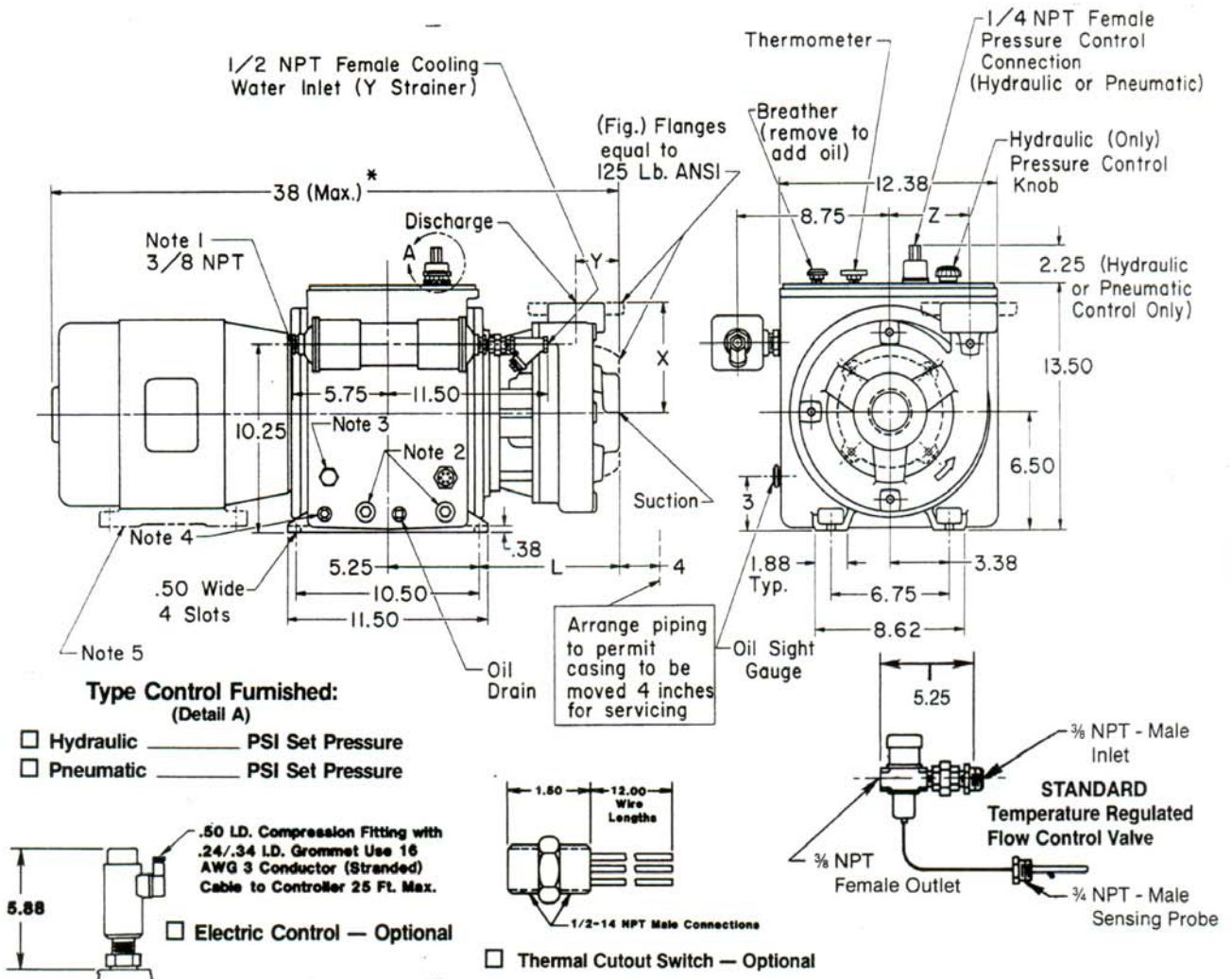




# VARIABLE SPEED PUMPING SYSTEMS Type MP

**Fluid Coupling Size 6B & 8C Hydroconstant® Variable Speed Fluid Drives  
With Open Drip Proof Close Coupled Motors & Series C Bronze Fitted End Suction Pumps**



\* Maximum dimensions; may be less with different makes of motors or enclosures

**Notes:**

- 3/8 NPT connections for temperature regulated control valve
- 3/8 NPT cooling water connections for 3-5 hp. units
- 3/4 NPT male sensing probe, installed here.
- 1/2 NPT connection for thermal cutout switch.
- Motor Feet -DO NOT- tie down to foundation.
- All dimensions are in inches
- Only items marked  will be furnished.
- Unit Rotation is clockwise when viewed from motor end
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

✓	Pump Series, Type Style	Suct Size	Disch Size	L	X	Y	Z	Approx Unit Wt. .Lb.
	C1125M	3 Flg	2-1/2 Flg	7.12	8.06	2.31	6.12	430
	C1140M	5 Flg	4 Flg	7.44	9.00	2.62	6.50	475

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ Hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Size & Type, Style \_\_\_\_\_ RPM \_\_\_\_\_ GPM \_\_\_\_\_ Total Hd in Ft \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

**DT 4853614**

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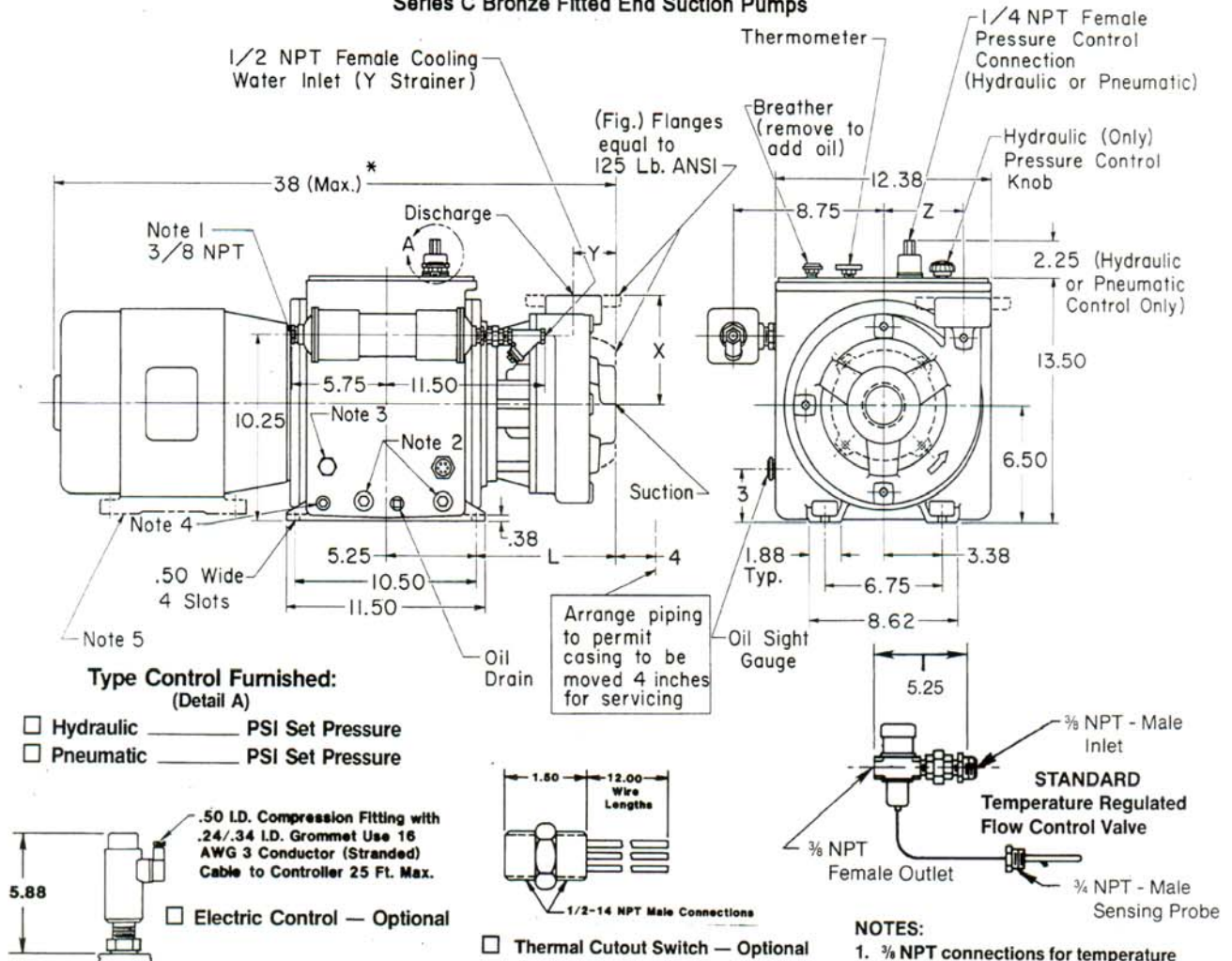


# VARIABLE SPEED PUMPING SYSTEMS

## Type MP

Fluid Couplings Sizes 6B & 8C

Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Open Drip Proof Motors and  
Series C Bronze Fitted End Suction Pumps



Pump Series, Type, Style	Suction Size	Discharge Size	PUMP DIMENSIONS				Maximum Unit Wt. Lbs.
			L	X	Y	Z	
C610AM	2NPT	1NPT	7.00	4.75	2.62	3.38	270
C615AM, JM	2NPT	1.5NPT	7.25	5.00	2.75	3.62	325
C620AM	2.5NPT	2NPT	7.75	5.38	3.25	3.62	350
C810AM, GM	2NPT	1NPT	7.12	5.12	2.75	4.38	410
C815AM, GM	2NPT	1.5NPT	7.12	5.50	2.75	4.50	420
C820AM	2.5NPT	2NPT	7.50	6.00	3.12	4.62	440
C825AM	3 (Fig.)	2.5 (Fig.)	6.75	7.25	2.25	4.88	475
C1020AM	2.5 (Fig.)	2 (Fig.)	7.12	7.00	2.50	5.88	400
C830AM	4 (Fig.)	3 (Fig.)	6.62	7.50	2.12	5.25	515
C840M	5 (Fig.)	4 (Fig.)	8.50	7.38	3.00	5.88	435
C1025AM	3 (Fig.)	2.5 (Fig.)	9.12	7.50	2.25	5.88	405
C1030AM	4 (Fig.)	3 (Fig.)	9.12	7.50	2.12	6.25	415

**NOTES:**

1. 3/8 NPT connections for temperature regulated control valve.
  2. 3/8 NPT cooling water connections for 3-5 hp. units.
  3. 3/4 NPT - Male sensing probe, installed here.
  4. 1/2 NPT connection for thermal cutout switch.
  5. Motor feet — DO NOT tie down to foundation.
  6. All dimensions are in inches.
  7. Only items marked  will be furnished.
  8. Unit rotation is clockwise when viewed from motor end.
  9. See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimensions may be less with different make motors.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.



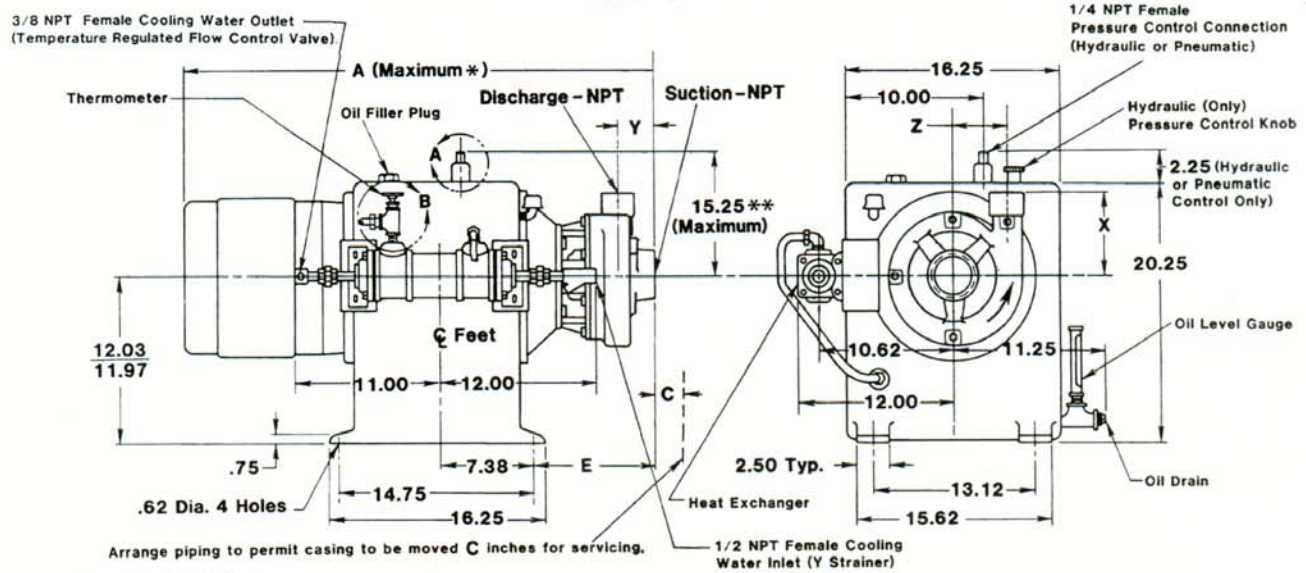
# VARIABLE SPEED PUMPING SYSTEMS

## Type MP

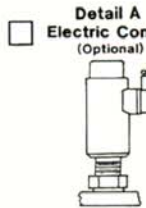


Peerless Pump Company  
Indianapolis, IN 46207-7026

Fluid Couplings Sizes 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors & Series C Bronze Fitted  
End Suction Pumps

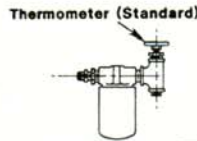


Type Control Furnished:



Detail A  
Electric Control\*\* (Optional)  
.50 I.D. Compression Fitting with  
.24/.34 I.D. Grommet Use 16  
AWG 3 Conductor (Stranded)  
Cable to Controller 25 Ft. Max.

Detail B (Optional Items)



Oil Filter

Thermal Cutout Switch



Oil Filter & Thermal Cutout Switch

Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

NOTES:

X	Pump Series, Type Style	Suction Size NPT	Discharge Size NPT	A	C	E	X	Y	Z	Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C810A, GM	2	1	36.62	5.50	7.50	5.12	2.75	4.38	215TC	9B	3500	585
	C810A, GP	2	1	40.75	5.50	11.56	5.12	2.75	4.38	215TC	9B	3500	585
	C810A, GM	2	1	40.25	5.50	8.75	5.12	2.75	4.38	254TC	9B	3500	655
	C810A, GP	2	1	43.12	5.50	11.56	5.12	2.75	4.38	254TC	9B	3500	655
	C820AM	2½	2	37.00	6.25	7.88	6.00	3.12	4.62	215TC	9B	3500	588
	C820AP	2½	2	41.00	6.25	11.88	6.00	3.12	4.62	215TC	9B	3500	588
	C820AM	2½	2	40.62	6.25	9.06	6.00	3.12	4.62	254TC	9B	3500	658
	C820AP	2½	2	43.38	6.25	11.88	6.00	3.12	4.62	254TC	9B	3500	658
	C820AM	2½	2	42.38	6.25	9.06	6.00	3.12	4.62	256TC	9B	3500	678
	C820AP	2½	2	45.12	6.25	11.88	6.00	3.12	4.62	256TC	9B	3500	678
	C1215AM	2	1½	37.00	6.00	7.72	7.50	3.00	6.75	213TC	9B	1750	600
	C1215AP	2	1½	40.00	6.00	11.50	7.50	3.00	6.75	213TC	9B	1750	600
	C1215AM	2	1½	38.00	6.00	7.72	7.50	3.00	6.75	215TC	9B,11B	1750	615
	C1215AP	2	1½	42.00	6.00	11.50	7.50	3.00	6.75	215TC	9B,11B	1750	615
	C1215AM	2	1½	42.00	6.00	8.72	7.50	3.00	6.75	254TC	9B,11B	1750	690
	C1215AP	2	1½	44.00	6.00	11.50	7.50	3.00	6.75	254TC	9B,11B	1750	690

- All dimensions are in inches.
  - Only items marked  will be furnished.
  - Unit rotation is clockwise when viewed from motor end.
  - See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimension may be less with different make motors or enclosures.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

DT4850717  
Rev. 7-85



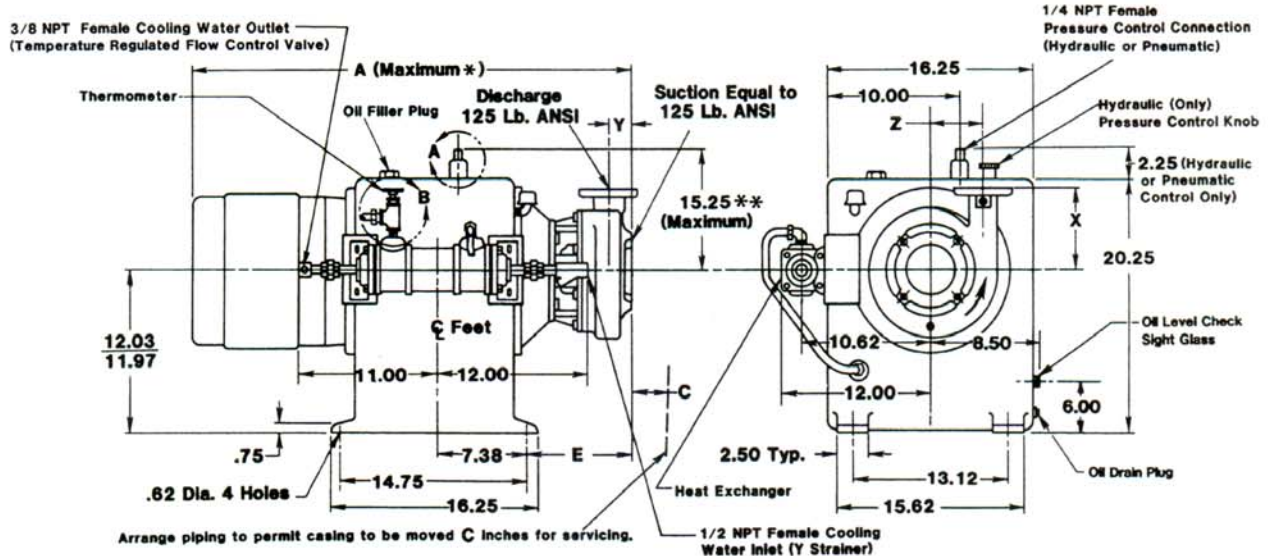


Peerless Pump Company  
Indianapolis, IN 46207-7026

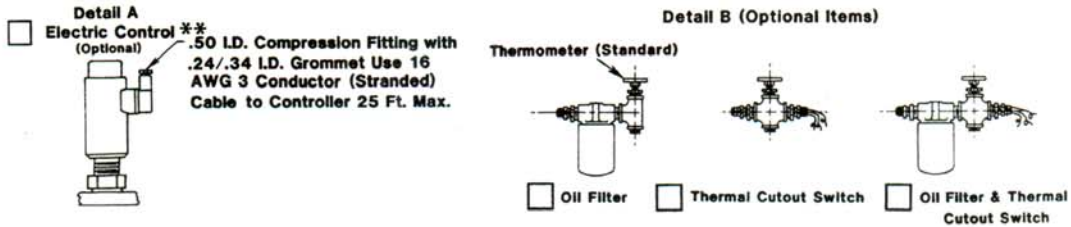
# VARIABLE SPEED PUMPING SYSTEMS Type MP Fluid Coupling Size 9B

SECTION 4130  
Page 2.1  
October 21, 1994

Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors & Series C Bronze Fitted  
End Suction Pumps



### Type Control Furnished:



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

### Notes:

- All dimensions are in inches.
  - Only items marked  will be furnished.
  - Unit Rotation is clockwise when viewed from motor end..
  - See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimensions; may be less with different makes of motors or enclosures.

✓	Pump Series, Type Style	Suct Size	Disch Size	A* Max.	C	E	X	Y	Z	Motor Frame Size	Fluid Cplg Size	Nom rpm	Approx Unit Wt .Lb.
	C815AM	2	1-1/2	36.62	5.5	7.50	5.5	2.75	4.5	215TC	9B	3500	585
	C815AP	2	1-1/2	40.75	5.5	11.56	5.5	2.75	4.5	215TC	9B	3500	585
	C815AM	2	1-1/2	40.25	5.5	8.75	5.5	2.75	4.5	254TC	9B	3500	655
	C815AP	2	1-1/2	43.12	5.5	11.56	5.5	2.75	4.5	254TC	9B	3500	655
	C815AM	2	1-1/2	42.00	5.5	8.75	5.5	2.75	4.5	256TC	9B	3500	675
	C815AP	2	1-1/2	44.88	5.5	11.56	5.5	2.75	4.5	256TC	9B	3500	675
	C815GM	2	1-1/2	36.62	5.5	7.50	5.5	2.75	4.5	215TC	9B	3500	585
	C815GP	2	1-1/2	40.75	5.5	11.56	5.5	2.75	4.5	215TC	9B	3500	585

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ Hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Size & Type, Style \_\_\_\_\_ RPM \_\_\_\_\_ GPM \_\_\_\_\_ Total Hd in Ft \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

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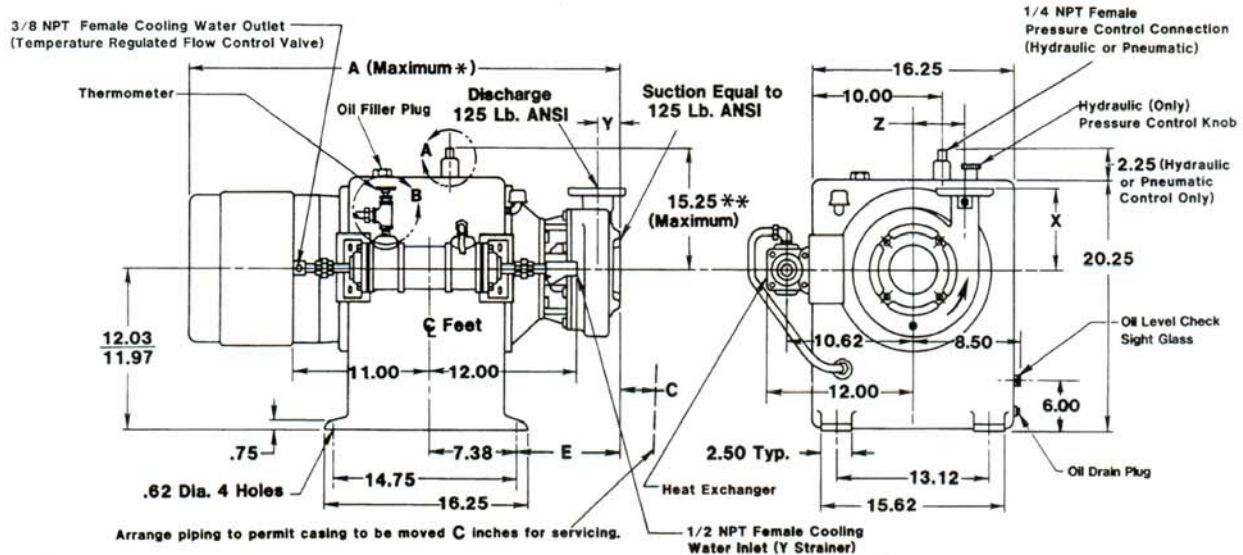
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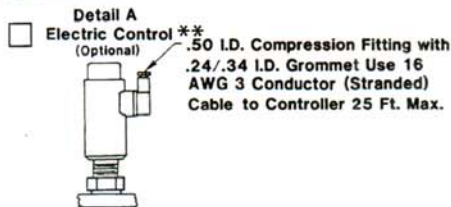


# VARIABLE SPEED PUMPING SYSTEMS Type MP

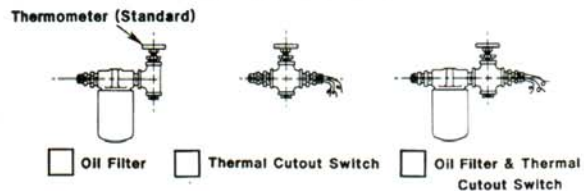
## Fluid Coupling Size 9B Hydroconstant® Variable Speed Fluid Drives With Close Coupled Motors & Series C Bronze Fitted End Suction Pumps



Type Control Furnished:



Detail B (Optional Items)



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

NOTES:

X	Pump Series, Type Style	Suction Size Flg.	Discharge Size Flg.	A	C	E	X	Y	Z	Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C825AM	3	2½	36.25	4.50	7.19	7.25	2.25	4.88	215TC	9B	3500	604
	C825AP	3	2½	40.12	4.50	11.19	7.25	2.25	4.88	215TC	9B	3500	604
	C825AM	3	2½	39.75	4.50	8.38	7.25	2.25	4.88	254TC	9B	3500	674
	C825AP	3	2½	42.50	4.50	11.19	7.25	2.25	4.88	254TC	9B	3500	674
	C825AM	3	2½	41.62	4.50	8.38	7.25	2.25	4.88	256TC	9B	3500	694
	C825AP	3	2½	44.25	4.50	11.19	7.25	2.25	4.88	256TC	9B	3500	694
	C825AM	3	2½	41.50	4.50	8.38	7.25	2.25	4.88	284TSC	9B	3500	784
	C825AP	3	2½	44.25	4.50	11.19	7.25	2.25	4.88	284TSC	9B	3500	784
	C830AM	4	3	39.75	4.25	8.31	7.50	2.12	5.25	254TC	9B	3500	706
	C830AP	4	3	42.50	4.25	11.12	7.50	2.12	5.25	254TC	9B	3500	706
	C830AM	4	3	41.62	4.25	8.31	7.50	2.12	5.25	256TC	9B	3500	726
	C830AP	4	3	44.38	4.25	11.12	7.50	2.12	5.25	256TC	9B	3500	726
	C830AM	4	3	41.75	4.25	8.31	7.50	2.12	5.25	284TSC	9B	3500	796
	C830AP	4	3	44.50	4.25	11.12	7.50	2.12	5.25	284TSC	9B	3500	796
	C830AM	4	3	43.38	4.25	8.31	7.50	2.12	5.25	286TSC	9B	3500	836
	C830AP	4	3	46.00	4.25	11.12	7.50	2.12	5.25	286TSC	9B	3500	836
	C830AM	4	3	45.56	4.25	8.31	7.50	2.12	5.25	324TSC	9B	3500	946
	C830AP	4	3	48.18	4.25	11.12	7.50	2.12	5.25	324TSC	9B	3500	946

- All dimensions are in inches.
- Only items marked  will be furnished.
- Unit rotation is clockwise when viewed from motor end.
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

\* Maximum dimension may be less with different make motors or enclosures.

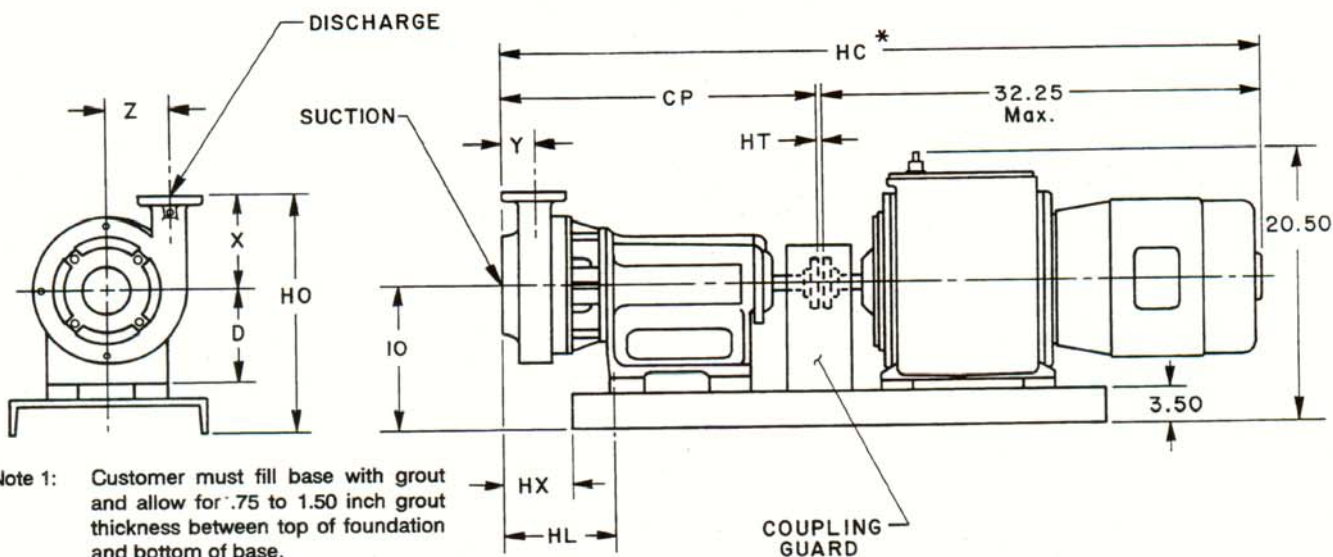
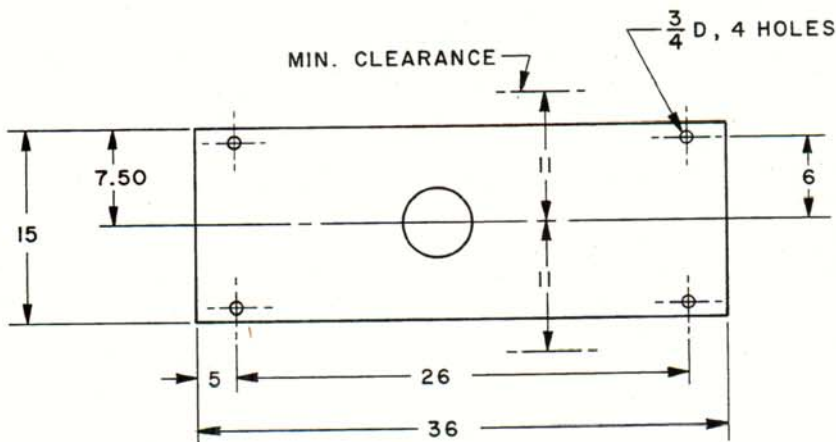
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P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

**VARIABLE SPEED PUMPING  
 SYSTEMS  
 Type M  
 Fluid Couplings Sizes 8C  
 Hydroconstant® Variable Speed Fluid Drives  
 With Close Coupled Motors and  
 Flexible Coupled Series F Base Mounted Pumps**



Peerless Pump Company  
 Indianapolis, IN 46207-7026



Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

CUSTOMER _____	JOB NAME _____
P.O. NO. _____	ITEM NO. _____
S.O. NO. _____	SERIAL NO. _____
MOTOR MFR. _____ ENCL. _____ FRAME _____	H.P. _____ VOLTS _____ PH. _____ HZ. _____
PUMP SERIES, TYPE, STYLE _____	RPM _____ G.P.M. _____ TOTAL HD. FT. _____
CERTIFIED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	BY _____ DATE _____

Subject to change unless certified for construction.



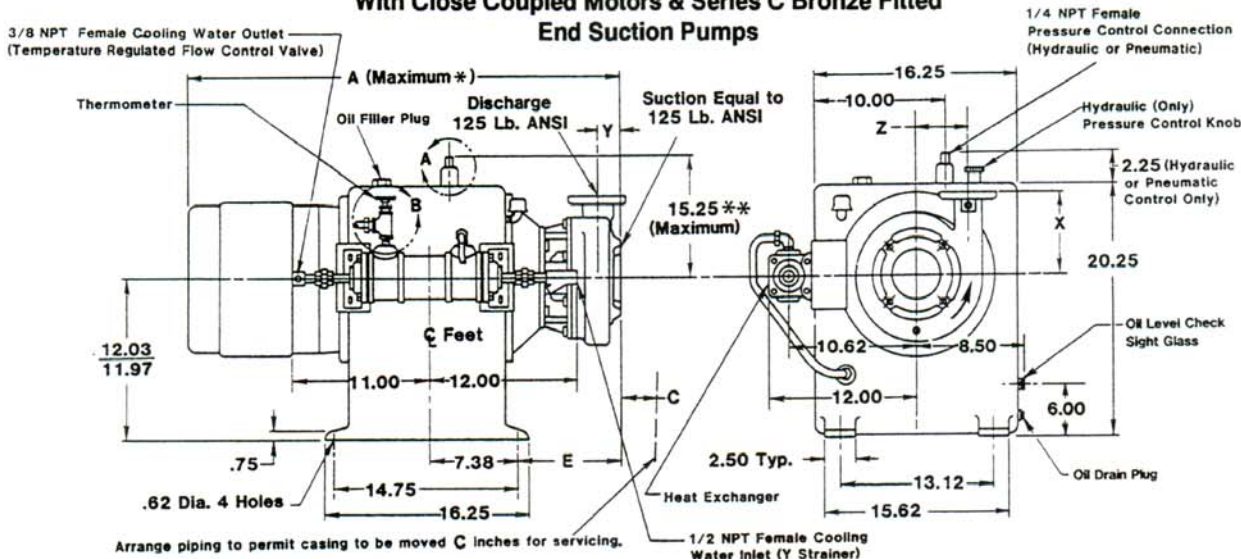


Peerless Pump Company  
Indianapolis, IN 46207-7026

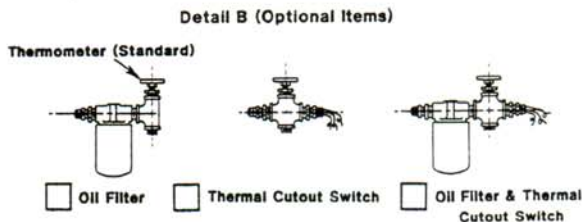
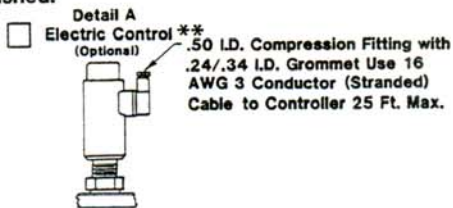
# VARIABLE SPEED PUMPING SYSTEMS Type MP Fluid Coupling Size 9B

SECTION 4130  
Page 4.1  
February 15, 1991

## Hydroconstant® Variable Speed Fluid Drives With Close Coupled Motors & Series C Bronze Fitted End Suction Pumps



Type Control Furnished:



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

NOTES:

Notes:

- All dimensions are in inches.
  - Only items marked  will be furnished.
  - Unit Rotation is clockwise when viewed from motor end.
  - See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimension, may be less with different make motors or enclosures.

✓	Pump Series, Type Style	Suct Size	Disch Size	A	C	E	X	Y	Z	Motor Frame Size	Fluid Cplg Size	Nom rpm	Approx Unit Wt lb
	C1125M	3	2½	40.8	5	8.44	8.06	2.31	6.12	256TC	9B	3500	855
	C1125M	3	2½	41.5	5	8.44	8.06	2.31	6.12	284TSC	9B	3500	811
	C1125M	3	2½	43.0	5	8.44	8.06	2.31	6.12	286TSC	9B	3500	846
	C1125M	3	2½	44.0	5	8.44	8.06	2.31	6.12	324TSC	9B	3500	920
	C1125M	3	2½	45.5	5	8.44	8.06	2.31	6.12	326TSC	9B	3500	968
	C1140M	5	4	43.5	5	8.75	9.00	2.62	6.50	286TSC	9B	3500	893
	C1140M	5	4	44.5	5	8.75	9.00	2.62	6.50	324TSC	9B	3500	967
	C1140M	5	4	46.0	5	8.75	9.00	2.62	6.50	326TSC	9B	3500	1015

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL     CONSTRUCTION    BY \_\_\_\_\_ DATE \_\_\_\_\_

DT 4852810

Subject to change unless certified for construction.

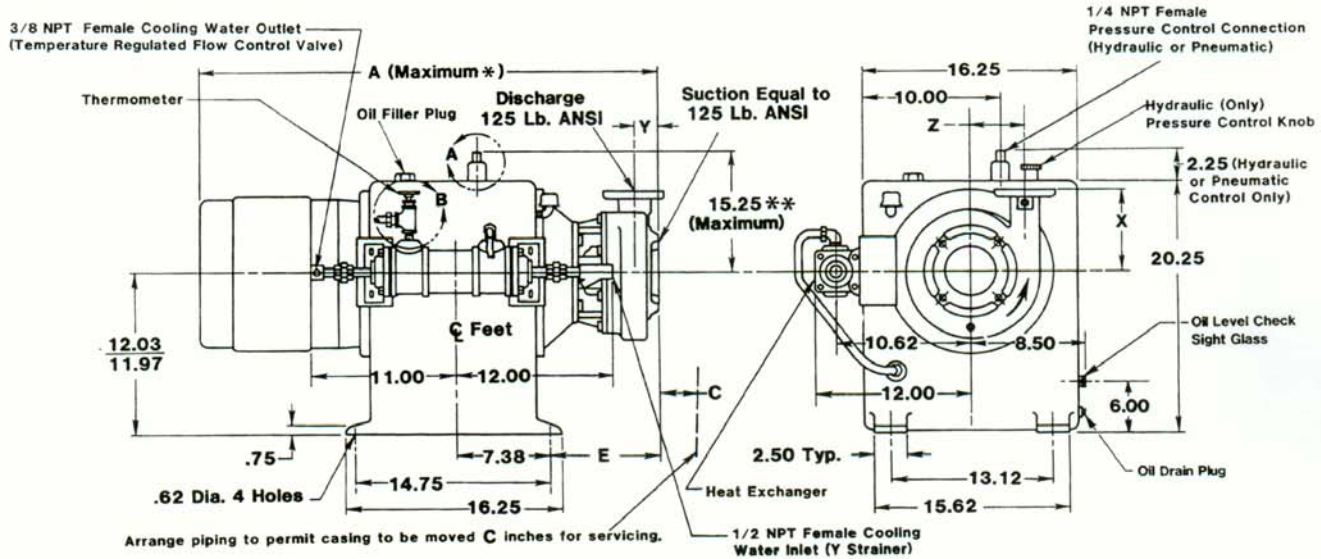
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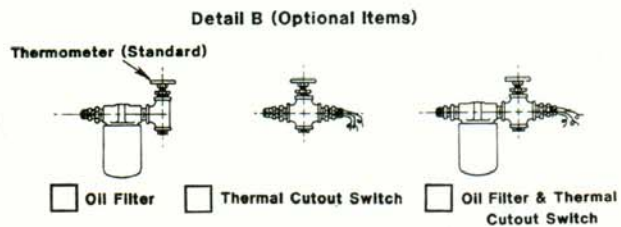
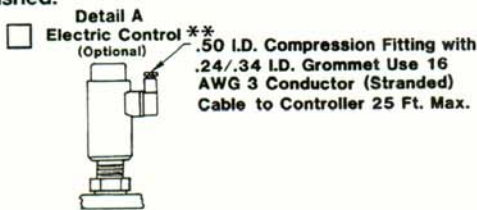


# VARIABLE SPEED PUMPING SYSTEMS Type MP

Fluid Coupling Sizes 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors & Series C Bronze Fitted  
End Suction Pumps



Type Control Furnished:



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

NOTES:

- All dimensions are in inches.
  - Only items marked  will be furnished.
  - Unit rotation is clockwise when viewed from motor end.
  - See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimension may be less with different make motors or enclosures.

X	Pump Series, Type Style	Suction Size Fig.	Discharge Size Fig.	A	C	E	X	Y	Z	Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C1050AM	6	5	37.75	6.38	10.06	9.00	3.19	7.12	213TC	9B	1750	685
	C1050AP	6	5	41.88	6.38	14.12	9.00	3.19	7.12	213TC	9B	1750	685
	C1050AM	6	5	39.25	6.38	10.06	9.00	3.19	7.12	215TC	9B,11B	1750	700
	C1050AP	6	5	43.38	6.38	14.12	9.00	3.19	7.12	215TC	9B,11B	1750	700
	C1050AM	6	5	42.88	6.38	11.31	9.00	3.19	7.12	254TC	9B,11B	1750	770
	C1050AP	6	5	45.62	6.38	14.12	9.00	3.19	7.12	254TC	9B,11B	1750	770
	C1050AM	6	5	44.62	6.38	11.31	9.00	3.19	7.12	256TC	11B	1750	790
	C1050AP	6	5	47.38	6.38	14.12	9.00	3.19	7.12	256TC	11B	1750	790
	C1050AM	6	5	44.75	6.38	11.31	9.00	3.19	7.12	284TSC	11B	1750	880
	C1050AP	6	5	47.55	6.38	14.12	9.00	3.19	7.12	284TSC	11B	1750	880
	C1220AM	2 1/2	2	37.00	4.25	6.82	7.75	2.12	6.81	215TC	9B,11B	1750	630
	C1220AP	2 1/2	2	41.00	4.25	10.60	7.75	2.12	6.81	215TC	9B,11B	1750	630
	C1220AM	2 1/2	2	41.00	4.25	7.82	7.75	2.12	6.81	254TC	9B,11B	1750	700
	C1220AP	2 1/2	2	43.00	4.25	10.60	7.75	2.12	6.81	254TC	9B,11B	1750	700
	C1220AM	2 1/2	2	43.00	4.25	7.82	7.75	2.12	6.81	256TC	11B	1750	720
	C1220AP	2 1/2	2	46.00	4.25	10.60	7.75	2.12	6.81	256TC	11B	1750	720

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.



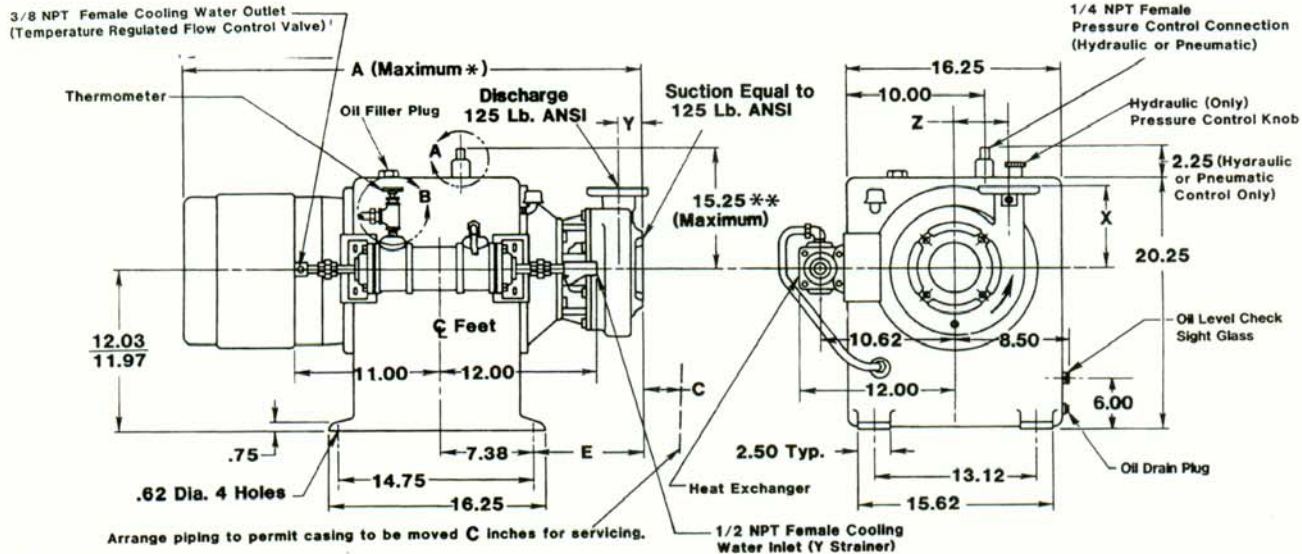
# VARIABLE SPEED PUMPING SYSTEMS

## Type MP

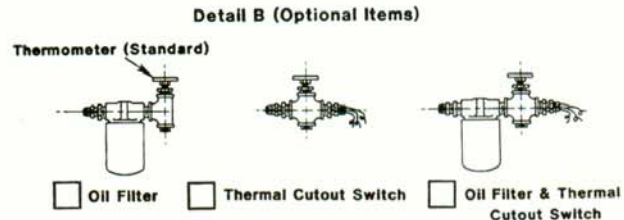
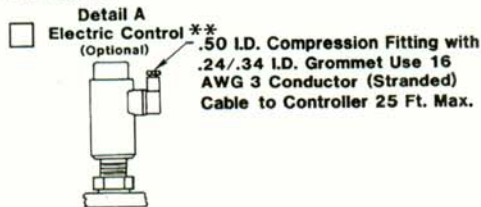


Peerless Pump Company  
Indianapolis, IN 46207-7026

Fluid Couplings Sizes 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors & Series C Bronze Fitted  
End Suction Pumps



Type Control Furnished:



Hydraulic \_\_\_\_\_ PSI Set Pressure       Pneumatic \_\_\_\_\_ PSI Set Pressure

X	Pump Series, Type Style	Suction Size Fig.	Discharge Size Fig.	A	C	E	X	Y	Z	Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C1230AM	4	3	38.00	4.50	7.12	9.00	2.25	7.12	215TC	9B,11B	1750	640
	C1230AP	4	3	41.00	4.50	10.90	9.00	2.25	7.12	215TC	9B,11B	1750	640
	C1230AM	4	3	41.00	4.50	8.12	9.00	2.25	7.12	254TC	9B,11B	1750	705
	C1230AP	4	3	44.00	4.50	10.90	9.00	2.25	7.12	254TC	9B,11B	1750	705
	C1230AM	4	3	43.00	4.50	8.12	9.00	2.25	7.12	256TC	11B	1750	725
	C1230AP	4	3	45.00	4.50	10.90	9.00	2.25	7.12	256TC	11B	1750	725
	C1230AM	4	3	43.00	4.50	8.12	9.00	2.25	7.12	284TSC	11B	1750	815
	C1230AP	4	3	46.00	4.50	10.90	9.00	2.25	7.12	284TSC	11B	1750	815
	C1230AM	4	3	44.00	4.50	8.12	9.00	2.25	7.12	286TSC	11B	1750	855
	C1230AP	4	3	47.00	4.50	10.90	9.00	2.25	7.12	286TSC	11B	1750	855
	C1240AM	5	4	41.00	4.88	8.34	9.00	2.44	7.50	254TC	9B,11B	1750	725
	C1240AP	5	4	44.00	4.88	11.12	9.00	2.44	7.50	254TC	9B,11B	1750	725
	C1240AM	5	4	43.00	4.88	8.34	9.00	2.44	7.50	256TC	11B	1750	745
	C1240AP	5	4	46.00	4.88	11.12	9.00	2.44	7.50	256TC	11B	1750	745
	C1240AM	5	4	43.00	4.88	8.34	9.00	2.44	7.50	284TSC	11B	1750	835
	C1240AP	5	4	46.00	4.88	11.12	9.00	2.44	7.50	284TSC	11B	1750	835
	C1240AM	5	4	45.00	4.88	8.34	9.00	2.44	7.50	286TSC	11B	1750	875
	C1240AP	5	4	47.00	4.88	11.12	9.00	2.44	7.50	286TSC	11B	1750	875
	C1240AM	5	4	47.00	4.88	8.34	9.00	2.44	7.50	324TSC	11B	1750	985
	C1240AP	5	4	50.00	4.88	11.12	9.00	2.44	7.50	324TSC	11B	1750	985

NOTES:

- All dimensions are in inches.
  - Only items marked  will be furnished.
  - Unit rotation is clockwise when viewed from motor end.
  - See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimension may be less with different make motors or enclosures.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

DT4850721  
Rev. 7-85





Peerless Pump Company  
Indianapolis, IN 46207-7026

# VARIABLE SPEED PUMPING SYSTEMS

## Type MP

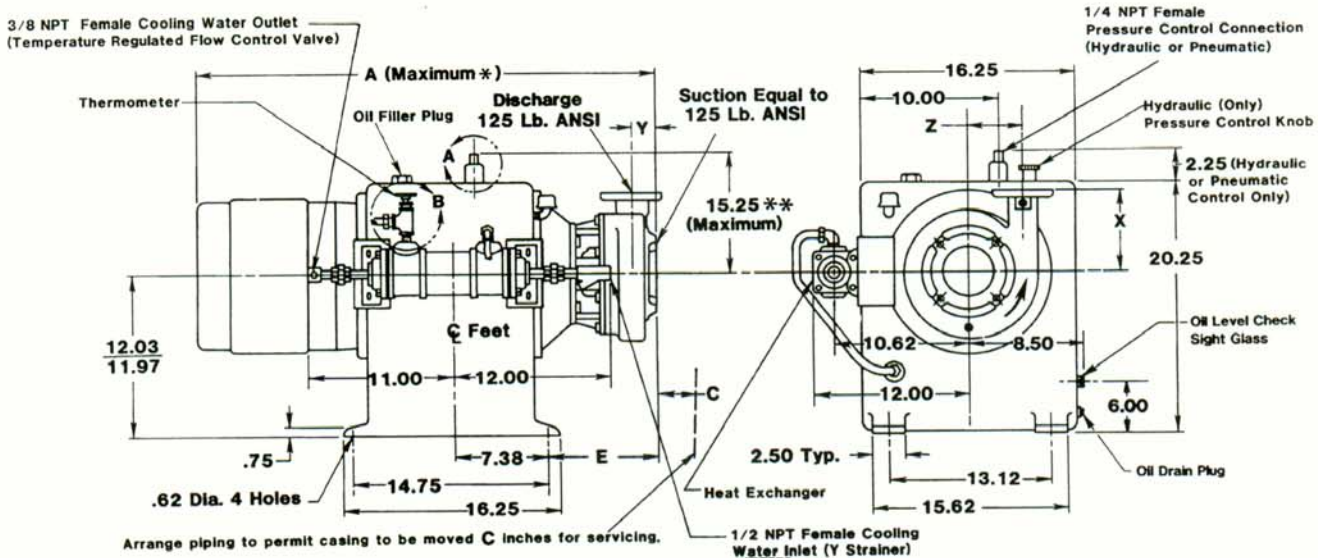
Fluid Coupling Sizes 9B & 11B

Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors & Series C Bronze Fitted  
End Suction Pumps

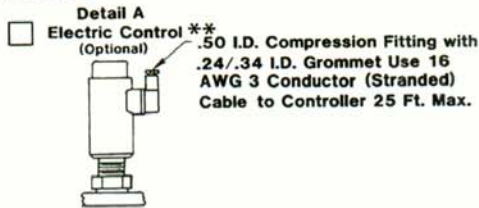
SECTION 4130

Page 7

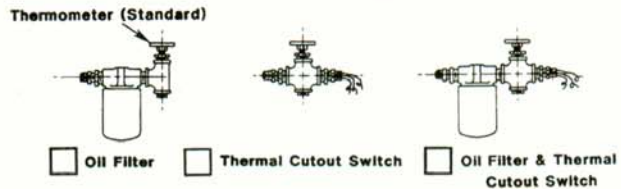
July 29, 1985



Type Control Furnished:



Detail B (Optional Items)



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

NOTES:

- All dimensions are in inches.
  - Only items marked  will be furnished.
  - Unit rotation is clockwise when viewed from motor end.
  - See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimension may be less with different make motors or enclosures.

X	Pump Series, Type Style	Suction Size Flg.	Discharge Size Flg.	A	C	E	X	Y	Z	Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C1250AM	6	5	44.00	7.00	9.60	9.38	3.50	8.00	284TSC	11B	1750	860
	C1250AP	6	5	47.00	7.00	12.38	9.38	3.50	8.00	284TSC	11B	1750	860
	C1250AM	6	5	46.00	7.00	9.60	9.38	3.50	8.00	286TSC	11B	1750	900
	C1250AP	6	5	49.00	7.00	12.38	9.38	3.50	8.00	286TSC	11B	1750	900
	C1250AM	6	5	48.00	7.00	9.60	9.38	3.50	8.00	324TSC	11B	1750	1010
	C1250AP	6	5	51.00	7.00	12.38	9.38	3.50	8.00	324TSC	11B	1750	1010
	C1250AM	6	5	50.00	7.00	9.60	9.38	3.50	8.00	326TSC	11B	1750	1060
	C1250AP	6	5	53.00	7.00	12.38	9.38	3.50	8.00	326TSC	11B	1750	1060
	C1425M	4	2 1/2	42.00	5.82	8.46	8.62	2.91	7.75	254TC	9B,11B	1750	770
	C1425P	4	2 1/2	45.00	5.82	11.50	8.62	2.91	7.75	254TC	9B,11B	1750	770
	C1425M	4	2 1/2	44.00	5.82	8.46	8.62	2.91	7.75	256TC	11B	1750	790
	C1425P	4	2 1/2	47.00	5.82	11.50	8.62	2.91	7.75	256TC	11B	1750	790
	C1425M	4	2 1/2	40.00	5.82	8.46	8.62	2.91	7.75	284TSC	11B	1750	880
	C1425P	4	2 1/2	43.00	5.82	11.50	8.62	2.91	7.75	284TSC	11B	1750	880
	C1425M	4	2 1/2	42.00	5.82	8.46	8.62	2.91	7.75	286TSC	11B	1750	920
	C1425P	4	2 1/2	45.00	5.82	11.50	8.62	2.91	7.75	286TSC	11B	1750	920

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

DT4850722  
Rev. 7-85



# VARIABLE SPEED PUMPING SYSTEMS

## Type MP

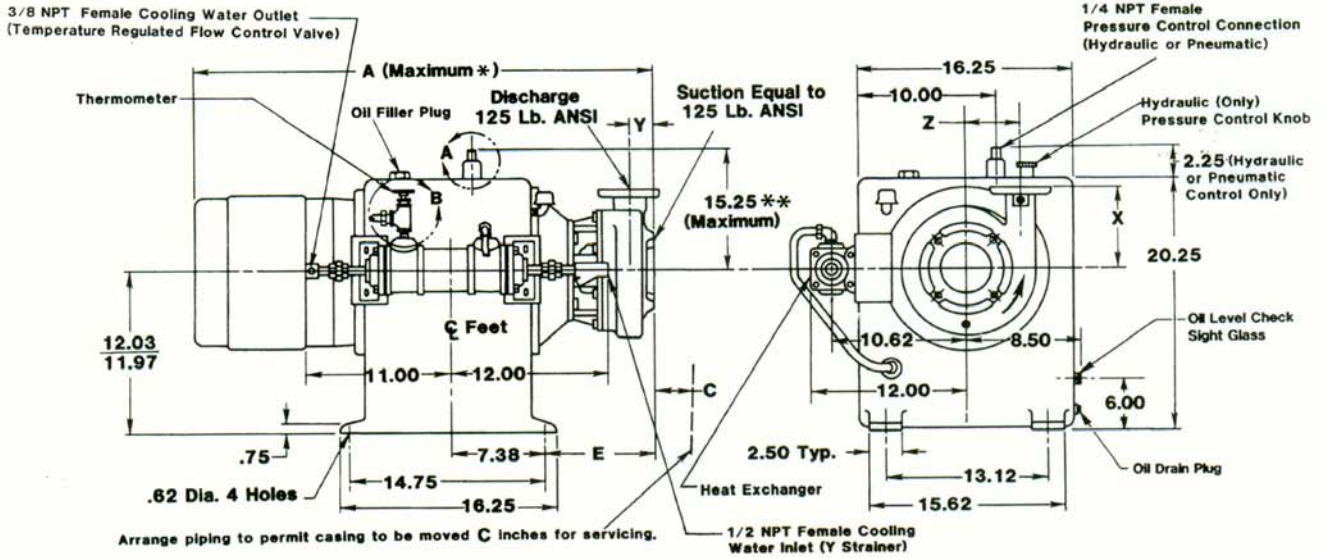


Peerless Pump Company  
Indianapolis, IN 46207-7026

### Fluid Couplings Sizes 9B & 11B

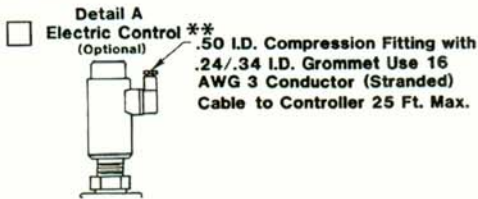
### Hydroconstant® Variable Speed Fluid Drives

### With Close Coupled Motors & Series C Bronze Fitted End Suction Pumps



Arrange piping to permit casing to be moved C inches for servicing.

#### Type Control Furnished:



#### Detail B (Optional Items)



Oil Filter     Thermal Cutout Switch     Oil Filter & Thermal Cutout Switch

Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

X	Pump Series, Type Style	Suction Size Flg.	Discharge Size Flg.	A	C	E	X	Y	Z	Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C1430M	4	3	42.00	5.82	8.46	8.62	2.91	8.00	254TC	9B,11B	1750	770
	C1430P	4	3	45.00	5.82	11.50	8.62	2.91	8.00	254TC	9B,11B	1750	770
	C1430M	4	3	44.00	5.82	8.46	8.62	2.91	8.00	256TC	11B	1750	790
	C1430P	4	3	47.00	5.82	11.50	8.62	2.91	8.00	256TC	11B	1750	790
	C1430M	4	3	40.00	5.82	8.46	8.62	2.91	8.00	284TSC	11B	1750	880
	C1430P	4	3	43.00	5.82	11.50	8.62	2.91	8.00	284TSC	11B	1750	880
	C1430M	4	3	42.00	5.82	8.46	8.62	2.91	8.00	286TSC	11B	1750	920
	C1430P	4	3	45.00	5.82	11.50	8.62	2.91	8.00	286TSC	11B	1750	920
	C1430M	4	3	42.00	5.82	8.46	8.62	2.91	8.00	324TSC	11B	1750	1030
	C1430P	4	3	45.00	5.82	11.50	8.62	2.91	8.00	324TSC	11B	1750	1030
	C1430M	4	3	44.00	5.82	8.46	8.62	2.91	8.00	326TSC	11B	1750	1080
	C1430P	4	3	47.00	5.82	11.50	8.62	2.91	8.00	326TSC	11B	1750	1080
	C1440M	5	4	40.00	5.56	8.46	10.00	2.78	8.50	284TSC	11B	1750	880
	C1440P	5	4	43.00	5.56	11.50	10.00	2.78	8.50	284TSC	11B	1750	880
	C1440M	5	4	42.00	5.56	8.46	10.00	2.78	8.50	286TSC	11B	1750	920
	C1440P	5	4	45.00	5.56	11.50	10.00	2.78	8.50	286TSC	11B	1750	920
	C1440M	5	4	42.00	5.56	8.46	10.00	2.78	8.50	324TSC	11B	1750	1030
	C1440P	5	4	45.00	5.56	11.50	10.00	2.78	8.50	324TSC	11B	1750	1030
	C1440M	5	4	44.00	5.56	8.46	10.00	2.78	8.50	326TSC	11B	1750	1080
	C1440P	5	4	47.00	5.56	11.50	10.00	2.78	8.50	326TSC	11B	1750	1080

#### NOTES:

- All dimensions are in inches.
- Only items marked  will be furnished.
- Unit rotation is clockwise when viewed from motor end.
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

\* Maximum dimension may be less with different make motors or enclosures.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

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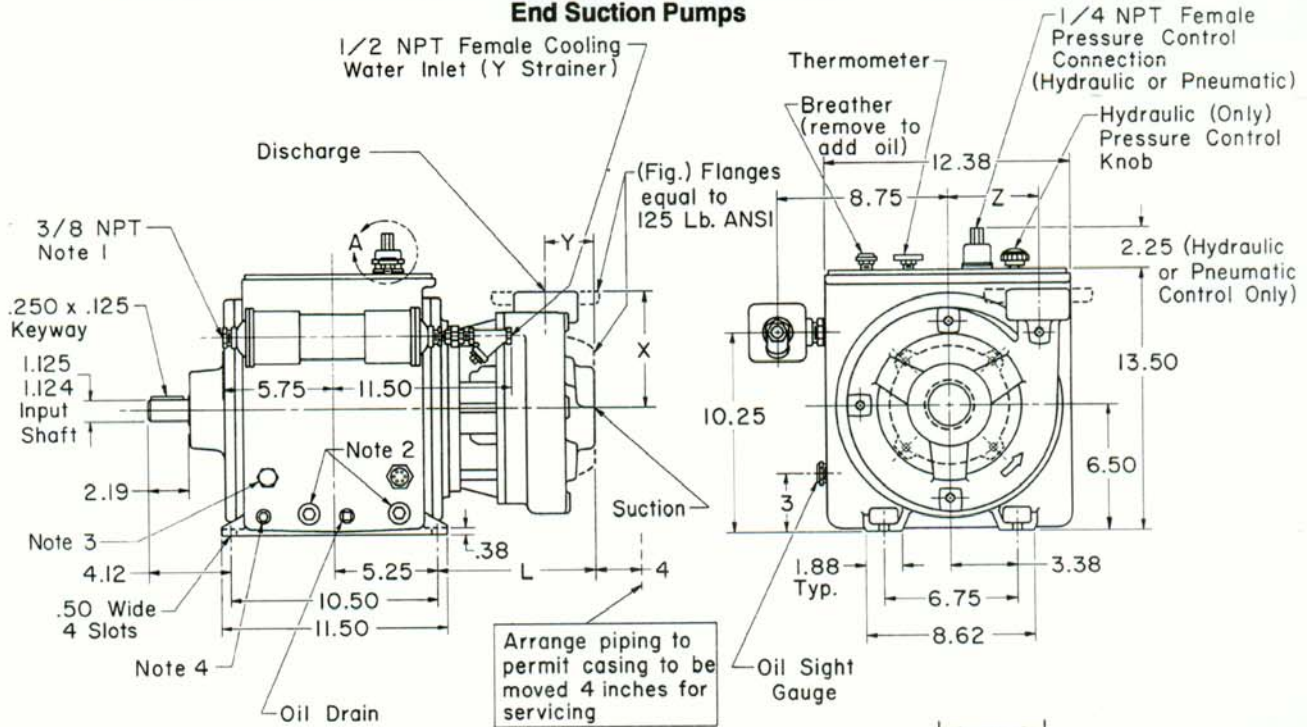


# VARIABLE SPEED PUMPING SYSTEMS

## Type MX

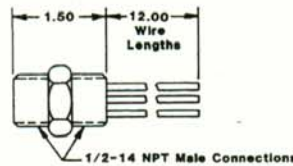
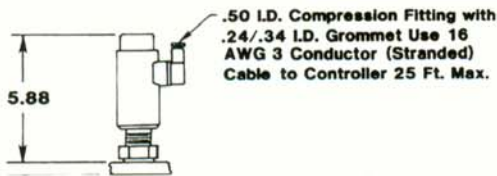
Fluid Coupling Sizes 6B & 8C

### Hydroconstant® Variable Speed Fluid Drives With Close Coupled Series C Bronze Fitted End Suction Pumps

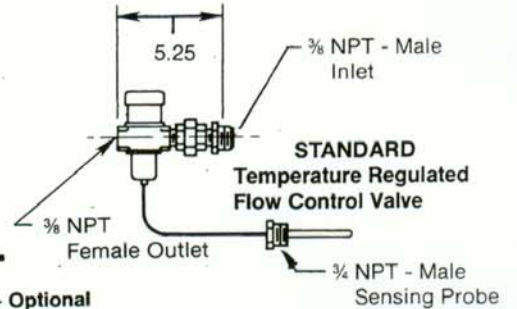


#### Type Control Furnished: (Detail A)

- Hydraulic ——— PSI Set Pressure
- Pneumatic ——— PSI Set Pressure



Thermal Cutout Switch — Optional



✓ Pump Series, Type, Style	Suction Size	Discharge Size	PUMP DIMENSIONS				Maximum Unit Wt. Lbs.
			L	X	Y	Z	
C610AM	2NPT	1NPT	7.00	4.75	2.62	3.38	205
C615AM, JM	2NPT	1.5NPT	7.25	5.00	2.75	3.62	210
C620AM	2.5NPT	2NPT	7.75	5.38	3.25	3.62	215
C810AM, GM	2NPT	1NPT	7.12	5.12	2.75	4.38	230
C815AM, GM	2NPT	1.5NPT	7.12	5.50	2.75	4.50	235
C820AM	2.5NPT	2NPT	7.50	6.00	3.12	4.62	235
C825AM	3 (Fig.)	2.5(Fig.)	6.75	7.25	2.25	4.88	270
C1020AM	2.5(Fig.)	2 (Fig.)	7.12	7.00	2.50	5.88	285
C830AM	4 (Fig.)	3 (Fig.)	6.62	7.50	2.12	5.25	310
C840M	5 (Fig.)	4 (Fig.)	8.50	7.38	3.00	5.88	320
C1025AM	3 (Fig.)	2.5(Fig.)	9.12	7.50	2.25	5.88	290
C1030AM	4 (Fig.)	3 (Fig.)	9.12	7.50	2.12	6.25	300

#### NOTES:

- 3/8 NPT connections for temperature regulated control valve.
- 3/8 NPT cooling water connections for 3-5 hp. units.
- 3/4 NPT - Male sensing probe, installed here.
- 1/2 NPT connection for thermal cutout switch.
- Only items marked  will be furnished.
- Unit rotation is clockwise when viewed from motor end.
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
 P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
 S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
 MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
 PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
 CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

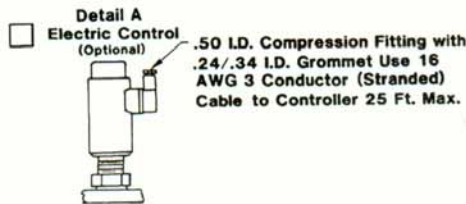
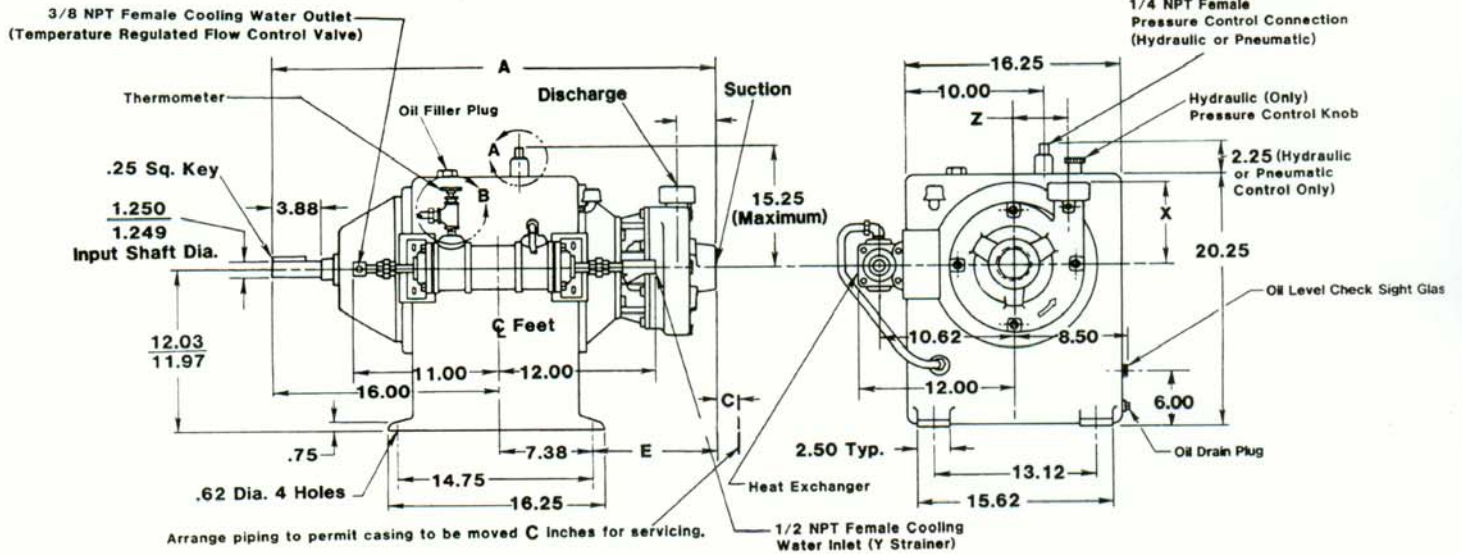
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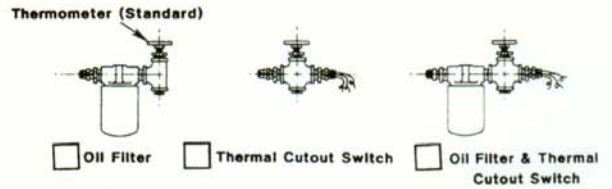
**VARIABLE SPEED PUMPING  
SYSTEMS  
Type MX**  
Fluid Couplings Sizes 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Series C Bronze  
Fitted End Suction Pumps



Peerless Pump Company  
Indianapolis, IN 46207-7026



Detail B (Optional Items)



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

NOTES:

1. All dimensions are in inches.
2. Only items marked  will be furnished.
3. Unit rotation is clockwise when viewed from motor end.
4. See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

X	Pump Series, Type, Style	Suction Size NPT	Discharge Size NPT	A	C	E	X	Y	Z	O.D.P. Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C810A, GM	2	1	30.88	5.50	7.50	5.12	2.75	4.38	215T	9B	3500	585
	C810A, GP	2	1	34.94	5.50	11.56	5.12	2.75	4.38	215T	9B	3500	585
	C810A, GM	2	1	32.12	5.50	8.75	5.12	2.75	4.38	254T	9B	3500	655
	C810A, GP	2	1	34.94	5.50	11.56	5.12	2.75	4.38	254T	9B	3500	655
	C820AM	2½	2	31.25	6.25	7.88	6.00	3.12	4.62	215T	9B	3500	588
	C820AP	2½	2	35.25	6.25	11.88	6.00	3.12	4.62	215T	9B	3500	588
	C820AM	2½	2	32.44	6.25	9.06	6.00	3.12	4.62	254T	9B	3500	658
	C820AP	2½	2	35.25	6.25	11.88	6.00	3.12	4.62	254T	9B	3500	658
	C820AM	2½	2	32.44	6.25	9.06	6.00	3.12	4.62	256T	9B	3500	678
	C820AP	2½	2	35.25	6.25	11.88	6.00	3.12	4.62	256T	9B	3500	678
	C1215AM	2	1½	31.10	6.00	7.72	7.50	3.00	6.75	213T	9B	1750	600
	C1215AP	2	1½	34.88	6.00	11.50	7.50	3.00	6.75	213T	9B	1750	600
	C1215AM	2	1½	31.10	6.00	7.72	7.50	3.00	6.75	215T	9B,11B	1750	615
	C1215AP	2	1½	34.88	6.00	11.50	7.50	3.00	6.75	215T	9B,11B	1750	615
	C1215AM	2	1½	32.10	6.00	8.72	7.50	3.00	6.75	254T	9B,11B	1750	690
	C1215AP	2	1½	34.88	6.00	11.50	7.50	3.00	6.75	254T	9B,11B	1750	690

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

DT4850835  
Rev. 7-85





Peerless Pump Company  
Indianapolis, IN 46207-7026

# VARIABLE SPEED PUMPING SYSTEMS Type MX

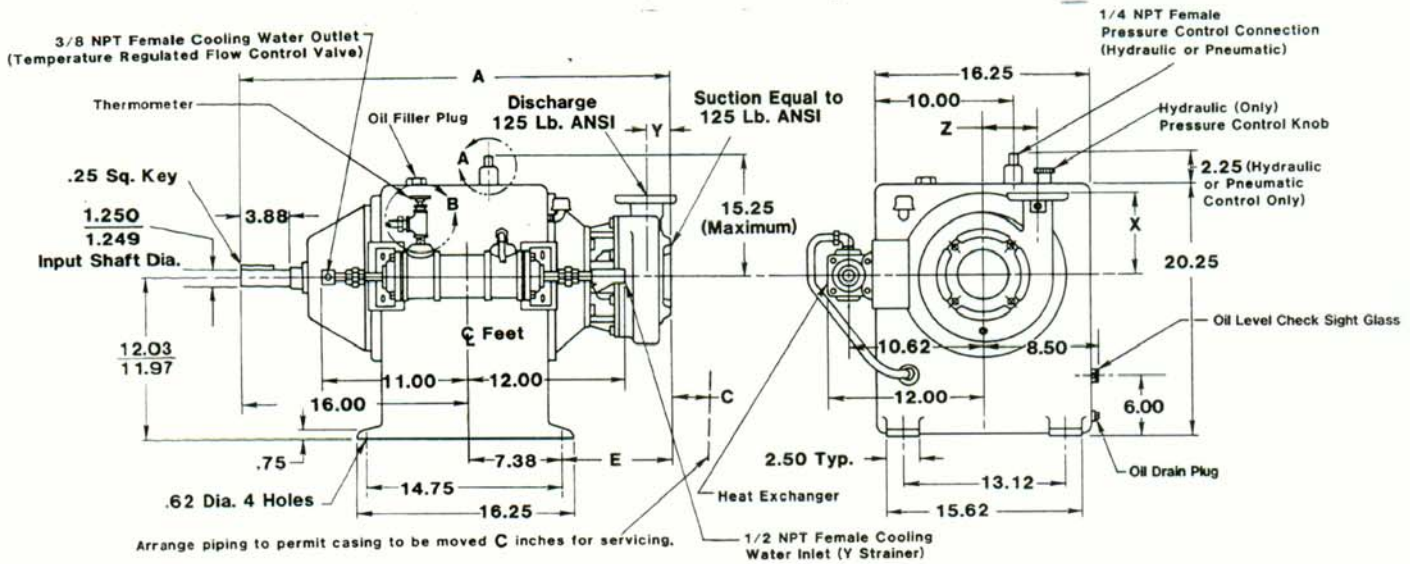
Fluid Coupling Sizes 9B

**Hydroconstant® Variable Speed Fluid Drives With Close Coupled Series C Bronze Fitted End Suction Pumps**

SECTION 4130

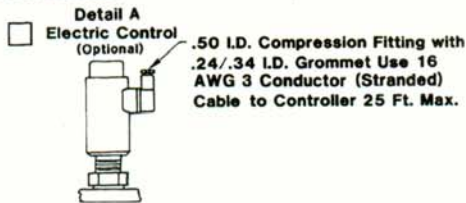
Page 8.13

July 29, 1985

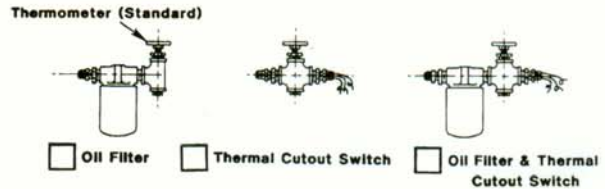


Arrange piping to permit casing to be moved C inches for servicing.

Type Control Furnished:



Detail B (Optional Items)



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

NOTES:

- All dimensions are in inches.
- Only items marked  will be furnished.
- Unit rotation is clockwise when viewed from motor end.
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

X	Pump Series, Type Style	Suction Size Fig.	Discharge Size Fig.	A	C	E	X	Y	Z	O.D.P. Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C825AM	3	2 1/2	30.56	4.50	7.19	7.25	2.25	4.88	215T	9B	3500	604
	C825AP	3	2 1/2	34.56	4.50	11.19	7.25	2.25	4.88	215T	9B	3500	604
	C825AM	3	2 1/2	31.75	4.50	8.38	7.25	2.25	4.88	254T	9B	3500	674
	C825AP	3	2 1/2	34.56	4.50	11.19	7.25	2.25	4.88	254T	9B	3500	674
	C825AM	3	2 1/2	31.75	4.50	8.38	7.25	2.25	4.88	256T	9B	3500	694
	C825AP	3	2 1/2	34.56	4.50	11.19	7.25	2.25	4.88	256T	9B	3500	694
	C825AM	3	2 1/2	31.75	4.50	8.38	7.25	2.25	4.88	284TS	9B	3500	784
	C825AP	3	2 1/2	34.56	4.50	11.19	7.25	2.25	4.88	284TS	9B	3500	784
	C830AM	4	3	31.69	4.25	8.31	7.50	2.12	5.25	254T	9B	3500	706
	C830AP	4	3	34.50	4.25	11.12	7.50	2.12	5.25	254T	9B	3500	706
	C830AM	4	3	31.69	4.25	8.31	7.50	2.12	5.25	256T	9B	3500	726
	C830AP	4	3	34.50	4.25	11.12	7.50	2.12	5.25	256T	9B	3500	726
	C830AM	4	3	31.69	4.25	8.31	7.50	2.12	5.25	284TS	9B	3500	796
	C830AP	4	3	34.50	4.25	11.12	7.50	2.12	5.25	284TS	9B	3500	796
	C830AM	4	3	31.69	4.25	8.31	7.50	2.12	5.25	286TS	9B	3500	836
	C830AP	4	3	34.50	4.25	11.12	7.50	2.12	5.25	286TS	9B	3500	836
	C830AM	4	3	31.69	4.25	8.31	7.50	2.12	5.25	324TS	9B	3500	946
	C830AP	4	3	34.50	4.25	11.12	7.50	2.12	5.25	324TS	9B	3500	946

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

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Rev. 7-85

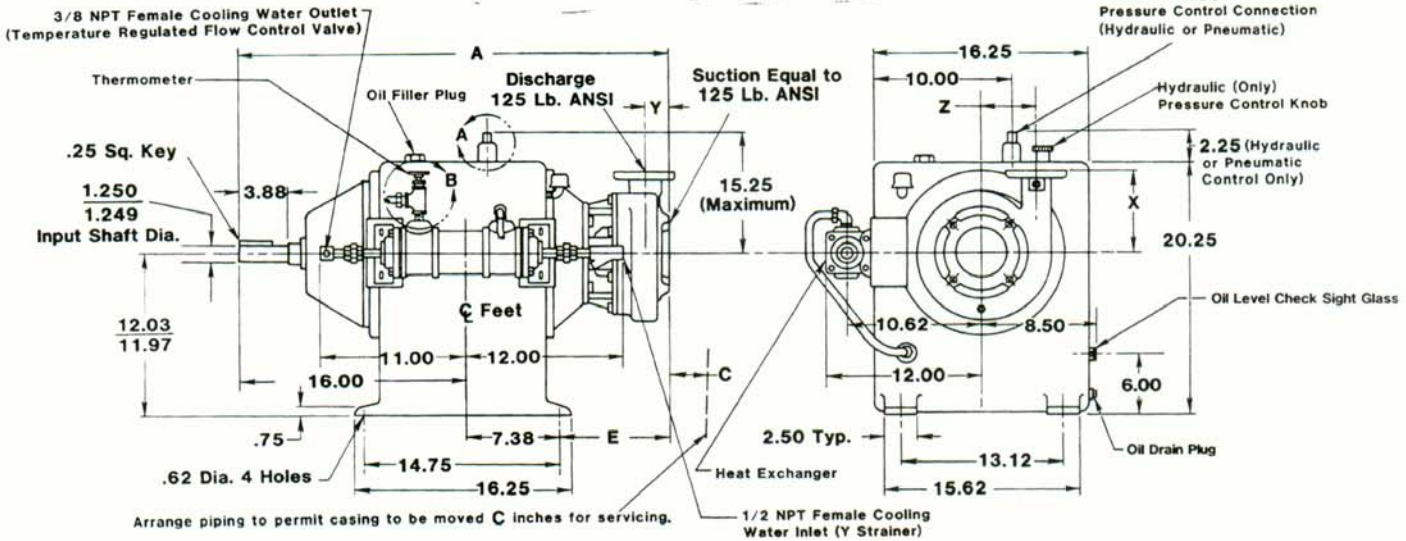


**VARIABLE SPEED PUMPING  
SYSTEMS  
Type MX**

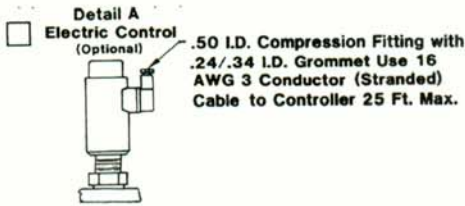


Peerless Pump Company  
Indianapolis, IN 46207-7026

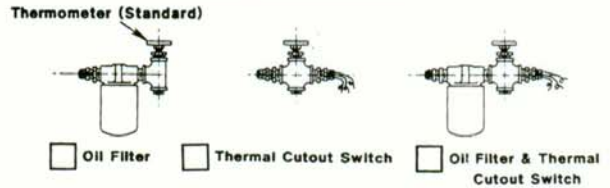
**Fluid Couplings Sizes 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Series C Bronze  
Fitted End Suction Pumps**



**Type Control Furnished:**



**Detail B (Optional Items)**



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

X	Pump Series, Type Style	Suction Size Fig.	Discharge Size Fig.	A	C	E	X	Y	Z	O.D.P. Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C840M	5	4	32.12	6.00	8.75	7.38	3.00	5.88	213T	9B	1750	610
	C840P	5	4	36.12	6.00	12.75	7.38	3.00	5.88	213T	9B	1750	610
	C1025AM	3	2½	30.56	4.50	7.19	7.50	2.25	5.88	213T	9B	1750	610
	C1025AP	3	2½	34.56	4.50	11.19	7.50	2.25	5.88	213T	9B	1750	610
	C1025AM	3	2½	30.56	4.50	7.19	7.50	2.25	5.88	215T	9B,11B	1750	625
	C1025AP	3	2½	34.56	4.50	11.19	7.50	2.25	5.88	215T	9B,11B	1750	625
	C1030AM	4	3	30.75	4.25	7.38	7.50	2.12	6.25	215T	9B,11B	1750	640
	C1030AP	4	3	34.75	4.25	11.38	7.50	2.12	6.25	215T	9B,11B	1750	640
	C1030AM	4	3	32.00	4.25	8.62	7.50	2.12	6.25	254T	9B,11B	1750	710
	C1030AP	4	3	34.75	4.25	11.38	7.50	2.12	6.25	254T	9B,11B	1750	710
	C1040AM	5	4	31.62	5.75	8.25	8.00	2.88	7.00	215T	9B,11B	1750	670
	C1040AP	5	4	35.62	5.75	12.25	8.00	2.88	7.00	215T	9B,11B	1750	670
	C1040AM	5	4	32.81	5.75	9.44	8.00	2.88	7.00	254T	9B,11B	1750	740
	C1040AP	5	4	35.62	5.75	12.25	8.00	2.88	7.00	254T	9B,11B	1750	740
	C1040AM	5	4	32.81	5.75	9.44	8.00	2.88	7.00	256T	11B	1750	760
	C1040AP	5	4	35.62	5.75	12.25	8.00	2.88	7.00	256T	11B	1750	760

**NOTES:**

1. All dimensions are in inches.
2. Only items marked  will be furnished.
3. Unit rotation is clockwise when viewed from motor end.
4. See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.



Peerless Pump Company  
Indianapolis, IN 46207-7026

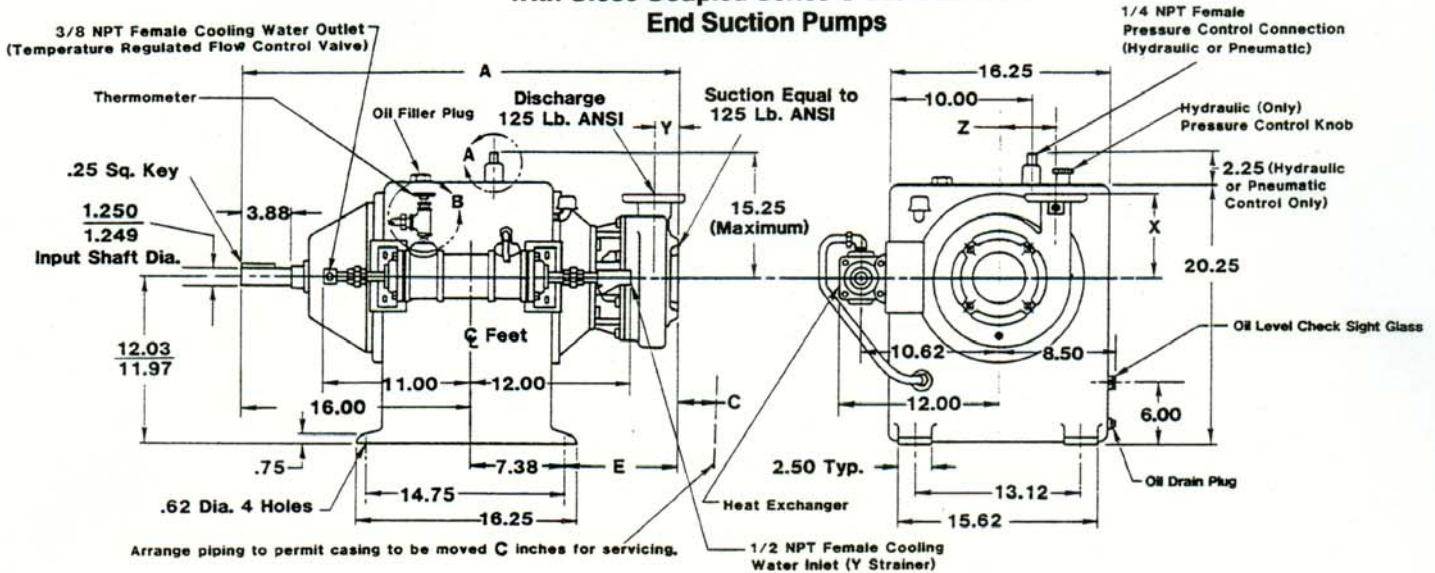
# VARIABLE SPEED PUMPING SYSTEMS

## Type MX

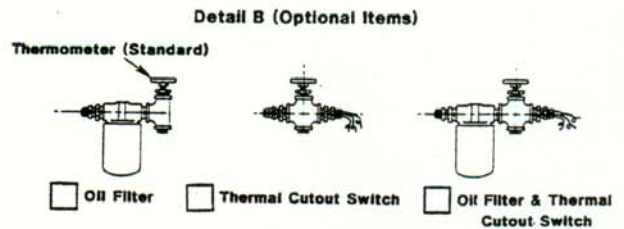
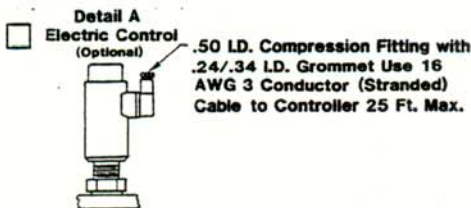
### Fluid Coupling Size 9B

#### Hydroconstant® Variable Speed Fluid Drives With Close Coupled Series C Bronze Fitted End Suction Pumps

SECTION 4130  
Page 8.14.1  
February 15, 1991



#### Type Control Furnished:



Hydraulic \_\_\_\_\_ PSI Set Pressure  Pneumatic \_\_\_\_\_ PSI Set Pressure

#### NOTES:

#### Notes:

- All dimensions are in inches.
- Only items marked  will be furnished.
- Unit Rotation is clockwise when viewed from motor end.
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

✓	Pump Series, Type Style	Suct Size	Disch Size	A	C	E	X	Y	Z	Motor Frame Size	Fluid Cplg Size	Nom rpm	Approx Unit Wt lb
	C1125M	3	2½	31.82	5	8.44	8.06	2.31	6.12	256T	9B	3500	855
	C1125M	3	2½	31.82	5	8.44	8.06	2.31	6.12	284TS	9B	3500	811
	C1125M	3	2½	31.82	5	8.44	8.06	2.31	6.12	286TS	9B	3500	846
	C1125M	3	2½	31.82	5	8.44	8.06	2.31	6.12	324TS	9B	3500	920
	C1125M	3	2½	31.82	5	8.44	8.06	2.31	6.12	326TS	9B	3500	968
	C1140M	5	4	32.13	5	8.75	9.00	2.62	6.50	286TS	9B	3500	893
	C1140M	5	4	32.13	5	8.75	9.00	2.62	6.50	324TS	9B	3500	967
	C1140M	5	4	32.13	5	8.75	9.00	2.62	6.50	326TS	9B	3500	1015

Customer \_\_\_\_\_ Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Pump Series, Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ Total Hd in Feet \_\_\_\_\_

Certified for  Approval  Construction

By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

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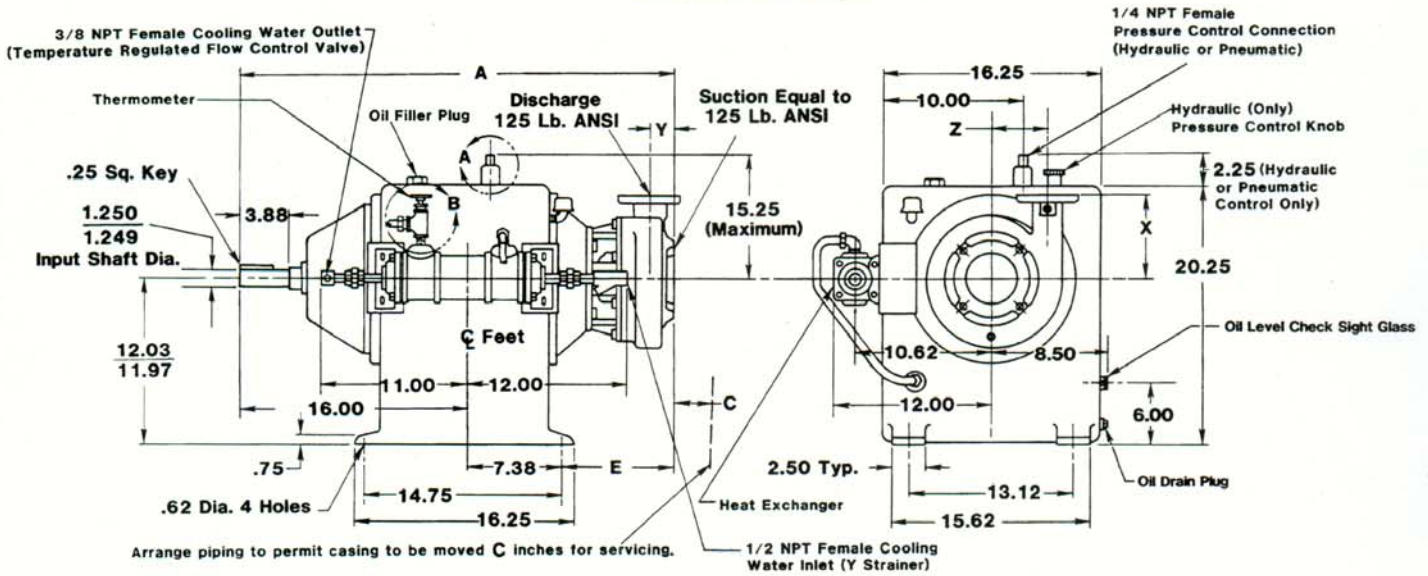


# VARIABLE SPEED PUMPING SYSTEMS

## Type MX

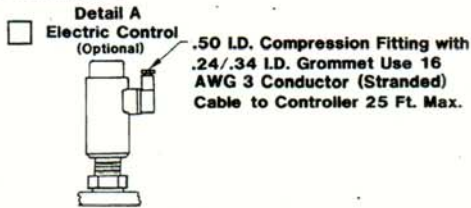
Fluid Coupling Sizes 9B & 11B

Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Series C Bronze Fitted  
End Suction Pumps

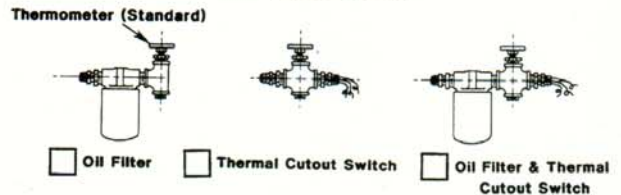


Arrange piping to permit casing to be moved C inches for servicing.

### Type Control Furnished:



### Detail B (Optional Items)



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

### NOTES:

1. All dimensions are in inches.
2. Only items marked  will be furnished.
3. Unit rotation is clockwise when viewed from motor end.
4. See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

X	Pump Series, Type Style	Suction Size Flg.	Discharge Size Flg.	A	C	E	X	Y	Z	O.D.P. Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C1050AM	6	5	33.44	6.38	10.06	9.00	3.19	7.12	213T	9B	1750	685
	C1050AP	6	5	37.50	6.38	14.12	9.00	3.19	7.12	213T	9B	1750	685
	C1050AM	6	5	33.44	6.38	10.06	9.00	3.19	7.12	215T	9B,11B	1750	700
	C1050AP	6	5	37.50	6.38	14.12	9.00	3.19	7.12	215T	9B,11B	1750	700
	C1050AM	6	5	34.69	6.38	11.31	9.00	3.19	7.12	254T	9B,11B	1750	770
	C1050AP	6	5	37.50	6.38	14.12	9.00	3.19	7.12	254T	9B,11B	1750	770
	C1050AM	6	5	34.69	6.38	11.31	9.00	3.19	7.12	256T	11B	1750	790
	C1050AP	6	5	37.50	6.38	14.12	9.00	3.19	7.12	256T	11B	1750	790
	C1050AM	6	5	34.69	6.38	11.31	9.00	3.19	7.12	284T	11B	1750	880
	C1050AP	6	5	37.50	6.38	14.12	9.00	3.19	7.12	284T	11B	1750	880
	C1220AM	2 1/2	2	30.20	4.25	6.82	7.75	2.12	6.81	215T	9B,11B	1750	630
	C1220AP	2 1/2	2	33.98	4.25	10.60	7.75	2.12	6.81	215T	9B,11B	1750	630
	C1220AM	2 1/2	2	31.20	4.25	7.82	7.75	2.12	6.81	254T	9B,11B	1750	700
	C1220AP	2 1/2	2	33.98	4.25	10.60	7.75	2.12	6.81	254T	9B,11B	1750	700
	C1220AM	2 1/2	2	31.20	4.25	7.82	7.75	2.12	6.81	256T	11B	1750	720
	C1220AP	2 1/2	2	33.98	4.25	10.60	7.75	2.12	6.81	256T	11B	1750	720

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

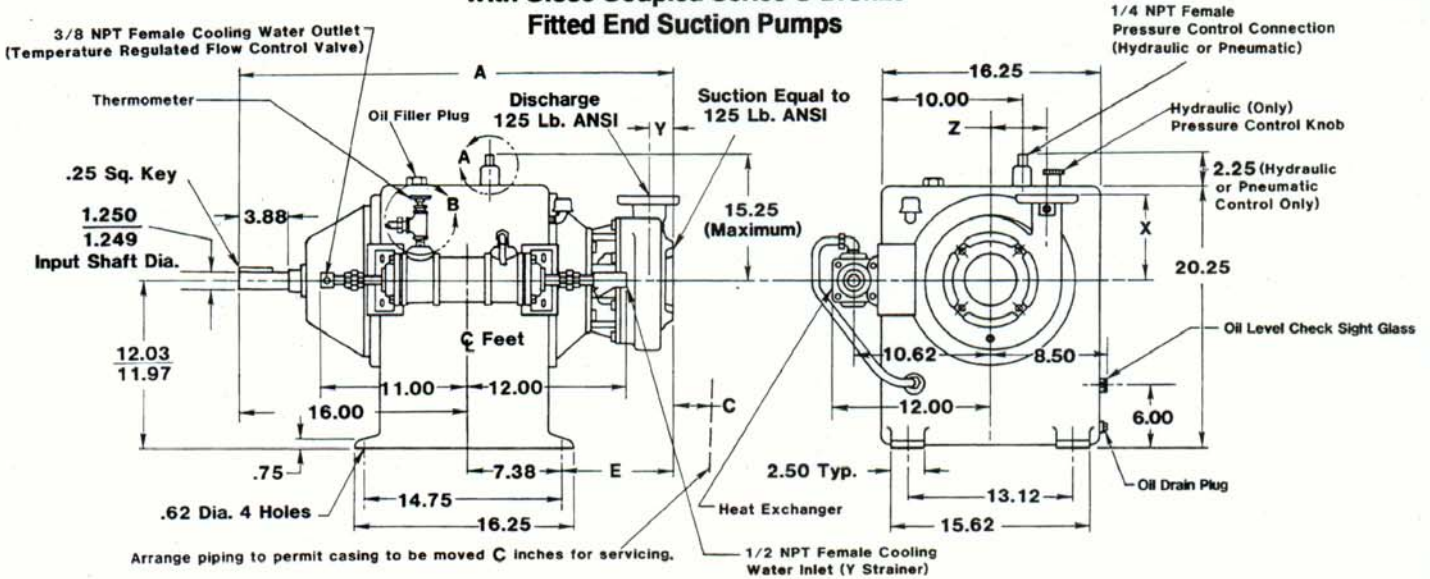


# VARIABLE SPEED PUMPING SYSTEMS

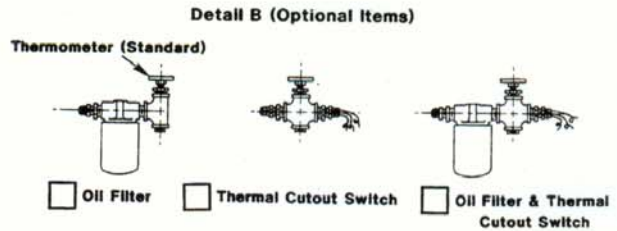
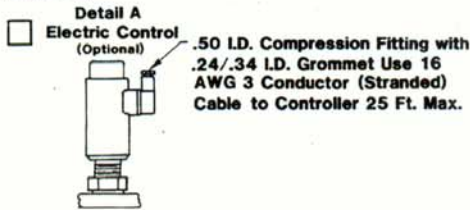


Peerless Pump Company  
Indianapolis, IN 46207-7026

## Type MX Fluid Couplings Sizes 9B & 11B Hydroconstant® Variable Speed Fluid Drives With Close Coupled Series C Bronze Fitted End Suction Pumps



Type Control Furnished:



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

X	Pump Series, Type Style	Suction Size Fig.	Discharge Size Fig.	A	C	E	X	Y	Z	O.D.P. Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C1230AM	4	3	30.50	4.50	7.12	9.00	2.25	7.12	215T	9B,11B	1750	640
	C1230AP	4	3	34.28	4.50	10.90	9.00	2.25	7.12	215T	9B,11B	1750	640
	C1230AM	4	3	31.50	4.50	8.12	9.00	2.25	7.12	254T	9B,11B	1750	705
	C1230AP	4	3	34.28	4.50	10.90	9.00	2.25	7.12	254T	9B,11B	1750	705
	C1230AM	4	3	31.50	4.50	8.12	9.00	2.25	7.12	256T	11B	1750	725
	C1230AP	4	3	34.28	4.50	10.90	9.00	2.25	7.12	256T	11B	1750	725
	C1230AM	4	3	31.50	4.50	8.12	9.00	2.25	7.12	284T	11B	1750	815
	C1230AP	4	3	34.28	4.50	10.90	9.00	2.25	7.12	284T	11B	1750	815
	C1230AM	4	3	31.50	4.50	8.12	9.00	2.25	7.12	286T	11B	1750	855
	C1230AP	4	3	34.28	4.50	10.90	9.00	2.25	7.12	286T	11B	1750	855
	C1240AM	5	4	31.72	4.88	8.34	9.00	2.44	7.50	254T	9B,11B	1750	725
	C1240AP	5	4	34.50	4.88	11.12	9.00	2.44	7.50	254T	9B,11B	1750	725
	C1240AM	5	4	31.72	4.88	8.34	9.00	2.44	7.50	256T	11B	1750	745
	C1240AP	5	4	34.50	4.88	11.12	9.00	2.44	7.50	256T	11B	1750	745
	C1240AM	5	4	31.72	4.88	8.34	9.00	2.44	7.50	284T	11B	1750	835
	C1240AP	5	4	34.50	4.88	11.12	9.00	2.44	7.50	284T	11B	1750	835
	C1240AM	5	4	31.72	4.88	8.34	9.00	2.44	7.50	286T	11B	1750	875
	C1240AP	5	4	34.50	4.88	11.12	9.00	2.44	7.50	286T	11B	1750	875
	C1240AM	5	4	31.72	4.88	8.34	9.00	2.44	7.50	324T	11B	1750	985
	C1240AP	5	4	34.50	4.88	11.12	9.00	2.44	7.50	324T	11B	1750	985

NOTES:

- All dimensions are in inches.
- Only items marked  will be furnished.
- Unit rotation is clockwise when viewed from motor end.
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

DT4850839  
Rev. 7-85



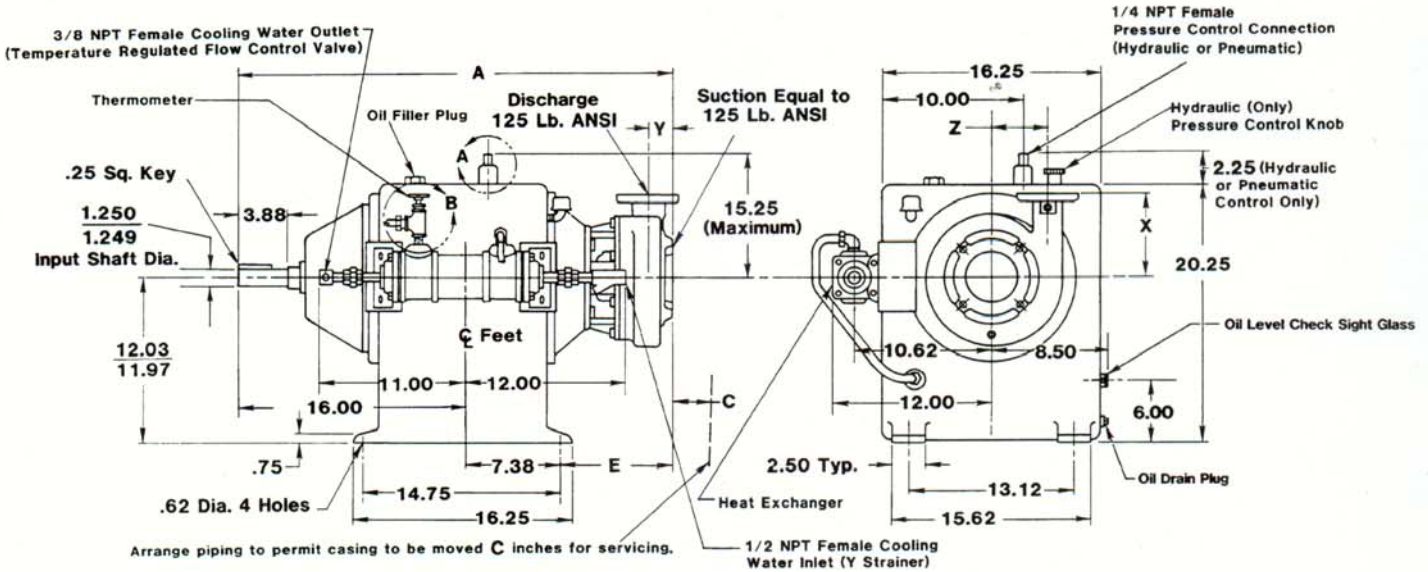


# VARIABLE SPEED PUMPING SYSTEMS

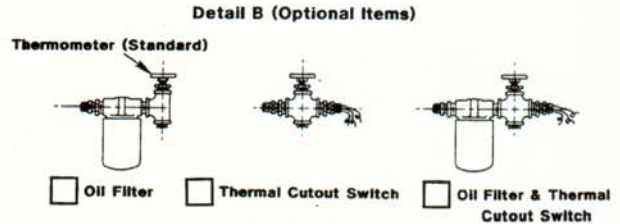
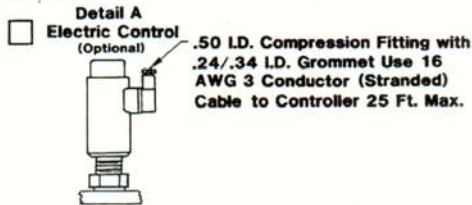
## Type MX

Fluid Coupling Sizes 9B & 11B

**Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Series C Bronze Fitted  
End Suction Pumps**



**Type Control Furnished:**



Hydraulic \_\_\_\_\_ PSI Set Pressure  Pneumatic \_\_\_\_\_ PSI Set Pressure

**NOTES:**

- All dimensions are in inches.
- Only items marked  will be furnished.
- Unit rotation is clockwise when viewed from motor end.
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

X	Pump Series, Type Style	Suction Size Fig.	Discharge Size Fig.	A	C	E	X	Y	Z	O.D.P. Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C1250AM	6	5	32.98	7.00	9.60	9.38	3.50	8.00	284T	11B	1750	860
	C1250AP	6	5	35.76	7.00	12.38	9.38	3.50	8.00	284T	11B	1750	860
	C1250AM	6	5	32.98	7.00	9.60	9.38	3.50	8.00	286T	11B	1750	900
	C1250AP	6	5	35.76	7.00	12.38	9.38	3.50	8.00	286T	11B	1750	900
	C1250AM	6	5	32.98	7.00	9.60	9.38	3.50	8.00	324T	11B	1750	1010
	C1250AP	6	5	35.76	7.00	12.38	9.38	3.50	8.00	324T	11B	1750	1010
	C1250AM	6	5	32.98	7.00	9.60	9.38	3.50	8.00	326T	11B	1750	1060
	C1250AP	6	5	35.76	7.00	12.38	9.38	3.50	8.00	326T	11B	1750	1060
	C1425M	4	2 1/2	32.98	5.82	8.46	8.62	2.91	7.75	254T	9B,11B	1750	770
	C1425P	4	2 1/2	35.76	5.82	11.50	8.62	2.91	7.75	254T	9B,11B	1750	770
	C1425M	4	2 1/2	32.98	5.82	8.46	8.62	2.91	7.75	256T	11B	1750	790
	C1425P	4	2 1/2	35.76	5.82	11.50	8.62	2.91	7.75	256T	11B	1750	790
	C1425M	4	2 1/2	32.98	5.82	8.46	8.62	2.91	7.75	284T	11B	1750	880
	C1425P	4	2 1/2	35.76	5.82	11.50	8.62	2.91	7.75	284T	11B	1750	880
	C1425M	4	2 1/2	32.98	5.82	8.46	8.62	2.91	7.75	286T	11B	1750	920
	C1425P	4	2 1/2	35.76	5.82	11.50	8.62	2.91	7.75	286T	11B	1750	920

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.



# VARIABLE SPEED PUMPING SYSTEMS

## Type MX

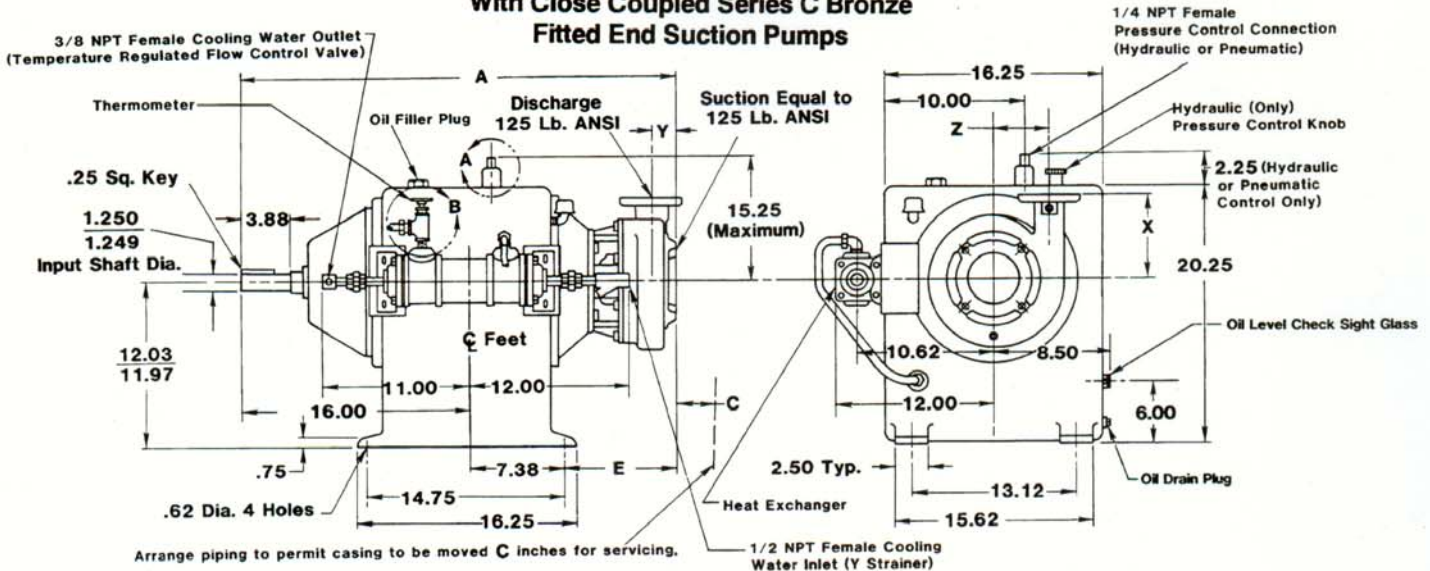


Peerless Pump Company  
Indianapolis, IN 46207-7026

### Fluid Couplings Sizes 9B & 11B

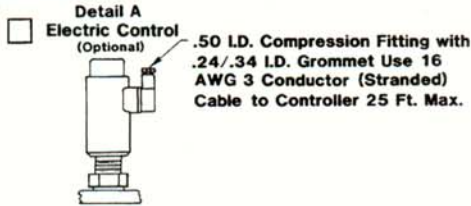
### Hydroconstant® Variable Speed Fluid Drives

### With Close Coupled Series C Bronze Fitted End Suction Pumps

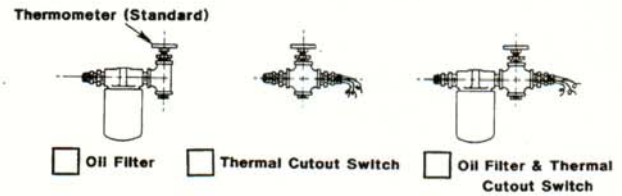


Arrange piping to permit casing to be moved C inches for servicing.

**Type Control Furnished:**



**Detail B (Optional Items)**



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

X	Pump Series, Type Style	Suction Size Fig.	Discharge Size Fig.	A	C	E	X	Y	Z	O.D.P. Motor Frame	Fluid Coupling		Unit Wt. Lbs.
											Size	Nominal RPM	
	C1430M	4	3	31.84	5.82	8.46	8.62	2.91	8.00	254T	9B,11B	1750	770
	C1430P	4	3	34.88	5.82	11.50	8.62	2.91	8.00	254T	9B,11B	1750	770
	C1430M	4	3	31.84	5.82	8.46	8.62	2.91	8.00	256T	11B	1750	790
	C1430P	4	3	34.88	5.82	11.50	8.62	2.91	8.00	256T	11B	1750	790
	C1430M	4	3	31.84	5.82	8.46	8.62	2.91	8.00	284T	11B	1750	880
	C1430P	4	3	34.88	5.82	11.50	8.62	2.91	8.00	284T	11B	1750	880
	C1430M	4	3	31.84	5.82	8.46	8.62	2.91	8.00	286T	11B	1750	920
	C1430P	4	3	34.88	5.82	11.50	8.62	2.91	8.00	286T	11B	1750	920
	C1430M	4	3	31.84	5.82	8.46	8.62	2.91	8.00	324T	11B	1750	1030
	C1430P	4	3	34.88	5.82	11.50	8.62	2.91	8.00	324T	11B	1750	1030
	C1430M	4	3	31.84	5.82	8.46	8.62	2.91	8.00	326T	11B	1750	1080
	C1430P	4	3	34.88	5.82	11.50	8.62	2.91	8.00	326T	11B	1750	1080
	C1440M	5	4	31.84	5.56	8.46	10.00	2.78	8.50	284T	11B	1750	880
	C1440P	5	4	34.88	5.56	11.50	10.00	2.78	8.50	284T	11B	1750	880
	C1440M	5	4	31.84	5.56	8.46	10.00	2.78	8.50	286T	11B	1750	920
	C1440P	5	4	34.88	5.56	11.50	10.00	2.78	8.50	286T	11B	1750	920
	C1440M	5	4	31.84	5.56	8.46	10.00	2.78	8.50	324T	11B	1750	1030
	C1440P	5	4	34.88	5.56	11.50	10.00	2.78	8.50	324T	11B	1750	1030
	C1440M	5	4	31.84	5.56	8.46	10.00	2.78	8.50	326T	11B	1750	1080
	C1440P	5	4	34.88	5.56	11.50	10.00	2.78	8.50	326T	11B	1750	1080

**NOTES:**

- All dimensions are in inches.
- Only items marked  will be furnished.
- Unit rotation is clockwise when viewed from motor end.
- See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

DT4850841  
Rev. 7-85



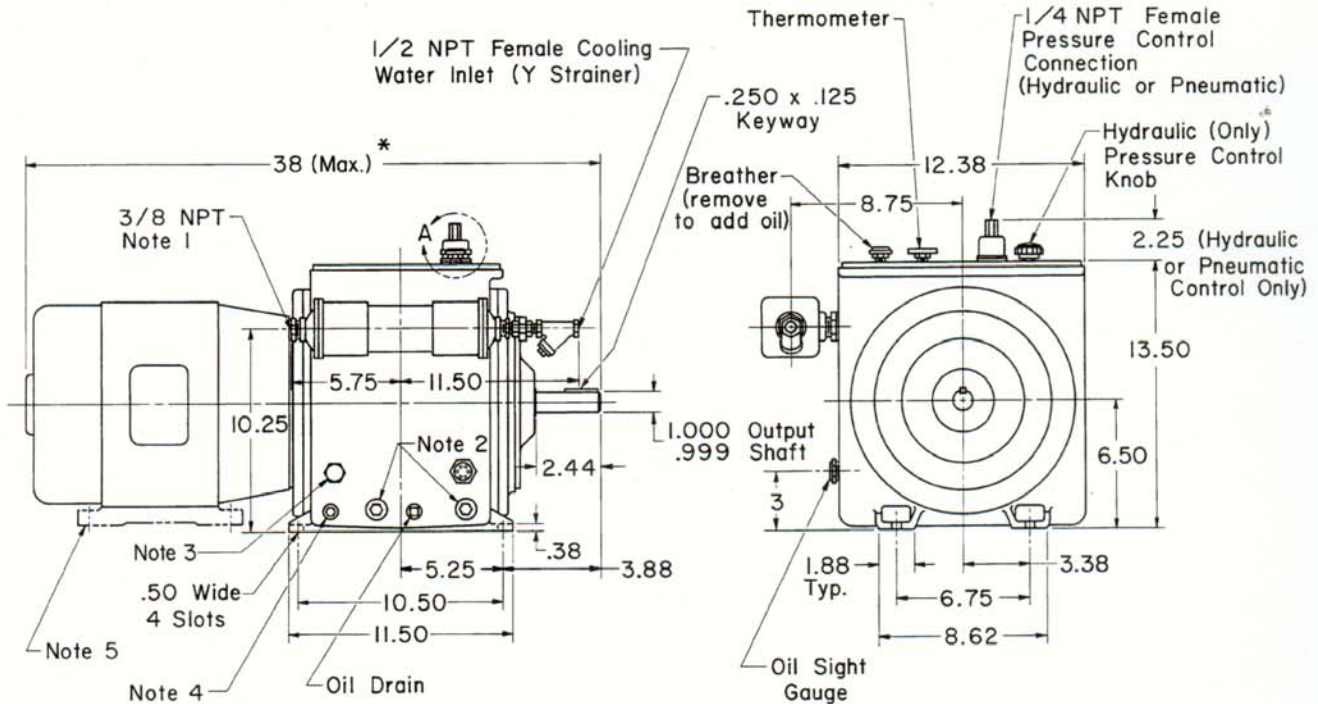


# VARIABLE SPEED PUMPING SYSTEMS

## Type M

Fluid Coupling Sizes 6B & 8C

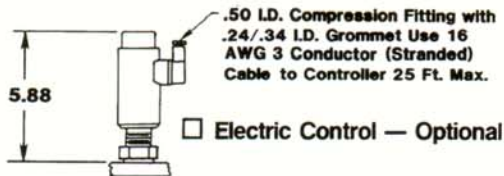
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Open Drip Proof Motors



### Type Control Furnished:

(Detail A)

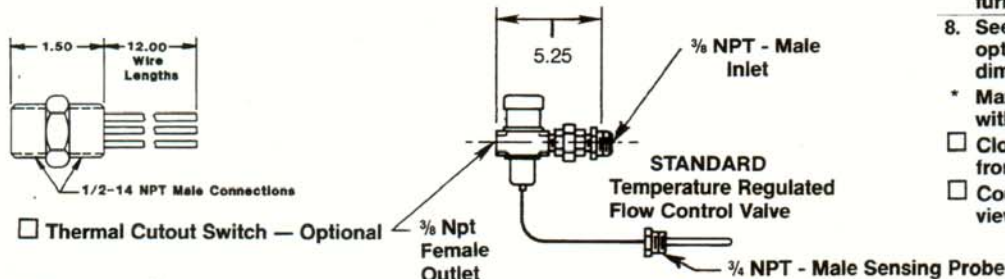
- Hydraulic ——— PSI Set Pressure
- Pneumatic ——— PSI Set Pressure



HP	Nom. RPM	Unit with O.D.P. Motor Weight - Lbs.
3	1750	235
5	1750	245
7½	1750	290
3	3500	210
5	3500	235
7½	3500	245
10	3500	290
15	3500	315

### NOTES:

1. 3/8 NPT connections for temperature regulated control valve.
  2. 3/8 NPT cooling water connections for 3-5 hp. units.
  3. 3/4 NPT - Male sensing probe, in-installed here.
  4. 1/2 NPT connection for thermal cut-out switch.
  5. Motor feet — DO NOT tie down to foundation.
  6. All dimensions are in inches.
  7. Only items marked  will be furnished.
  8. See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimensions may be less with different make motors.
- Clockwise Rotation when viewed from motor end.
  - Counter-clockwise Rotation when viewed from motor end.



CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

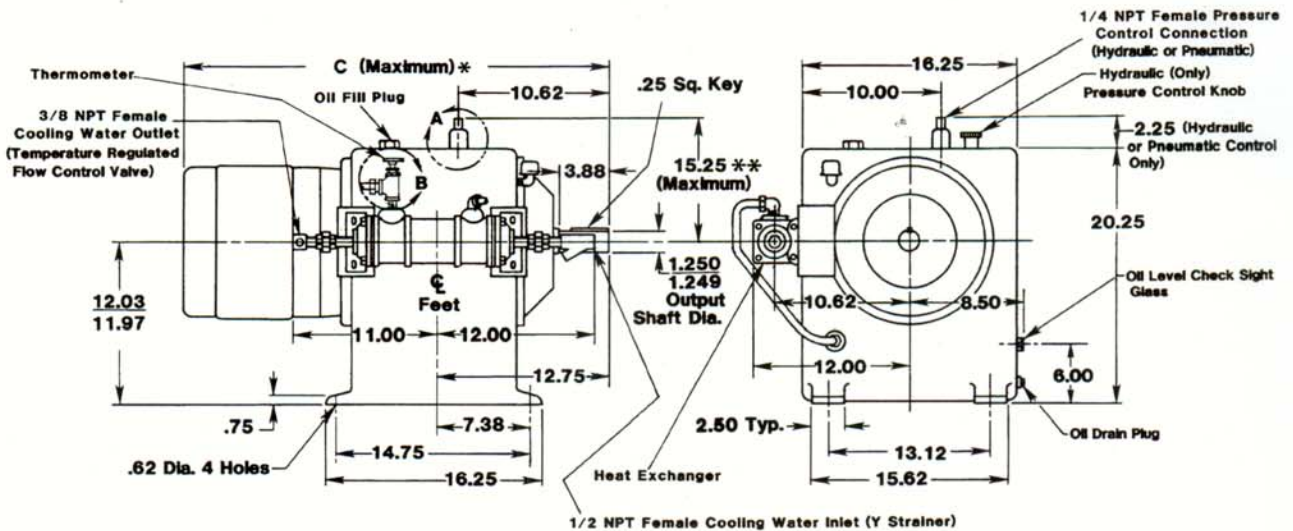
Subject to change unless certified for construction.

# VARIABLE SPEED PUMPING SYSTEMS Type M

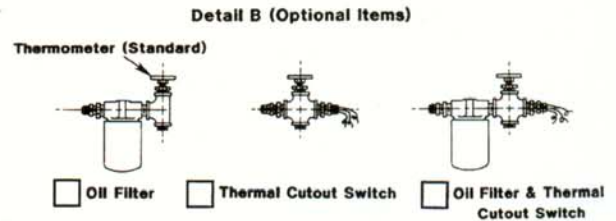
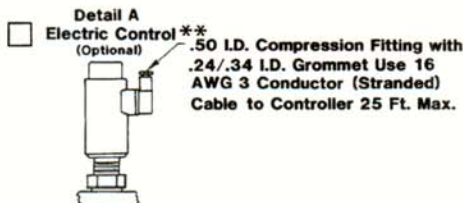
Fluid Couplings Sizes 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors



Peerless Pump Company  
Indianapolis, IN 46207-7026



**Type Control Furnished:**



Hydraulic \_\_\_\_\_ PSI Set Pressure     Pneumatic \_\_\_\_\_ PSI Set Pressure

**NOTES:**

1. All dimensions are in inches.
  2. Only items marked  will be furnished.
  3. See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- \* Maximum dimension may be less with different make motors.
- Unit rotation is clockwise when viewed from motor end.  
 Unit rotation is counter-clockwise when viewed from motor end.

Motor Hp.	Fluid Coupling Size	Nominal Motor RPM															
		1750						3500									
		Open Drip Proof			Totally Enclosed			Open Drip Proof			Totally Enclosed						
X	Frame	C	Unit Wt. Lbs.	X	Frame	C	Unit Wt. Lbs.	Fluid Coupling Size	X	Frame	C	Unit Wt. Lbs.	X	Frame	C	Unit Wt. Lbs.	
7.5	9B	213TC	33.00	620	213TC	35.56	634	—	—	—	—	—	—	—	—	—	—
10	9B	215TC	34.50	650	215TC	37.06	659	—	—	—	—	—	—	—	—	—	—
15	9B	254TC	36.00	725	254TC	39.88	743	9B	215TC	34.50	650	254TC	37.06	659	—	—	—
20	11B	256TC	38.62	760	256TC	41.62	781	9B	254TC	36.88	725	256TC	39.88	743	—	—	—
25	11B	284TSC	38.69	800	284TSC	42.07	829	9B	256TC	38.62	760	284TSC	41.62	781	—	—	—
30	11B	286TSC	40.19	810	286TSC	43.57	844	9B	284TSC	38.69	800	286TSC	42.07	829	—	—	—
40	11B	324TSC	42.37	900	324TSC	46.21	951	9B	286TSC	40.19	850	324TSC	43.57	884	—	—	—
50	11B	326TSC	43.87	950	326TSC	47.71	1016	9B	324TSC	42.37	925	326TSC	46.21	976	—	—	—

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE OR MODEL NO. \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.





Peerless Pump Company  
Indianapolis, IN 46207-7026

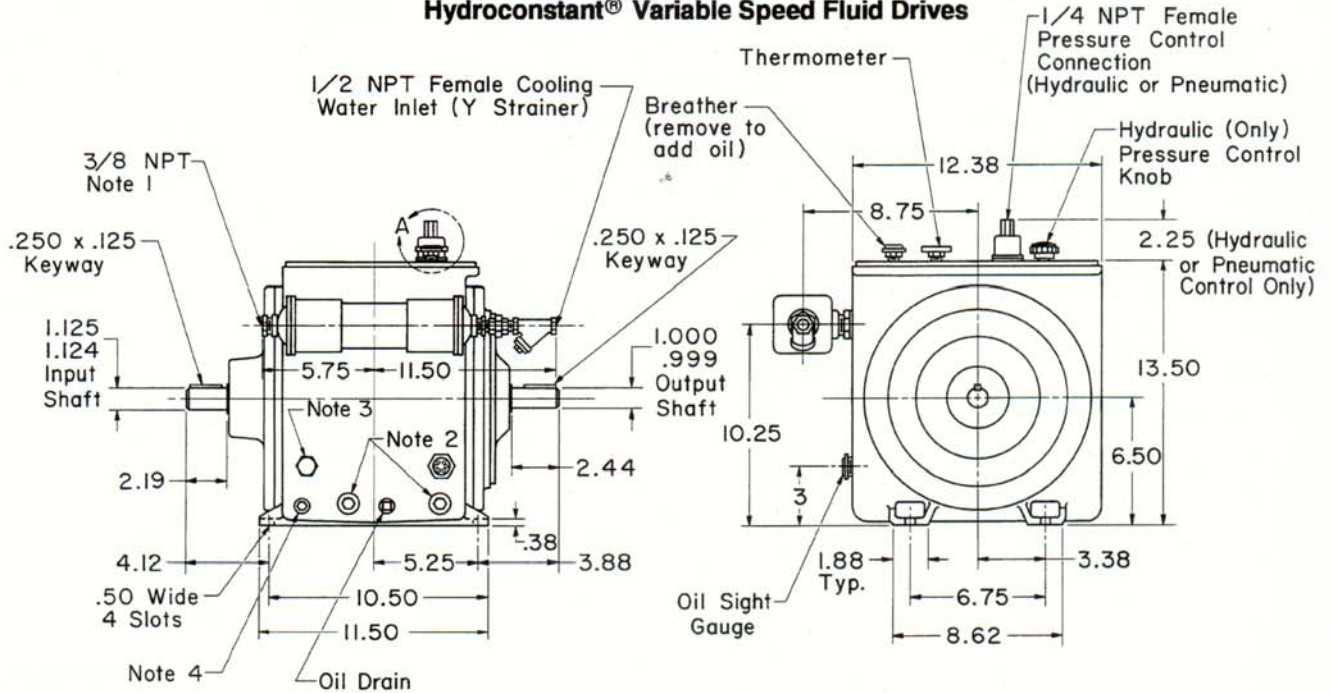
# VARIABLE SPEED PUMPING SYSTEMS

SECTION 4130  
Page 8.21  
January 29, 1990

## Type MO

Fluid Coupling Sizes 6B & 8C

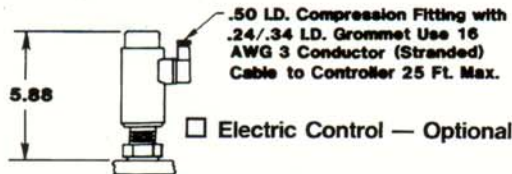
Hydroconstant® Variable Speed Fluid Drives



MO Unit Weight 185 Lbs.

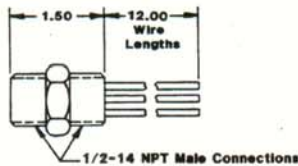
### Type Control Furnished: (Detail A)

- Hydraulic \_\_\_\_\_ PSI Set Pressure
- Pneumatic \_\_\_\_\_ PSI Set Pressure

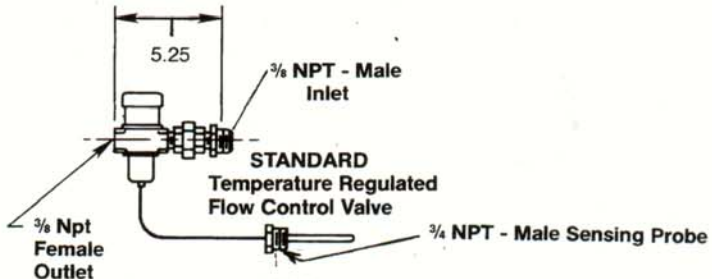


### NOTES:

1. 3/8 NPT connections for temperature regulated control valve.
  2. 3/8 NPT cooling water connections for 3-5 hp. units.
  3. 1/4 NPT - Male sensing probe, installed here.
  4. 1/2 NPT connection for thermal cut-out switch.
  5. All dimensions are in inches.
  6. Only items marked  will be furnished.
  7. See Section 4130 page 75 for optional thermal cutout switch dimensions and data.
- Clockwise Rotation when viewed from motor end.
  - Counter-clockwise Rotation when viewed from motor end.



Thermal Cutout Switch — Optional



CUSTOMER _____	JOB NAME _____
P.O. NO. _____	ITEM NO. _____
S.O. NO. _____	SERIAL NO. _____
MOTOR MFR. _____ ENCL. _____ FRAME _____	H.P. _____ VOLTS _____ PH. _____ HZ. _____
PUMP SERIES, TYPE, STYLE _____	RPM _____ G.P.M. _____ TOTAL HD. FT. _____
CERTIFIED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	BY _____ DATE _____

Subject to change unless certified for construction.

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Rev. 1-90

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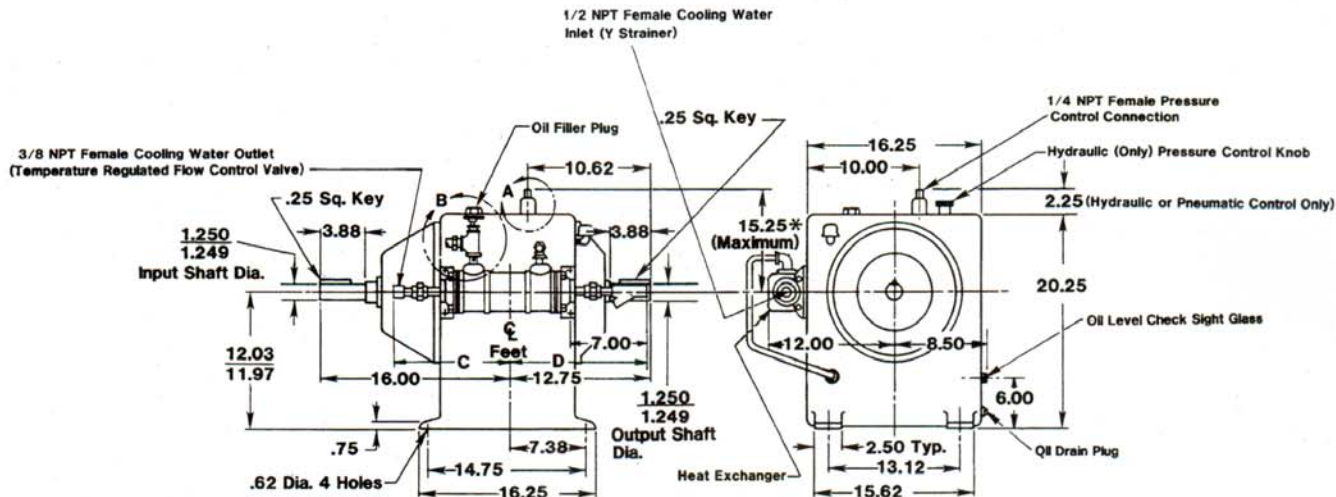




# VARIABLE SPEED PUMPING SYSTEMS

## Type MO

Fluid Coupling Sizes 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives



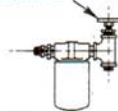
**Detail A**  
Electric Control\* (Optional)  
\*.50 I.D. Compression Fitting with  
.24/.34 I.D. Grommet Use 16  
AWG 3 Conductor (Stranded)  
Cable to Controller 25 Ft. Max.



Heat Exchanger		
Dimension	C	D
7.5-50 hp	11.0	12.0
60-100 hp	16.0	17.0

**Detail B (Optional Items)**

Thermometer (Standard)



Oil Filter

Thermal Cutout Switch

Oil Filter & Thermal Cutout Switch

- Hydraulic \_\_\_\_\_ PSI Set Pressure  
 Pneumatic \_\_\_\_\_ PSI Set Pressure

- Unit rotation is clockwise when viewed from input shaft end.  
 Unit rotation is counter-clockwise when viewed from input shaft end.

**NOTES:**

1. All dimensions are in inches.
2. Only items marked  will be furnished.
3. See Section 4130 page 75 for optional thermal cutout switch dimensions and data.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE OR MODEL NO. \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

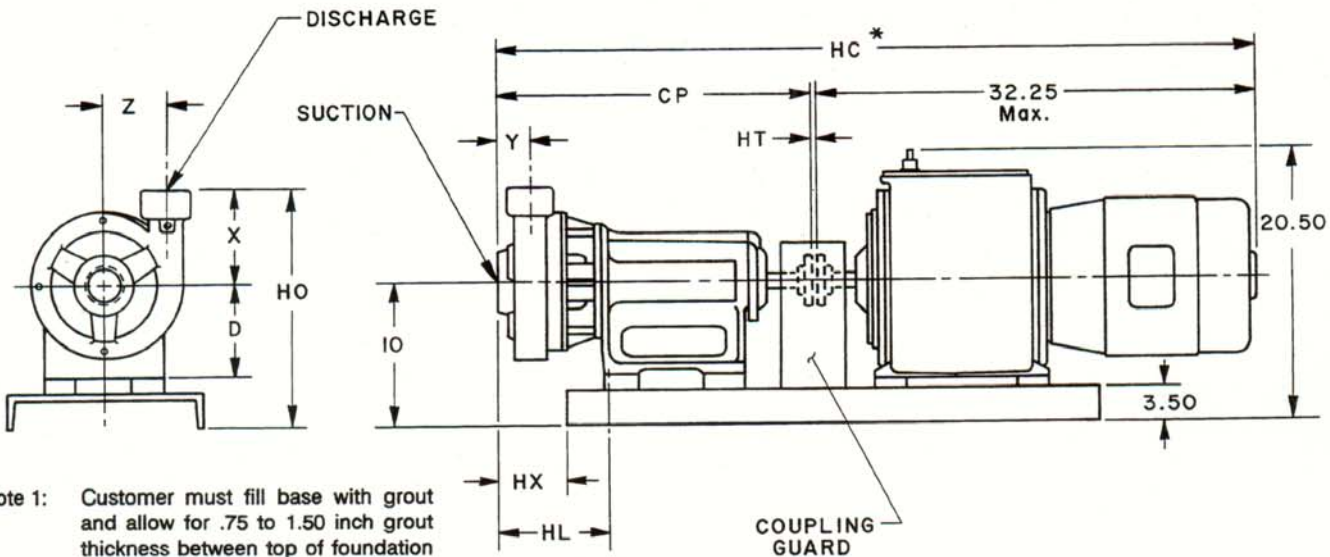
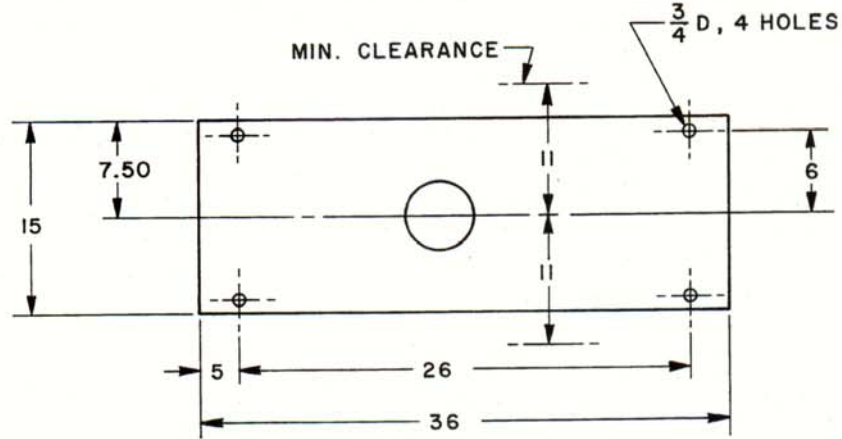
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**VARIABLE SPEED PUMPING  
 SYSTEMS  
 Type M**



Peerless Pump Company  
 Indianapolis, IN 46207-7026

**Fluid Couplings Sizes 6B& 8C  
 Hydroconstant® Variable Speed Fluid Drives  
 With Close Coupled Motors and  
 Flexible Coupled Series F Base Mounted Pumps**



- Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.
- Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

CUSTOMER _____	JOB NAME _____
P.O. NO. _____	ITEM NO. _____
S.O. NO. _____	SERIAL NO. _____
MOTOR MFR. _____ ENCL. _____ FRAME _____	H.P. _____ VOLTS _____ PH. _____ HZ. _____
PUMP SERIES, TYPE, STYLE _____	RPM _____ G.P.M. _____ TOTAL HD. FT. _____
CERTIFIED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	BY _____ DATE _____

Subject to change unless certified for construction.





**VARIABLE SPEED  
PUMPING SYSTEMS**

**Type M**

**Fluid Couplings Sizes 6B& 8C**

**Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors and  
Flexible Coupled Series F Base Mounted Pumps**

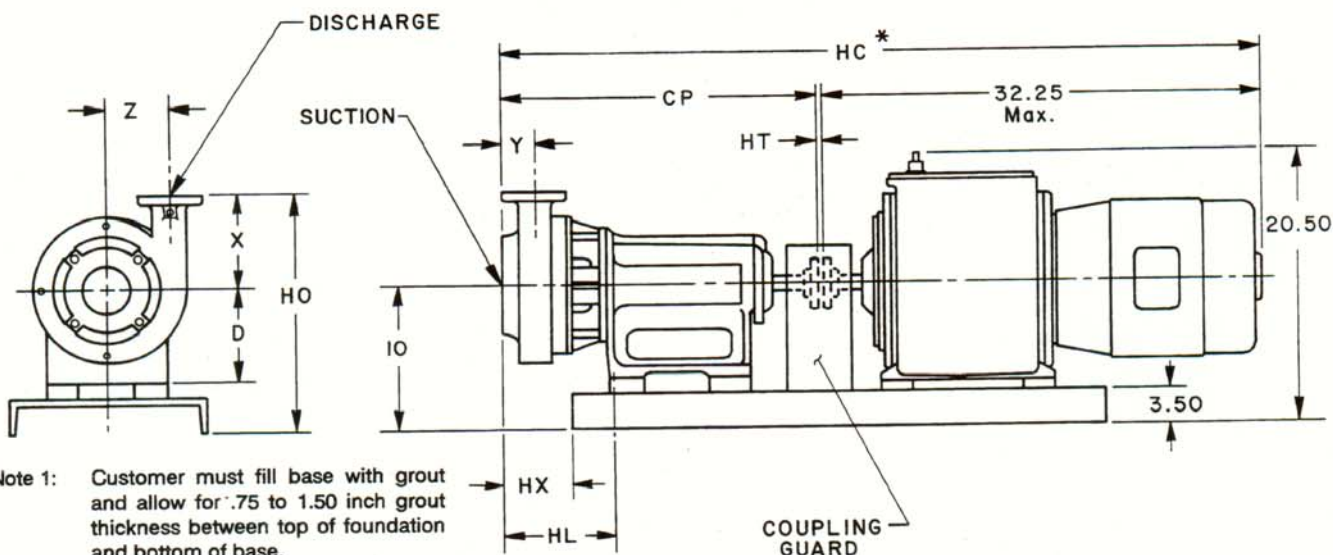
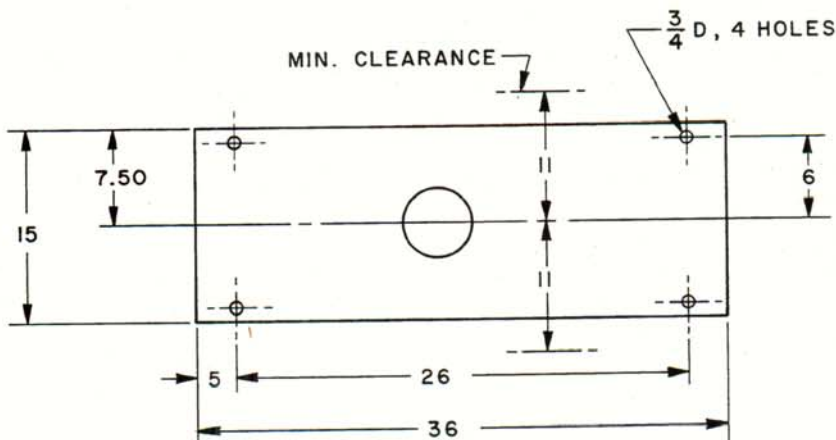
X	Pump Series, Type, Style	PUMP DIMENSIONS - INCHES										UNIT DIMENSIONS - INCHES					APPROXIMATE WEIGHTS - LBS.			
		Max. Rpm	Max. Motor Frame Size	Fluid Drive Model No.	Suction Size NPT	Dis-charge Size NPT	CP	D	X	Y	Z	HC*	HL	HO	HT	HX	Pump	Base Cplg., Guard	M Unit with ODP Motor	Total Unit
	F1610AM	3500	184T	M6B/8C	2	1	19.44	5.31	4.75	2.62	3.38	52.19	10.62	14.75	.50	5.62	65	100	245	410
	F1610AP	3500	184T	M6B/8C	2	1	22.44	5.31	4.75	2.62	3.38	55.19	13.62	14.75	.50	8.62	65	100	245	410
	F1615AM	3500	213T	M6B/8C	2	1.5	19.69	5.31	5.00	2.75	3.62	52.69	10.88	15.00	.75	5.88	70	100	290	460
	F1615AP	3500	213T	M6B/8C	2	1.5	22.69	5.31	5.00	2.75	3.62	55.69	13.88	15.00	.75	8.88	70	100	290	460
	F1615JM	3500	213T	M6B/8C	2	1.5	19.69	5.31	5.00	2.75	3.62	52.69	10.88	15.00	.75	5.88	70	100	290	460
	F1615JP	3500	213T	M6B/8C	2	1.5	22.69	5.31	5.00	2.75	3.62	55.69	13.88	15.00	.75	8.88	70	100	290	460
	F1620AM	3500	215T	M6B/8C	2.5	2	20.19	5.31	5.38	3.25	3.62	53.19	11.38	15.38	.75	6.38	75	100	315	490
	F1620AP	3500	215T	M6B/8C	2.5	2	23.19	5.31	5.38	3.25	3.62	56.19	14.38	15.38	.75	9.38	75	100	315	490
	F1810A, GM	1750	182T	M8C	2	1	19.56	5.31	5.12	2.75	4.38	52.31	10.75	15.12	.50	5.75	85	100	235	420
	F1810A, GP	1750	182T	M8C	2	1	22.56	5.31	5.12	2.75	4.38	52.69	13.75	15.12	.50	8.75	85	100	235	420
	F2810A, GM	3500	215T	M8C	2	1	21.19	6.31	5.12	2.75	4.38	54.19	12.37	15.12	.75	7.38	90	100	315	505
	F2810A, GP	3500	215T	M8C	2	1	23.94	6.31	5.12	2.75	4.38	54.32	15.12	15.12	.75	10.12	90	100	315	505
	F1820AM	1750	182T	M8C	2.5	2	19.94	5.31	6.00	3.12	4.62	52.69	11.12	16.00	.50	6.12	105	100	235	440
	F1820AP	1750	182T	M8C	2.5	2	22.94	5.31	6.00	3.12	4.62	55.69	14.12	16.00	.50	9.12	105	100	235	440
	F2820AM	3500	215T	M8C	2.5	2	21.69	6.31	6.00	3.12	4.62	54.69	12.75	16.00	.75	7.75	110	100	315	525
	F2820AP	3500	215T	M8C	2.5	2	24.56	6.31	6.00	3.12	4.62	57.56	15.62	16.00	.75	10.62	110	100	315	525

\*Maximum dimensions; may be less with different make motors or enclosures

**VARIABLE SPEED PUMPING  
 SYSTEMS  
 Type M  
 Fluid Couplings Sizes 8C  
 Hydroconstant® Variable Speed Fluid Drives  
 With Close Coupled Motors and  
 Flexible Coupled Series F Base Mounted Pumps**



Peerless Pump Company  
 Indianapolis, IN 46207-7026



Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

CUSTOMER _____	JOB NAME _____
P.O. NO. _____	ITEM NO. _____
S.O. NO. _____	SERIAL NO. _____
MOTOR MFR. _____ ENCL. _____ FRAME _____	H.P. _____ VOLTS _____ PH. _____ HZ. _____
PUMP SERIES, TYPE, STYLE _____	RPM _____ G.P.M. _____ TOTAL HD. FT. _____
CERTIFIED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	BY _____ DATE _____

Subject to change unless certified for construction.





**VARIABLE SPEED  
PUMPING SYSTEMS**

**Type M**

**Fluid Couplings Sizes 8C**

**Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors and  
Flexible Coupled Series F Base Mounted Pumps**

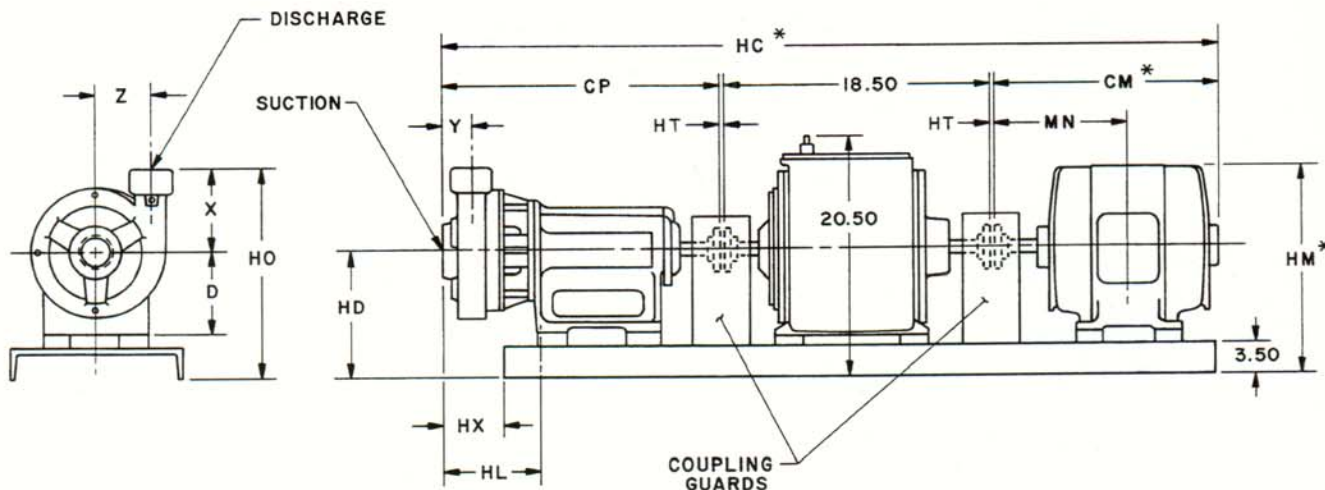
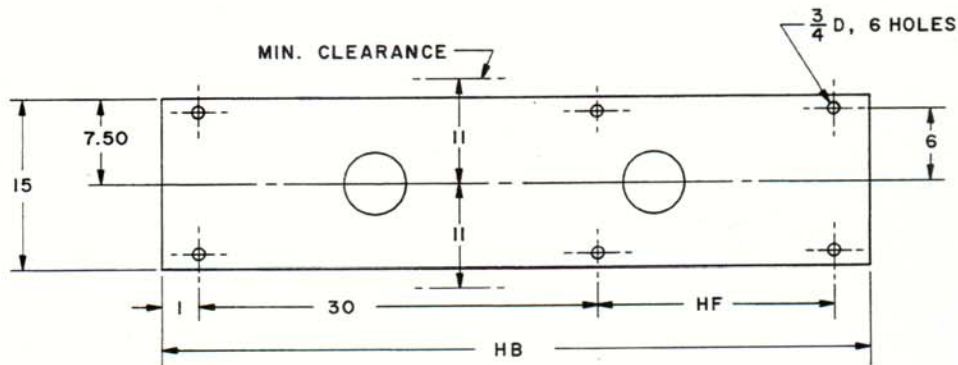
X	Pump Series, Type, Style	PUMP DIMENSIONS - INCHES									UNIT DIMENSIONS - INCHES					APPROXIMATE WEIGHTS - LBS.			
		Max. Rpm	Max. Motor Frame Size	Suction Flange Size Equivalent to 125 lb. ANSI	Discharge Flange Size 125 lb. ANSI	CP	D	X	Y	Z	HC*	HL	HO	HT	HX	Pump	Base Cplg. Guard	M Unit with ODP Motor	Total Unit
	F1825AM	1750	184T	3.0	2.5	19.19	5.31	7.25	2.25	4.88	51.94	10.38	17.25	.50	5.38	125	100	245	470
	F1825AP	1750	184T	3.0	2.5	22.19	5.31	7.25	2.25	4.88	54.94	13.38	17.25	.50	8.38	125	100	245	470
	F2825AM	3500	215T	3.0	2.5	20.94	6.31	7.25	2.25	4.88	53.94	12.12	17.25	.75	7.12	130	100	315	545
	F2825AP	3500	215T	3.0	2.5	23.69	6.31	7.25	2.25	4.88	56.69	14.88	17.25	.75	9.88	130	100	315	545
	F1830AM	1750	215T	4.0	3.0	19.19	5.31	7.50	2.12	5.25	52.19	10.38	17.50	.75	5.38	140	100	290	530
	F1830AP	1750	215T	4.0	3.0	22.19	5.31	7.50	2.12	5.25	55.19	13.38	17.50	.75	8.38	140	100	290	530
	F2830AM	3500	215T	4.0	3.0	20.81	6.31	7.50	2.12	5.25	53.81	12.00	17.50	.75	7.00	145	100	315	560
	F2830AP	3500	215T	4.0	3.0	23.56	6.31	7.50	2.12	5.25	56.56	14.75	17.50	.75	9.75	145	100	315	560
	F1840AM	1750	213T	5.0	4.0	20.81	5.31	7.38	3.00	5.88	53.81	12.00	17.38	.75	7.00	183	100	290	573
	F1840AP	1750	213T	5.0	4.0	23.81	5.31	7.38	3.00	5.88	56.81	15.00	17.38	.75	10.00	183	100	290	573
	F11020AM	1750	213T	2.5	2.0	19.56	5.31	7.00	2.50	5.88	52.56	10.75	17.00	.75	5.75	159	100	290	549
	F11020AP	1750	213T	2.5	2.0	22.56	5.31	7.00	2.50	5.88	55.56	13.75	17.00	.75	8.75	159	100	290	549
	F11025AM	1750	213T	3.0	2.5	19.69	5.31	7.50	2.25	5.88	52.69	10.88	17.50	.75	5.88	160	100	290	550
	F11025AP	1750	213T	3.0	2.5	22.69	5.31	7.50	2.25	5.88	55.69	13.88	17.50	.75	8.88	160	100	290	550
	F11030AM	1750	213T	4.0	3.0	19.69	5.31	7.50	2.12	6.25	52.69	10.88	17.50	.75	5.88	170	100	290	560
	F11030AP	1750	213T	4.0	3.0	22.69	5.31	7.50	2.12	6.25	55.69	13.88	17.50	.75	8.88	170	100	290	560

\*Maximum dimensions; may be less with different make motors or enclosures

**VARIABLE SPEED PUMPING  
 SYSTEMS  
 Type MO**  
 Fluid Couplings Sizes 6B & 8C  
 Hydroconstant® Variable Speed Fluid Drives  
 With Flexible Coupled Motors and  
 Flexible Coupled Series F Base Mounted Pumps



Peerless Pump Company  
 Indianapolis, IN 46207-7026



- Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.
- Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

CUSTOMER _____	JOB NAME _____
P.O. NO. _____	ITEM NO. _____
S.O. NO. _____	SERIAL NO. _____
MOTOR MFR. _____ ENCL. _____ FRAME _____	H.P. _____ VOLTS _____ PH. _____ HZ. _____
PUMP SERIES, TYPE, STYLE _____	RPM _____ G.P.M. _____ TOTAL HD. FT. _____
CERTIFIED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	BY _____ DATE _____

Subject to change unless certified for construction.





## VARIABLE SPEED PUMPING SYSTEMS

### Type MO

Fluid Couplings Sizes 6B & 8C

Hydroconstant® Variable Speed Fluid Drives

With Flexible Coupled Motors and

Flexible Coupled Series F Base Mounted Pumps

X	Pump Series, Type, Style	Maximum Rpm	PUMP DIMENSIONS - INCHES							COMMON DIMENSIONS - INCHES			Pump Weight Lbs.
			Suction Size NPT	Discharge Size NPT	CP	D	X	Y	Z	HL	HO	HX	
	F1610AM	3500	2.0	1.0	19.44	5.31	4.75	2.62	3.38	5.88	15.25	4.88	65
	F1610AP	3500	2.0	1.0	22.44	5.31	4.75	2.62	3.38	8.88	15.25	7.88	65
	F1615AM	3500	2.0	1.5	19.69	5.31	5.00	2.75	3.62	6.12	15.50	5.12	70
	F1615AP	3500	2.0	1.5	22.69	5.31	5.00	2.75	3.62	9.12	15.50	8.12	70
	F1615JM	3500	2.0	2.0	19.69	5.31	5.00	2.75	3.62	6.12	15.50	5.12	70
	F1615JP	3500	2.0	2.0	22.69	5.31	5.00	2.75	3.62	9.12	15.50	8.12	70
	F1620AM	3500	2.5	2.0	20.19	5.31	5.38	3.25	3.62	6.62	15.88	5.62	75
	F1620AP	3500	2.5	2.0	23.19	5.31	5.38	3.25	3.62	9.62	15.88	8.62	75
	F1810A,GM	1750	2.0	1.0	19.56	5.31	5.12	2.75	4.38	6.00	15.62	5.00	85
	F1810A,GP	1750	2.0	1.0	22.56	5.31	5.12	2.75	4.38	9.00	15.62	8.00	85
	F2810A,GM	3500	2.0	1.0	21.19	6.31	5.12	2.75	4.38	7.62	15.62	6.62	90
	F2810A,GP	3500	2.0	1.0	23.94	6.31	5.12	2.75	4.38	10.38	15.62	9.38	90
	F1820AM	1750	2.5	2.0	20.06	5.31	6.00	3.12	4.62	6.50	16.50	5.50	105
	F1820AP	1750	2.5	2.0	23.06	5.31	6.00	3.12	4.62	9.50	16.50	8.50	105
	F2820AM	3500	2.5	2.0	21.69	6.31	6.00	3.12	4.62	8.12	16.50	7.12	110
	F2820AP	3500	2.5	2.0	24.56	6.31	6.00	3.12	4.62	11.00	16.50	10.00	110

X	Pump Series, Type	Motor Frame Size	Fluid Drive Model	Nominal RPM	UNIT DIMENSIONS - INCHES										APPROXIMATE WEIGHT - LBS.			
					CM*	HB	HC*		HD	HF	HM	HT	MN	Base Coupling Guard	MO Fluid Drive	O.D.P. Motor	Total Unit	
							Style M Mech. Seal	Style P Packed										
	F1620A	182T	MO8C	1750	14.00	49	53.69	56.69	10.5	17	15.25	.50	7.25	150	185	58	468	
	F1810A	182T	MO8C	1750	14.00	49	53.06	56.06	10.5	17	15.25	.50	7.25	150	185	58	478	
	F1820A	182T	MO8C	1750	14.00	49	53.56	56.56	10.5	17	15.25	.50	7.25	150	185	58	498	
	F1820A	184T	MO8C	1750	15.00	49	54.56	57.56	10.5	17	15.25	.50	8.25	150	185	69	509	
	F1610A	182T	MO6B	3500	14.00	49	52.94	55.94	10.5	17	15.25	.50	7.75	150	185	58	458	
	F1610A	184T	MO6B/8C	3500	15.00	49	54.06	56.94	10.5	17	15.25	.50	8.25	150	185	69	469	
	F1615A	182T	MO6B	3500	14.00	49	53.19	56.19	10.5	17	15.25	.50	7.25	150	185	58	463	
	F1615A	184T	MO6B/8C	3500	15.00	49	54.19	57.19	10.5	17	15.25	.50	8.25	150	185	69	474	
	F1615A	213T	MO8C	3500	16.00	52	55.44	58.44	10.5	20	15.62	.75	9.62	150	185	114	519	
	F1615J	182T	MO6B	3500	14.00	49	53.19	56.19	10.5	17	15.25	.50	7.25	150	185	58	463	
	F1615J	184T	MO6B/8C	3500	15.00	49	54.19	57.19	10.5	17	15.25	.50	8.25	150	185	69	474	
	F1615J	213T	MO8C	3500	16.00	52	55.44	58.44	10.5	20	15.62	.75	9.62	150	185	114	519	
	F1620A	182T	MO6B	3500	14.00	49	53.69	56.69	10.5	17	15.25	.50	7.25	150	185	58	468	
	F1620A	184T	MO6B/8C	3500	15.00	49	54.69	57.69	10.5	17	15.25	.50	8.25	150	185	69	479	
	F1620A	213T	MO8C	3500	16.00	52	55.94	58.94	10.5	20	15.62	.75	9.62	150	185	114	524	
	F1620A	215T	MO8C	3500	17.38	52	57.31	60.31	10.5	20	15.62	.75	10.38	150	185	140	550	
	F2810A, G	184T	MO8C	3500	15.00	49	54.06	58.44	10.5	17	15.25	.50	8.25	175	185	69	519	
	F2810A, G	213T	MO8C	3500	16.00	52	55.31	59.69	10.5	20	15.62	.75	9.62	175	185	114	564	
	F2810A, G	215T	MO8C	3500	17.83	52	56.69	61.06	10.5	20	15.62	.75	10.38	175	185	140	590	
	F2810A, G	254T	MO8C	3500	20.75	55	59.81	64.19	10.5	23	16.75	.50	12.38	175	185	187	637	
	F2820A	213T	MO8C	3500	16.00	52	55.69	60.31	10.5	20	15.62	.75	9.62	175	185	114	584	
	F2820A	215T	MO8C	3500	17.38	52	57.06	61.69	10.5	20	15.62	.75	10.38	175	185	140	610	
	F2820A	254T	MO8C	3500	20.75	55	60.19	64.81	10.5	23	16.75	.50	12.38	175	185	187	657	
	F2820A	256T	MO8C	3500	22.50	55	61.94	66.56	10.5	23	16.75	.50	13.25	175	185	213	683	

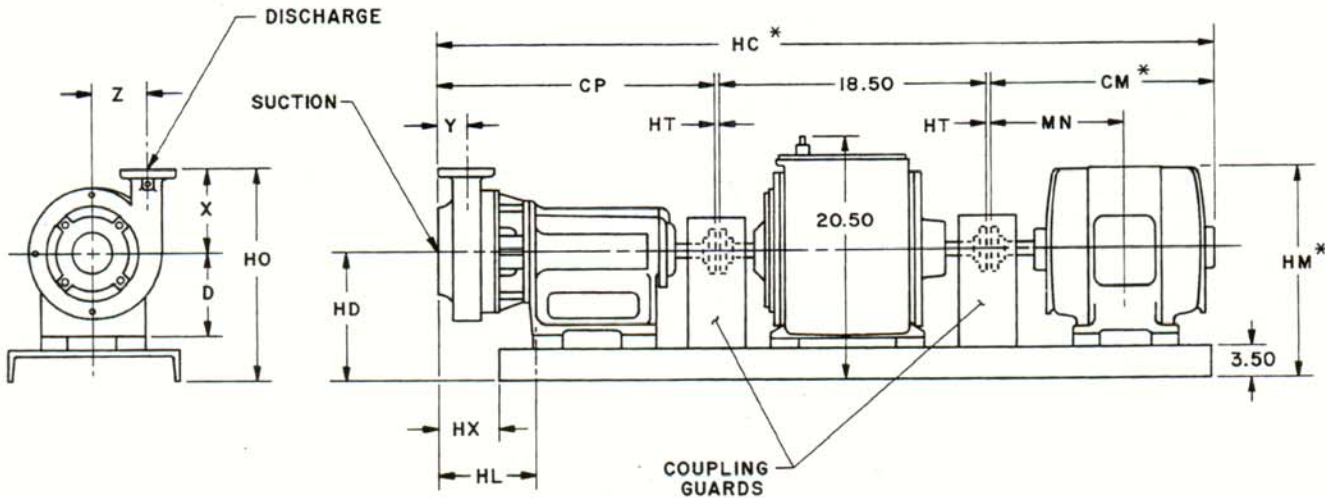
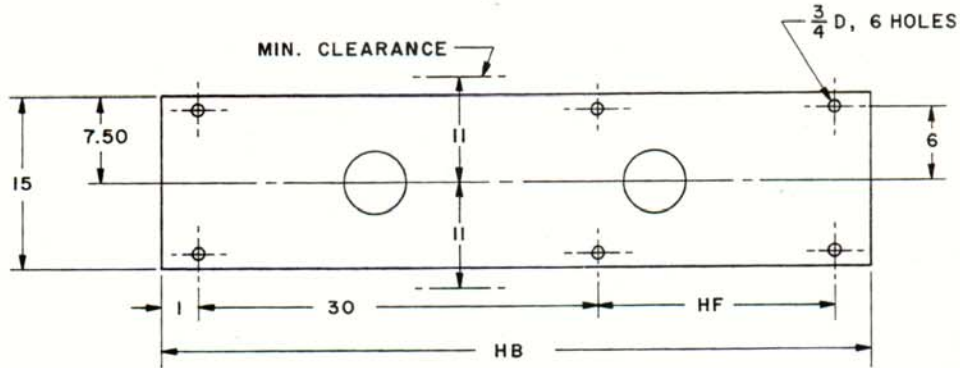
\*Maximum dimensions; may be less with different make motors or enclosures.

**VARIABLE SPEED PUMPING  
 SYSTEMS  
 Type MO**



Peerless Pump Company  
 Indianapolis, IN 46207-7026

**Fluid Couplings Sizes 8C  
 Hydroconstant® Variable Speed Fluid Drives  
 With Flexible Coupled Motors and  
 Flexible Coupled Series F Base Mounted Pumps**



Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
 P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
 S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
 MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
 PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
 CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.





## VARIABLE SPEED PUMPING SYSTEMS Type MO

### Fluid Couplings Sizes 8C

### Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and Flexible Coupled Series F Base Mounted Pumps

X	Pump Series Type, Style	Maximum Rpm	PUMP DIMENSIONS - INCHES							COMMON DIMENSIONS - INCHES			Pump Weight Lbs.
			Suction Flange Size Equivalent to 125 lb. ANSI	Discharge Flange Size 125 lb ANSI	CP	D	X	Y	Z	HL	HD	HX	
	F1825AM	1750	3.0	2.5	19.19	5.31	7.25	2.25	4.88	5.62	17.75	4.62	125
	F1825AP	1750	3.0	2.5	22.19	5.31	7.25	2.25	4.88	8.62	17.75	7.62	125
	F2825AM	3500	3.0	2.5	20.94	6.31	7.25	2.25	4.88	7.38	17.75	6.38	130
	F2825AP	3500	3.0	2.5	23.69	6.31	7.25	2.25	4.88	10.12	17.75	9.12	130
	F1830AM	1750	4.0	3.0	19.19	5.31	7.50	2.12	5.25	5.62	8.62	4.62	140
	F1830AP	1750	4.0	3.0	22.19	5.31	7.50	2.12	5.25	5.62	8.62	7.62	140
	F2830AM	3500	4.0	3.0	20.81	6.31	7.50	2.12	5.25	7.25	18.00	6.25	145
	F2830AP	3500	4.0	3.0	23.56	6.31	7.50	2.12	5.25	10.00	18.00	9.00	145
	F1840M	1750	5.0	4.0	20.81	5.31	7.38	3.00	5.88	7.25	17.88	6.25	183
	F1840P	1750	5.0	4.0	23.81	5.31	7.38	3.00	5.88	10.25	17.88	6.25	183
	F11020AM	1750	2.5	2.0	19.56	5.31	7.00	2.50	5.88	6.00	17.50	5.00	159
	F11020AP	1750	2.5	2.0	22.56	5.31	7.00	2.50	5.88	9.00	17.50	8.00	159
	F11025AM	1750	3.0	2.5	19.69	5.31	7.50	2.25	5.88	6.12	18.00	5.12	160
	F11025AP	1750	3.0	2.5	22.69	5.31	7.50	2.25	5.88	9.12	18.00	8.12	160
	F11030AP	1750	4.0	3.0	19.69	5.31	7.50	2.50	6.25	6.12	18.00	5.12	170
	F11030AP	1750	4.0	3.0	22.69	5.31	7.50	2.50	6.25	9.12	18.00	8.12	170

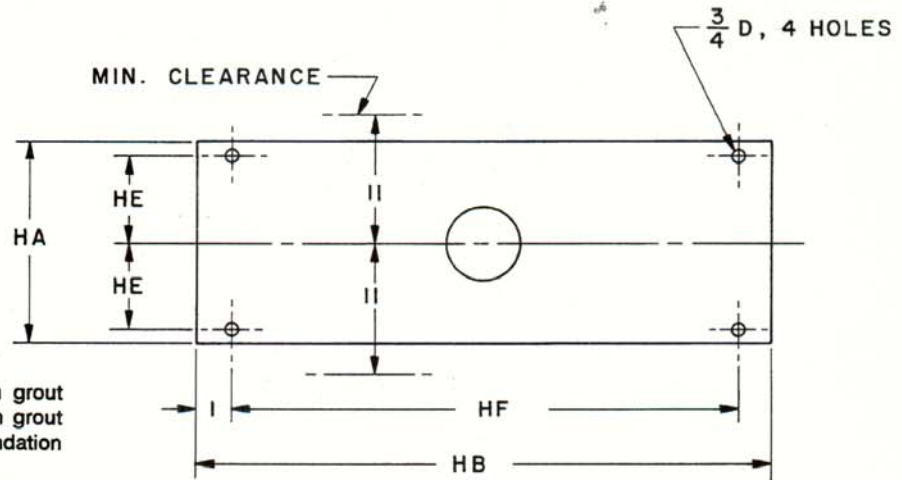
X	Pump Series Type	Motor Frame Size	Nominal Rpm	UNIT DIMENSIONS - INCHES										APPROXIMATE WEIGHT - LBS.			
				CM*	HB	HC*		HD	HF	HM	MN	HT	Base, Coupling, Guard	MO Fluid Drive	O.D.P. Motor	Total Unit	
	F1825A	182T	1750	14.00	49	52.69	55.69	10.5	17	15.25	7.25	.50	150	185	58	518	
	F1825A	184T	1750	15.00	49	53.69	56.69	10.5	17	15.25	8.25	.50	150	185	69	529	
	F1830A	184T	1750	15.00	49	53.69	56.69	10.5	17	15.25	8.25	.50	175	185	69	569	
	F1830A	213T	1750	16.00	52	54.94	57.94	10.5	20	15.25	8.25	.75	175	185	114	614	
	F1840	184T	1750	15.00	49	55.31	58.31	10.5	17	15.25	8.25	.50	175	185	69	612	
	F1840	213T	1750	16.00	52	56.56	59.56	10.5	20	15.62	9.62	.75	175	185	114	657	
	F11020A	182T	1750	14.00	49	53.06	56.06	10.5	17	15.25	7.25	.50	175	185	58	577	
	F11020A	184T	1750	15.00	49	54.06	57.06	10.5	17	15.25	8.25	.50	175	185	69	588	
	F11020A	213T	1750	16.00	52	55.31	58.31	10.5	20	15.62	9.62	.75	175	185	114	633	
	F11025A	184T	1750	15.00	49	54.19	57.19	10.5	17	15.25	8.25	.50	175	185	69	589	
	F11025A	213T	1750	16.00	52	55.44	58.44	10.5	20	15.62	9.62	.75	175	185	114	634	
	F11030A	213T	1750	16.00	52	55.44	58.44	10.5	20	15.62	9.62	.75	175	185	114	644	
	F2825A	215T	3500	17.38	52	58.06	60.81	10.5	20	15.62	10.38	.75	175	185	140	630	
	F2825A	254T	3500	20.75	55	61.19	63.94	10.5	23	16.75	12.38	.50	175	185	187	677	
	F2825A	256T	3500	22.50	55	62.94	65.69	10.5	23	16.75	13.25	.50	175	185	213	703	
	F2830A	254T	3500	20.75	55	61.06	63.81	10.5	23	16.75	12.38	.50	175	185	187	687	
	F2830A	256T	3500	22.50	55	62.81	65.56	10.5	23	16.75	13.25	.50	175	185	213	713	

\*Maximum dimensions; may be less with different make motors or enclosures.

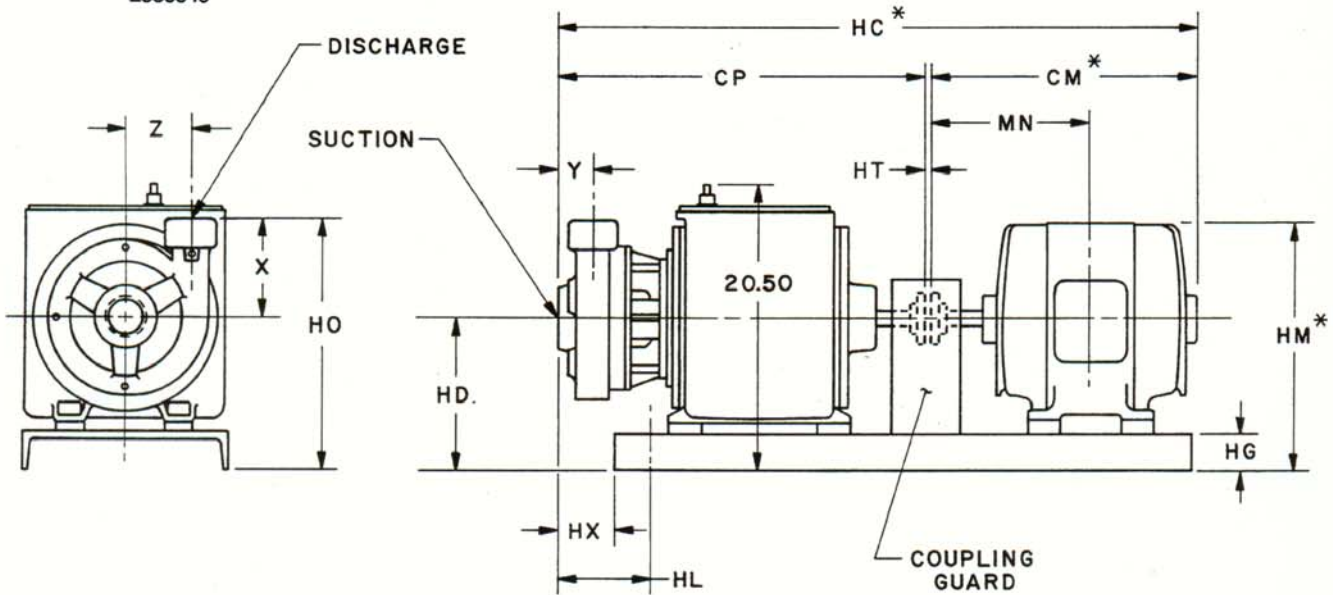
**VARIABLE SPEED PUMPING  
 SYSTEMS  
 Type MX**  
 Fluid Couplings Sizes 6B & 8C  
**Hydroconstant® Variable Speed Fluid Drives  
 With Flexible Coupled Motors and  
 Close Coupled Series C Pumps**



Peerless Pump Company  
 Indianapolis, IN 46207-7026



- Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.
- Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



CUSTOMER _____	JOB NAME _____
P.O. NO. _____	ITEM NO. _____
S.O. NO. _____	SERIAL NO. _____
MOTOR MFR. _____ ENCL. _____ FRAME _____	H.P. _____ VOLTS _____ PH. _____ HZ. _____
PUMP SERIES, TYPE, STYLE _____	RPM _____ G.P.M. _____ TOTAL HD. FT. _____
CERTIFIED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	BY _____ DATE _____

Subject to change unless certified for construction.

DT4851712  
 Rev. 2-86





**VARIABLE SPEED  
PUMPING SYSTEMS**

**Type MX**

Fluid Couplings Sizes 6B & 8C

**Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and  
Close Coupled Series C Pumps**

X	Pump Series, Type, Style	Max RPM	PUMP DIMENSIONS - INCHES						COMMON DIMENSIONS - INCHES		Pump Weight Lbs
			Suction NPT Size	Discharge NPT Size	CP	X	Y	Z	HL	HX	
	C610AM	3500	2.0	1.0	21.62	4.75	2.62	3.38	4.25	3.25	53
	C615AM	3500	2.0	1.5	21.88	5.00	2.75	3.62	4.50	3.50	54
	C620AM	3500	2.5	2.0	22.38	5.38	3.25	3.62	5.00	4.00	58
	C810AM	3500	2.0	1.5	21.75	5.12	2.75	4.38	4.38	3.38	69
	C820AM	3500	2.5	2.00	22.12	6.00	3.12	4.62	4.75	3.75	71

X	Motor Frame Size	Fluid Drive Model	Pump Series, Type	Maximum RPM	UNIT DIMENSIONS - INCHES											WEIGHTS - LBS				
					CM*	HA	HB	HC*	HD	HE	HF	HG	HM*	HO	HT	MN	Base, Coupling, Guard	MX Unit	O.D.P. Motor (Maximum)	Total Unit
	145T	MX6B	C610AM	3500	12.50	12	36	34.62	9.5	4.5	34	3.0	13.25	14.25	.50	7.00	70	205	35	293
	182T	MX6B	C610AM	3500	14.00	12	36	36.12	9.5	4.5	34	3.0	14.25	14.25	.50	7.75	70	205	56	384
	184T	MX6B/8C	C610AM	3500	15.00	12	36	37.12	9.5	4.5	34	3.0	14.25	14.25	.50	8.25	70	205	70	398
	145T	MX6B	C615AM	3500	12.50	12	36	34.88	9.5	4.5	34	3.0	13.25	14.50	.50	7.00	70	210	35	369
	182T	MX6B	C615AM	3500	14.00	12	36	36.38	9.5	4.5	34	3.0	14.25	14.50	.50	7.75	70	210	56	390
	184T	MX6B/8C	C615AM	3500	15.00	12	36	37.38	9.5	4.5	34	3.0	14.25	14.50	.50	8.25	70	210	70	404
	213T	MX8C	C615AM	3500	16.00	12	36	38.63	9.5	4.5	34	3.0	14.62	14.50	.75	9.62	70	210	121	455
	145T	MX6B	C615JM	3500	12.50	12	36	34.88	9.5	4.5	34	3.0	13.25	14.50	.50	7.00	70	210	35	369
	182T	MX6B/8C	C615JM	3500	14.00	12	36	36.38	9.5	4.5	34	3.0	14.25	14.50	.50	7.75	70	210	56	390
	184T	MX8C	C615JM	3500	15.00	12	36	37.38	9.5	4.5	34	3.0	14.25	14.50	.50	8.25	70	210	70	404
	213T	MX8C	C615JM	3500	16.00	12	36	38.63	9.5	4.5	34	3.0	14.62	14.50	.75	9.62	70	210	121	455
	182T	MX6B/8C	C620AM	3500	14.00	12	36	36.88	9.5	4.5	34	3.0	14.25	14.88	.50	7.75	70	215	56	399
	184T	MX8C	C620AM	3500	15.00	12	36	37.88	9.5	4.5	34	3.0	14.25	14.88	.50	8.25	70	215	70	413
	213T	MX8C	C620AM	3500	16.00	12	36	39.13	9.5	4.5	34	3.0	14.62	14.88	.75	9.62	70	215	121	464
	215T	MX8C	C620AM	3500	17.38	12	36	40.50	9.5	4.5	34	3.0	14.62	14.88	.75	10.38	70	215	141	484
	184T	MX8C	C810AM	3500	15.00	12	36	37.25	9.5	4.5	34	3.0	14.25	14.62	.50	8.25	70	230	70	439
	213T	MX8C	C810AM	3500	16.00	12	36	38.75	9.5	4.5	34	3.0	14.62	14.62	.75	9.62	70	230	121	490
	215T	MX8C	C810AM	3500	17.38	12	36	39.87	9.5	4.5	34	3.0	14.62	14.62	.75	10.38	70	230	141	510
	254T	MX8C	C810AM	3500	20.75	15	42	43.00	10.0	6.0	40	3.5	16.25	15.12	.50	12.38	128	230	188	615
	213T	MX8C	C820AM	3500	16.00	12	36	38.87	9.5	4.5	34	3.0	14.62	15.50	.75	9.62	70	235	121	497
	215T	MX8C	C820AM	3500	17.38	12	36	40.25	9.5	4.5	34	3.0	14.62	15.50	.75	10.38	70	235	141	517
	254T	MX8C	C820AM	3500	20.75	15	42	43.38	10.0	6.0	40	3.5	16.25	16.00	.50	12.38	128	235	188	622
	256T	MX8C	C820AM	3500	22.50	15	42	45.12	10.0	6.0	40	3.5	16.25	16.00	.50	13.25	128	235	215	649

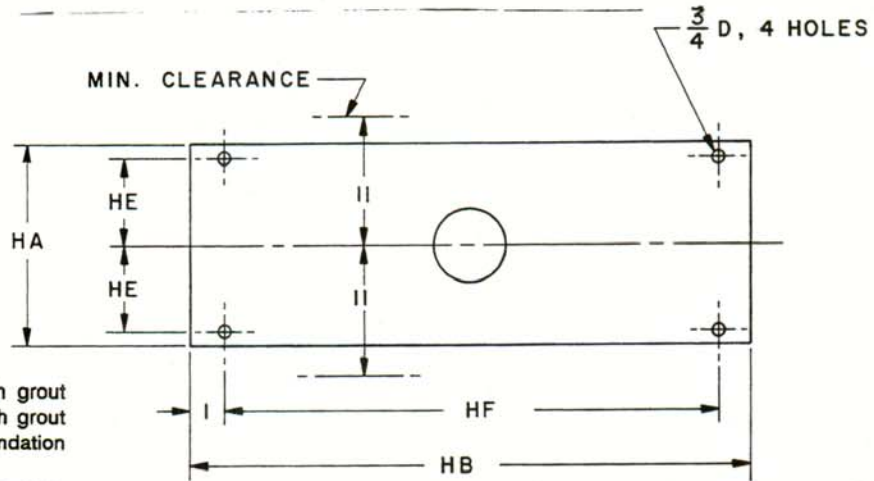
\*Maximum dimensions; may be less with different make motors or enclosures.

**VARIABLE SPEED PUMPING  
 SYSTEMS  
 Type MX**



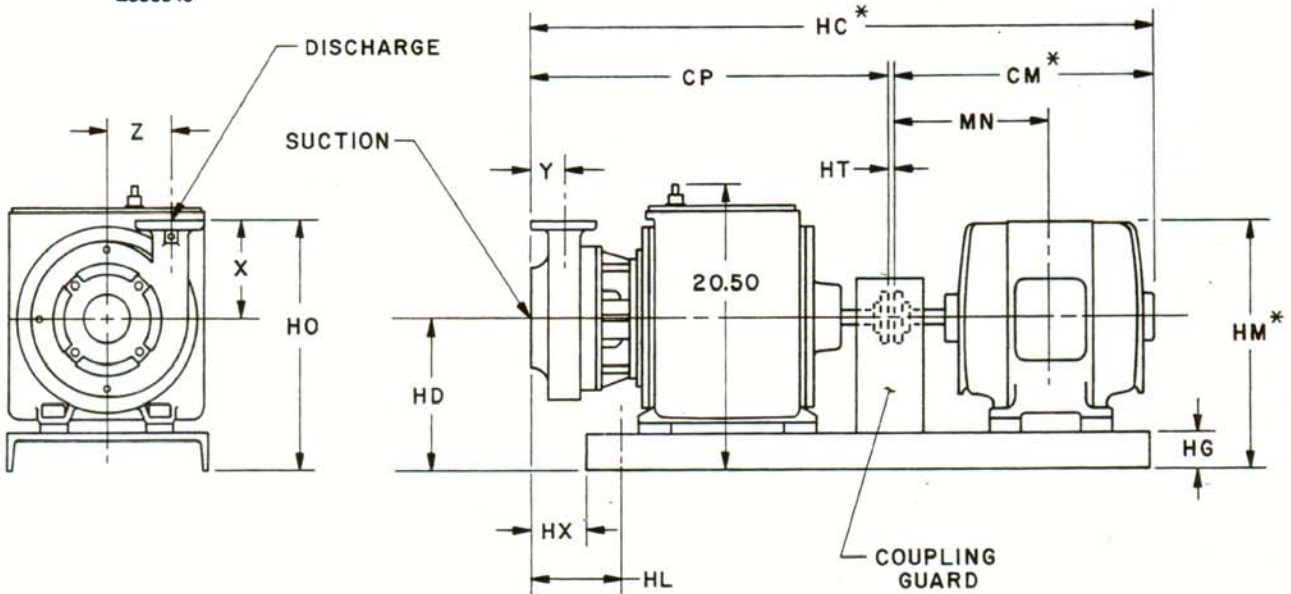
Peerless Pump Company  
 Indianapolis, IN 46207-7026

**Fluid Couplings Sizes 8C  
 Hydroconstant® Variable Speed Fluid Drives  
 With Flexible Coupled Motors and  
 Close Coupled Series C Pumps**



Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



CUSTOMER _____	JOB NAME _____
P.O. NO. _____	ITEM NO. _____
S.O. NO. _____	SERIAL NO. _____
MOTOR MFR. _____ ENCL. _____ FRAME _____	H.P. _____ VOLTS _____ PH. _____ HZ. _____
PUMP SERIES, TYPE, STYLE _____	RPM _____ G.P.M. _____ TOTAL HD. FT. _____
CERTIFIED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	BY _____ DATE _____

Subject to change unless certified for construction.

DT4851684  
 Rev. 2-86





# VARIABLE SPEED PUMPING SYSTEMS

## Type M

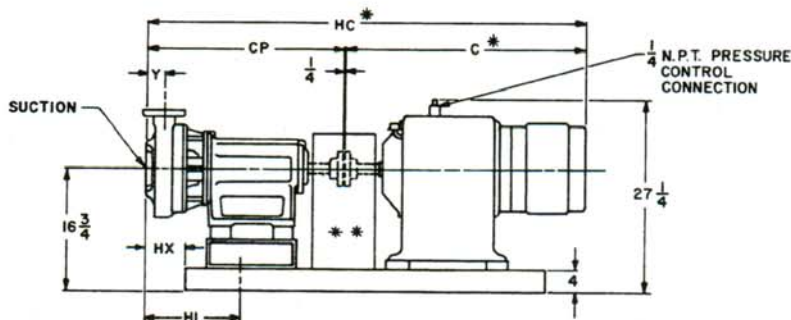
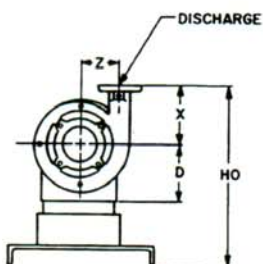
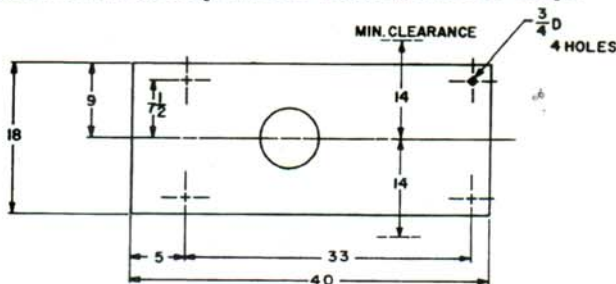
### Fluid Coupling Size 9B & 11B

### Hydroconstant® Variable Speed Fluid Drives With Close Coupled Motors and

### Flexible Coupled Series F1830A & F2830A Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

Unit weight - Pump, M-Unit with Motor & Base \_\_\_\_\_

Frame	RPM	UNIT DIMENSIONS								BARE PUMP DIMENSIONS								Approximate Weight (Lbs)				
		HC *		* C	HX		HL		HO	HD	Pump	Suct.	Disch.	CP				Pump	Base	M-Unit with Motor		
		M	P		M	P	M	P						M	P	D	X				Y	Z
213T	1750	52 <sup>15</sup> / <sub>16</sub>	55 <sup>15</sup> / <sub>16</sub>	33 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	495
	3500	54 <sup>9</sup> / <sub>16</sub>	57 <sup>5</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
215T	1750	54 <sup>7</sup> / <sub>16</sub>	57 <sup>7</sup> / <sub>16</sub>	35	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	510
	3500	56 <sup>1</sup> / <sub>16</sub>	58 <sup>13</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
254T	1750	56 <sup>15</sup> / <sub>16</sub>	59 <sup>15</sup> / <sub>16</sub>	37 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	580
	3500	58 <sup>9</sup> / <sub>16</sub>	61 <sup>5</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
256T	1750	58 <sup>13</sup> / <sub>16</sub>	61 <sup>13</sup> / <sub>16</sub>	39 <sup>1</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	600
	3500	60 <sup>5</sup> / <sub>16</sub>	63 <sup>5</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
284TS	1750	58 <sup>13</sup> / <sub>16</sub>	61 <sup>13</sup> / <sub>16</sub>	39 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	690
	3500	60 <sup>9</sup> / <sub>16</sub>	63 <sup>5</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
286TS	1750	60 <sup>3</sup> / <sub>16</sub>	63 <sup>3</sup> / <sub>16</sub>	40 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	730
	3500	61 <sup>13</sup> / <sub>16</sub>	64 <sup>9</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
324TS	3500	64	66 <sup>3</sup> / <sub>4</sub>	43	7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	840

FLG - 125 Lb. ANSI Flange

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
 P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
 S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
 MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
 PUMP TYPE & SIZE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
 CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

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# VARIABLE SPEED PUMPING SYSTEMS

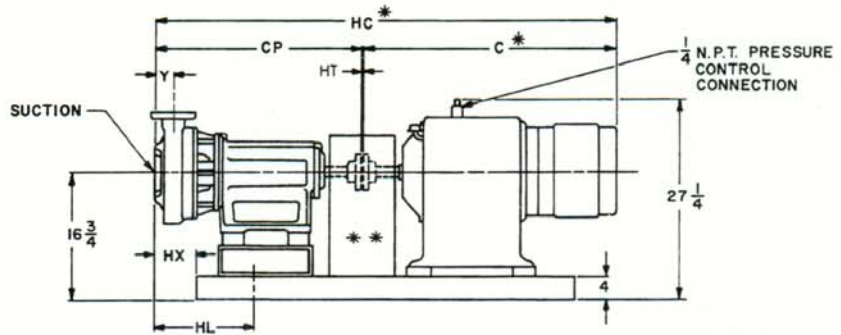
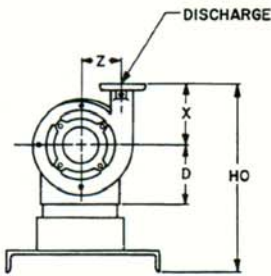
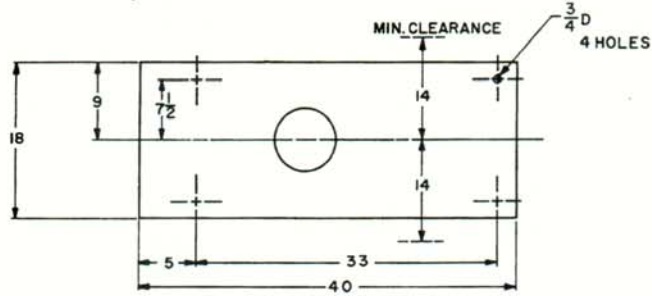
## Type M

### Fluid Coupling Size 9B

#### Hydroconstant® Variable Speed Fluid Drives With Close Coupled Motors and Flexible Coupled Series F Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



X	Pump Series, Type, Style	PUMP DIMENSIONS - INCHES							COMMON DIMENSIONS - INCHES			Pump Weight Lbs.
		Suction Size NPT	Discharge Size NPT	CP	D	X	Y	Z	HL	HO	HX	
	F1620AM	2.5	2.0	20.19	5.31	5.38	3.25	3.62	11.38	22.12	6.38	75
	F1620AP	2.5	2.0	23.19	5.31	5.38	3.25	3.62	14.38	22.12	9.38	75
	F2810AM	2.0	1.0	21.19	6.31	5.12	2.75	4.38	12.38	21.88	7.38	90
	F2810AP	2.0	1.0	23.94	6.31	5.12	2.75	4.38	15.12	21.88	10.12	90
	F2820AM	2.5	2.0	21.69	6.31	6.00	3.12	4.62	12.88	22.75	7.88	110
	F2820AP	2.5	2.0	24.56	6.31	6.00	3.12	4.62	15.75	22.75	10.75	110

X	Pump Series, Type	Motor Frame Size	Nominal RPM	UNIT DIMENSIONS - INCHES				APPROXIMATE WEIGHTS - LBS.		
				C*	HC*		HT	Base, Coupling, Guard	M Fluid Drive with O.D.P. Motor	Total Unit
					Style M Mech. Seal	Style P Packed				
	F1620A	215T	3500	35.00	55.94	58.44	.75	175	510	760
	F2810A	215T	3500	35.00	56.94	59.19	.75	175	510	775
	F2810A	254T	3500	37.50	58.94	61.69	.25	175	580	845
	F2820A	215T	3500	35.00	57.44	59.81	.75	175	510	795
	F2820A	254T	3500	37.50	59.44	62.31	.25	175	580	865
	F2820A	256T	3500	39.25	61.19	64.06	.25	175	600	885

\* Maximum dimensions; may be less with different make motors or enclosures.

\*\* Coupling guard furnished.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
 P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
 S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
 MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
 PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
 CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

**VARIABLE SPEED PUMPING  
SYSTEMS**



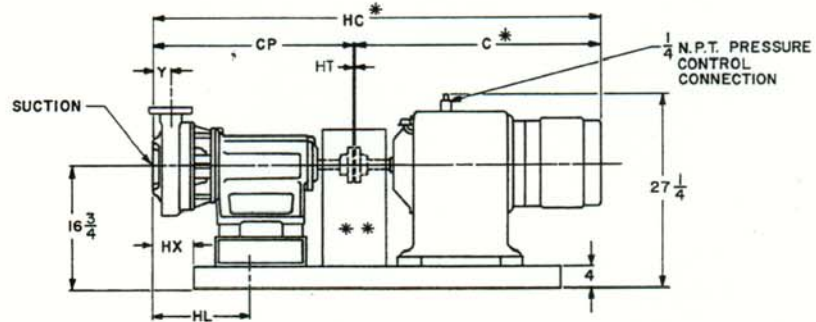
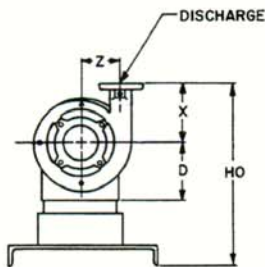
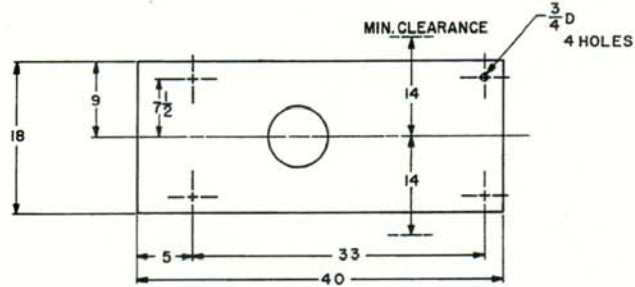
Peerless Pump Company  
Indianapolis, IN 46207-7026

**Type M  
Fluid Coupling Size 9B**

**Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors and  
Flexible Coupled Series F Base Mounted Pumps**

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



X	Pump Series, Type, Style	PUMP DIMENSIONS - INCHES							COMMON DIMENSIONS - INCHES			Pump Weight Lbs.
		Suction Flange Size Equiv. to 125 lb. ANSI	Discharge Flange Size 125 lb. ANSI	CP	D	X	Y	Z	HL	HO	HX	
	F2825AM	3	2.5	20.88	6.31	7.19	2.25	4.88	12.12	23.94	7.12	130
	F2825AP	3	2.5	23.62	6.31	7.19	2.25	4.88	14.88	23.94	9.88	130

X	Pump Series, Type	Motor Frame Size	Nominal RPM	UNIT DIMENSIONS - INCHES			APPROXIMATE WEIGHTS - LBS.			
				C*	HC*		HT	Base, Coupling, Guard	M Fluid Drive with O.D.P. Motor	Total Unit
					Style M Mech. Seal	Style P Packed				
	F2825A	215T	3500	35.00	56.62	59.37	.75	175	510	815
	F2825A	254T	3500	37.50	58.62	61.37	.25	175	510	815
	F2825A	256T	3500	39.25	60.37	63.12	.25	175	580	885
	F2825A	284TS	3500	39.50	60.62	63.37	.25	175	510	815
	F2825A	286TS	3500	40.75	61.87	64.62	.25	175	580	885

\* Maximum dimensions; may be less with different make motors or enclosures.  
\*\* Coupling guard furnished.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP SERIES, TYPE, STYLE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction.

**DT4847028**  
Rev. 7-91





# VARIABLE SPEED PUMPING SYSTEMS

## Type M

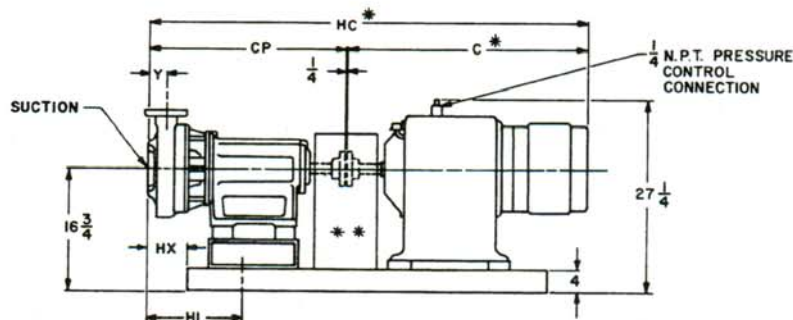
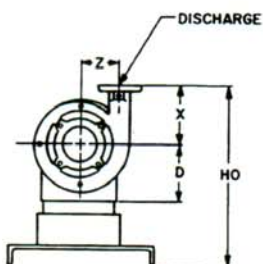
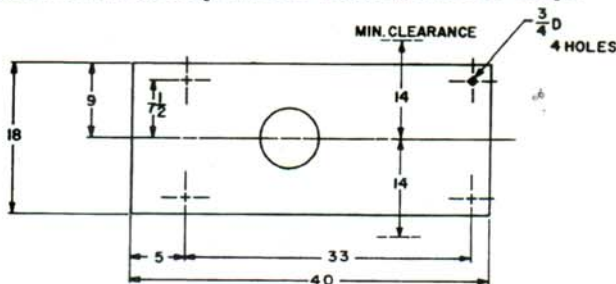
### Fluid Coupling Size 9B & 11B

### Hydroconstant® Variable Speed Fluid Drives With Close Coupled Motors and

### Flexible Coupled Series F1830A & F2830A Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

Unit weight - Pump, M-Unit with Motor & Base \_\_\_\_\_

Frame	RPM	UNIT DIMENSIONS								BARE PUMP DIMENSIONS								Approximate Weight (Lbs)				
		HC *		* C	HX		HL		HO	HD	Pump	Suct.	Disch.	CP				Pump	Base	M-Unit with Motor		
		M	P		M	P	M	P						M	P	D	X				Y	Z
213T	1750	52 <sup>15</sup> / <sub>16</sub>	55 <sup>15</sup> / <sub>16</sub>	33 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	495
	3500	54 <sup>9</sup> / <sub>16</sub>	57 <sup>5</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
215T	1750	54 <sup>7</sup> / <sub>16</sub>	57 <sup>7</sup> / <sub>16</sub>	35	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	510
	3500	56 <sup>1</sup> / <sub>16</sub>	58 <sup>13</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
254T	1750	56 <sup>15</sup> / <sub>16</sub>	59 <sup>15</sup> / <sub>16</sub>	37 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	580
	3500	58 <sup>9</sup> / <sub>16</sub>	61 <sup>5</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
256T	1750	58 <sup>13</sup> / <sub>16</sub>	61 <sup>13</sup> / <sub>16</sub>	39 <sup>1</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	600
	3500	60 <sup>5</sup> / <sub>16</sub>	63 <sup>5</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
284TS	1750	58 <sup>13</sup> / <sub>16</sub>	61 <sup>13</sup> / <sub>16</sub>	39 <sup>1</sup> / <sub>2</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	690
	3500	60 <sup>9</sup> / <sub>16</sub>	63 <sup>5</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
286TS	1750	60 <sup>3</sup> / <sub>16</sub>	63 <sup>3</sup> / <sub>16</sub>	40 <sup>3</sup> / <sub>4</sub>	5 <sup>3</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	730
	3500	61 <sup>13</sup> / <sub>16</sub>	64 <sup>9</sup> / <sub>16</sub>		7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>				20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>						
324TS	3500	64	66 <sup>3</sup> / <sub>4</sub>	43	7	9 <sup>1</sup> / <sub>4</sub>	12	14 <sup>3</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>4</sub>	830A	4FLG	2 <sup>1</sup> / <sub>2</sub> FLG	20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	175	840

FLG - 125 Lb. ANSI Flange

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
 P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
 S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
 MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
 PUMP TYPE & SIZE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
 CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

**VARIABLE SPEED PUMPING  
SYSTEMS**

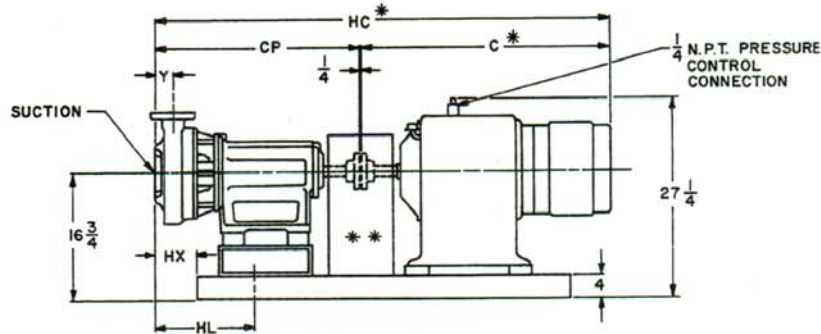
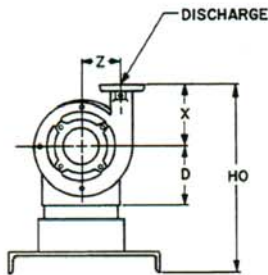
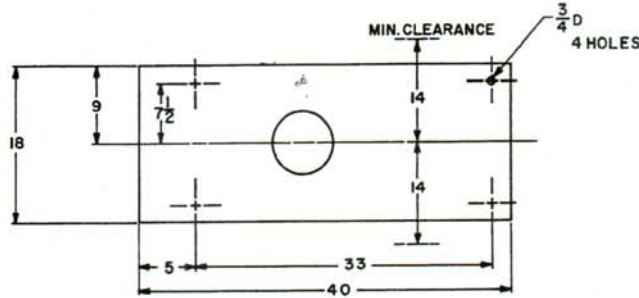


Peerless Pump Company  
Indianapolis, IN 46207-7026

**Type M  
Fluid Coupling Size 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors and**

**Flexible Coupled Series F1 840, 1020A, 1025A, 1030A Style M & P Base Mounted Pumps**

- Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.
- Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

FRAME	UNIT DIMENSIONS								BARE PUMP DIMENSIONS								Approximate Weight (Lbs.)			
	C*	HC*		HX		HL		HO	Pump	Suction	Discharge	CP		D	X	Y	Z	Pump	Base	M-Unit with Motor
		M	P	M	P	M	P					M	P							
213T	33 1/2	54 9/16	57 9/16	7	10	12	15	24 1/8	840	5 FLG	4 FLG	20 13/16	23 13/16	5 5/16	7 3/8	3	5 7/8	173	175	495
215T	35	56 1/16	59 1/16	7	10	12	15	24 1/8	840	5 FLG	4 FLG	20 13/16	23 13/16	5 5/16	7 3/8	3	5 7/8	173		510
213T	33 1/2	53 5/16	56 5/16	5 3/4	8 3/4	10 3/4	13 3/4	23 3/4	1020A	2 1/2 FLG	2 FLG	19 7/16	22 9/16	5 5/16	7	2 1/2	5 7/8	149		495
213T	33 1/2	53 3/16	56 3/16	5 3/8	8 5/8	10 5/8	13 5/8	24 1/4	1025A	3 FLG	2 1/2 FLG	19 7/16	22 3/16	5 5/16	7 1/2	2 1/4	5 7/8	142		495
215T	35	54 11/16	57 11/16	5 5/8	8 5/8	10 5/8	13 5/8	24 1/4	1025A	3 FLG	2 1/2 FLG	19 7/16	22 3/16	5 5/16	7 1/2	2 1/4	5 7/8	142		510
254T	37 1/2	57 3/16	60 3/16	5 5/8	8 5/8	10 5/8	13 5/8	24 1/4	1025A	3 FLG	2 1/2 FLG	19 7/16	22 3/16	5 5/16	7 1/2	2 1/4	5 7/8	142		580
213T	33 1/2	53 3/16	56 3/16	5 3/8	8 5/8	10 5/8	13 5/8	24 1/4	1030A	4 FLG	3 FLG	19 7/16	22 3/16	5 5/16	7 1/2	2 1/8	6 1/4	161		495
215T	35	54 11/16	57 11/16	5 5/8	8 5/8	10 5/8	13 5/8	24 1/4	1030A	4 FLG	3 FLG	19 7/16	22 3/16	5 5/16	7 1/2	2 1/8	6 1/4	161		510
254T	37 1/2	57 3/16	60 3/16	5 5/8	8 5/8	10 5/8	13 5/8	24 1/4	1030A	4 FLG	3 FLG	19 7/16	22 3/16	5 5/16	7 1/2	2 1/8	6 1/4	161		580
256T	39 1/4	58 15/16	61 15/16	5 5/8	8 5/8	10 5/8	13 5/8	24 1/4	1030A	4 FLG	3 FLG	19 7/16	22 3/16	5 5/16	7 1/2	2 1/8	6 1/4	161		600

FLG - 125 Lb. ANSI Flange

Unit weight - Pump, M-Unit with Motor & Base \_\_\_\_\_

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_  
MOTOR MFR. \_\_\_\_\_ ENCL. \_\_\_\_\_ FRAME \_\_\_\_\_ H.P. \_\_\_\_\_ VOLTS \_\_\_\_\_ PH. \_\_\_\_\_ HZ. \_\_\_\_\_  
PUMP TYPE & SIZE \_\_\_\_\_ RPM \_\_\_\_\_ G.P.M. \_\_\_\_\_ TOTAL HD. FT. \_\_\_\_\_  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

SUBJECT TO CHANGE  
UNLESS CERTIFIED  
FOR CONSTRUCTION

DT 4847029





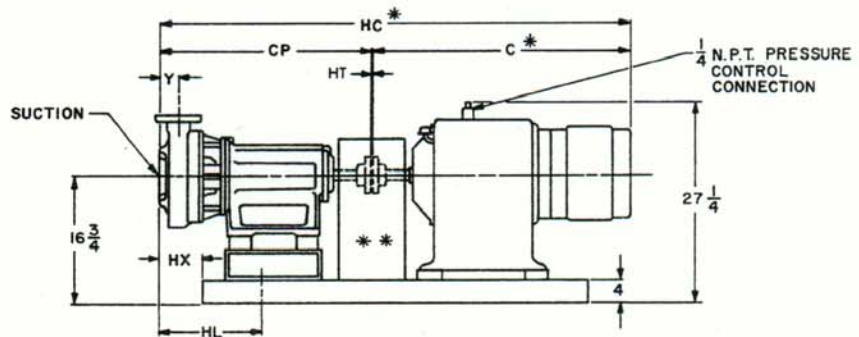
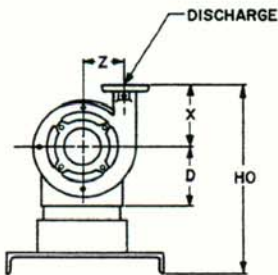
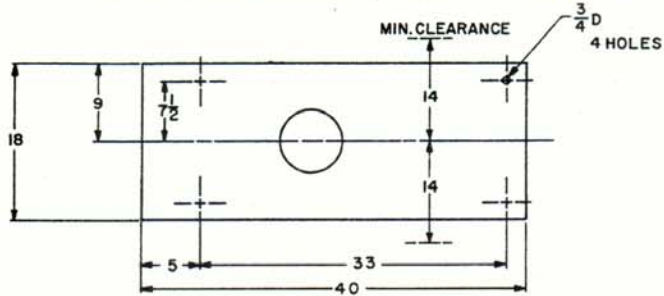
# VARIABLE SPEED PUMPING SYSTEMS Type M

Fluid Coupling Size 9B

Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors and

Flexible Coupled Series F11125, F11140 & F21140 Style M & P Base Mounted Pumps

- Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.
- Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



✓	PUMP SERIES, TYPE, STYLE	SUCTION FLANGE SIZE EQUIVALENT TO 125 LB ANSI	DISCHARGE FLANGE SIZE	PUMP DIMENSIONS IN INCHES								PUMP WT lb
				CP	D	X	Y	Z	HL	HO	HX	
	F11125M	3	2½	19.62	5.31	8.06	2.32	6.12	9.25	24.81	4.25	153
	F21140M	5	4	21.24	6.31	9.00	2.62	6.50	9.75	25.75	4.75	225
	F11125P	3	2½	22.44	5.31	8.06	2.32	6.12	12.00	24.81	7.00	153
	F21140P	5	4	24.06	6.31	9.00	2.62	6.50	12.50	25.75	7.50	225

✓	PUMP SERIES, TYPE, STYLE	MOTOR FRAME SIZE	NOMINAL MOTOR RPM	UNIT DIMENSIONS - INCHES			APPROXIMATE WT lb			
				C*	HC*		HT	BASE CPLG GUARD	M FLUID DRIVE W/ODP MOTOR	TOTAL UNIT
					STYLE M MECH SEAL	STYLE P PACKED				
	F11125	213TC	1750	36	56.37	59.19	0.75	175	630	958
	F21140	213TC	1750	36	58.00	60.82	0.75	175	630	1030
	F11125	215TC	1750	37	59.00	61.82	0.75	175	660	1060
	F21140	254TC	1750	40	61.50	64.35	0.25	175	740	1140

\* MAXIMUM DIMENSIONS; MAY BE LESS FOR DIFFERENT MAKE MOTORS OR ENCLOSURES.

\*\* COUPLING GUARD IS FURNISHED

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4852852

# VARIABLE SPEED PUMPING SYSTEMS Type M



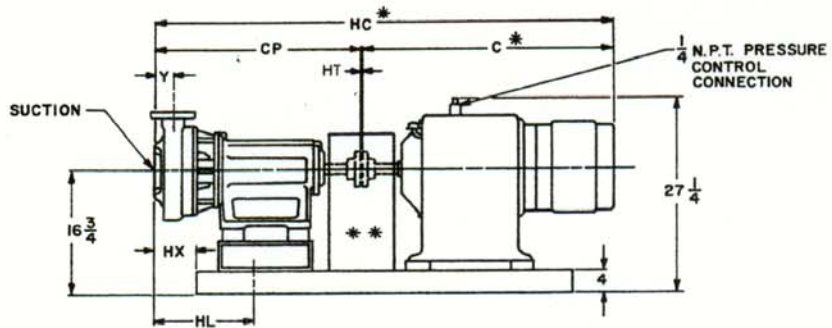
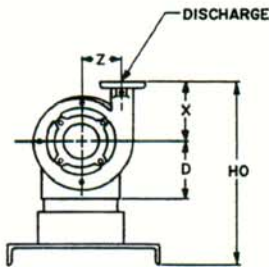
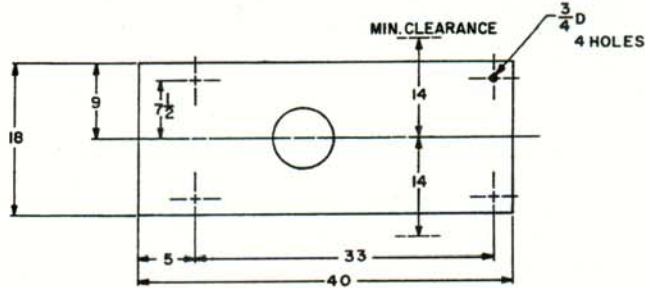
Peerless Pump Company  
Indianapolis, IN 46207-7026

Fluid Coupling Size 9B

## Hydroconstant® Variable Speed Fluid Drives With Close Coupled Motors and Flexible Coupled Series F21125 Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



✓	PUMP SERIES, TYPE, STYLE	SUCTION FLANGE SIZE EQUIVALENT TO 125 LB ANSI	DISCHARGE FLANGE SIZE	PUMP DIMENSIONS IN INCHES								PUMP WT lb
				CP	D	X	Y	Z	HL	HO	HX	
	F21125M	3	2½	20.94	6.31	8.06	2.32	6.12	9.25	24.81	4.25	178
	F21125P	3	2½	23.75	6.31	8.06	2.32	6.12	12.00	24.81	7.00	178

✓	PUMP SERIES, TYPE, STYLE	MOTOR FRAME SIZE	NOMINAL MOTOR RPM	UNIT DIMENSIONS - INCHES			APPROXIMATE WT lb			
				C*	HC*		HT	BASE CPLG GUARD	M FLUID DRIVE W/ODP MOTOR	TOTAL UNIT
					STYLE M MECH SEAL	STYLE P PACKED				
	F21125	256TC	3500	39.88	61.07	63.88	0.25	175	745	1098
	F21125	284TSC	3500	41.62	62.81	65.62	0.25	175	780	1133
	F21125	286TSC	3500	42.07	63.26	66.06	0.25	175	830	1183
	F21125	324TSC	3500	43.57	64.76	67.56	0.25	175	885	1238
	F21125	326TSC	3500	46.21	67.40	70.25	0.25	175	975	1328

\* MAXIMUM DIMENSIONS; MAY BE LESS FOR DIFFERENT MAKE MOTORS OR ENCLOSURES.

\*\* COUPLING GUARD IS FURNISHED

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4852853





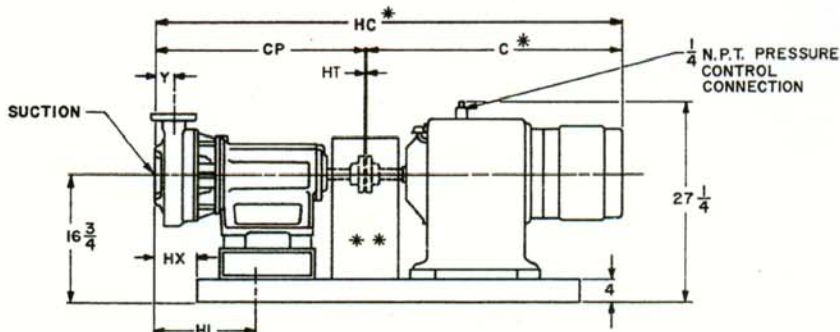
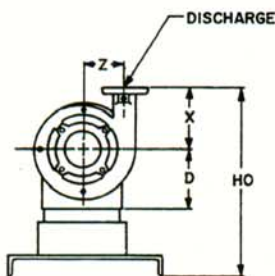
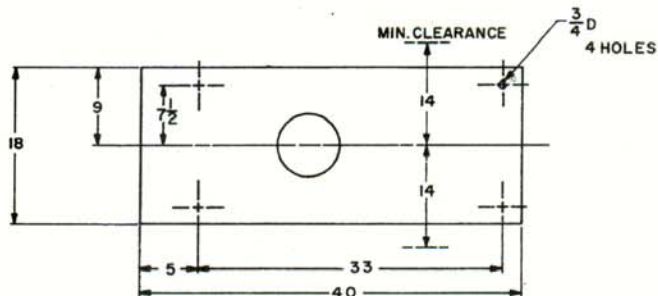
# VARIABLE SPEED PUMPING SYSTEMS Type M

Fluid Coupling Size 9B

## Hydroconstant® Variable Speed Fluid Drives With Close Coupled Motors and Flexible Coupled Series F21140 Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



✓	PUMP SERIES, TYPE, STYLE	SUCTION FLANGE SIZE EQUIVALENT TO 125 LB ANSI	DISCHARGE FLANGE SIZE	PUMP DIMENSIONS IN INCHES								PUMP WT lb
				CP	D	X	Y	Z	HL	HO	HX	
	F21140M	5	4	21.24	6.31	9	2.62	6.5	9.75	25.75	4.75	225
	F21140P	5	4	24.06	6.31	9	2.62	6.5	12.50	25.75	7.50	225

✓	PUMP SERIES, TYPE, STYLE	MOTOR FRAME SIZE	NOMINAL MOTOR RPM	UNIT DIMENSIONS - INCHES			APPROXIMATE WT lb			
				C*	HC*		HT	BASE CPLG GUARD	M FLUID DRIVE W/ODP MOTOR	TOTAL UNIT
					STYLE M MECH SEAL	STYLE P PACKED				
	F21140	286TSC	3500	42.07	63.56	66.38	0.25	175	830	1230
	F21140	324TSC	3500	43.57	65.06	67.88	0.25	175	885	1285
	F21140	326TSC	3500	46.21	67.70	70.56	0.25	175	975	1375

\* MAXIMUM DIMENSIONS; MAY BE LESS FOR DIFFERENT MAKE MOTORS OR ENCLOSURES.

\*\* COUPLING GUARD IS FURNISHED

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
 Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4852854

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Peerless Pump Company  
Indianapolis, IN 46207-7026

# VARIABLE SPEED PUMPING SYSTEMS Type M

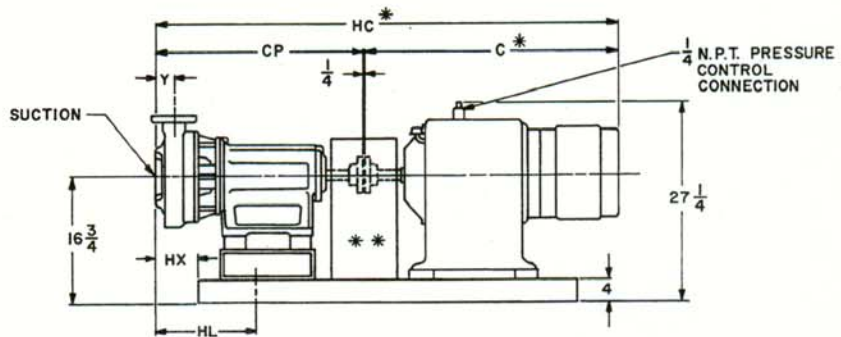
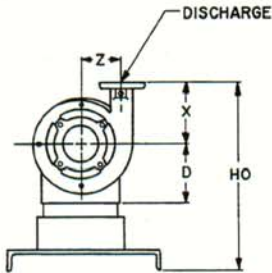
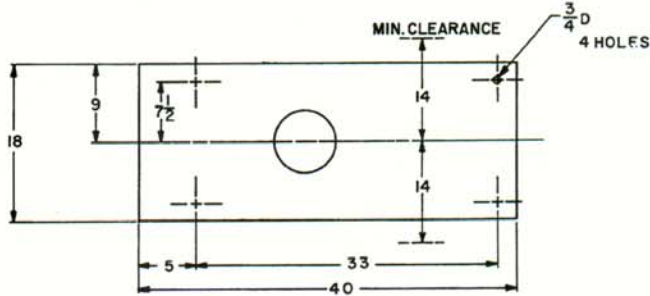
SECTION 4130  
Page 15  
September 23, 1977

Fluid Coupling Size 9B & 11B  
Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors and

Flexible Coupled Series F21040A & F21050A Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

FRAME	UNIT DIMENSIONS									BARE PUMP DIMENSIONS								Approximate Weight (Lbs.)		
	C*	HC*		HX		HL		HO	Pump	Suction	Discharge	CP		D	X	Y	Z	Pump	Base	M-Unit with Motor
		M	P	M	P	M	P					M	P							
213T	33 1/2	55 11/16	58 7/16	8 3/8	10 7/8	13 3/8	15 7/8	24 3/4	1040A	5 FLG	4 FLG	21 15/16	24 11/16	6 5/16	8	2 7/8	7	220	175	495
215T	35	57 3/16	59 15/16																	510
254T	37 1/2	59 11/16	62 7/16																	580
256T	39 1/4	61 7/16	64 3/16																	600
213T	33 1/2	56 15/16	59 11/16	9 3/8	12 3/8	14 3/8	17 7/8	25 1/4	1050A	6 FLG	5 FLG	23 3/16	25 15/16	6 5/16	9	3 3/16	7 1/8	244	175	495
215T	35	58 7/16	61 3/16																	510
254T	37 1/2	60 15/16	63 11/16																	580
256T	39 1/4	62 11/16	65 7/16																	600
284T	39 1/2	62 15/16	65 11/16																	690

FLG - 125 Lb. ANSI Flange

Unit weight - Pump, M-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
 Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847030

**VARIABLE SPEED  
PUMPING SYSTEMS**



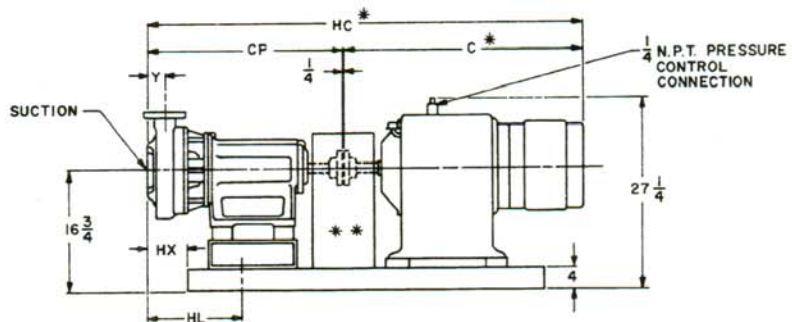
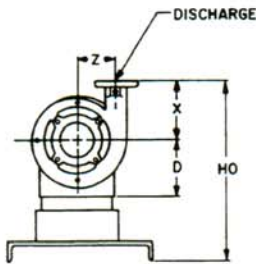
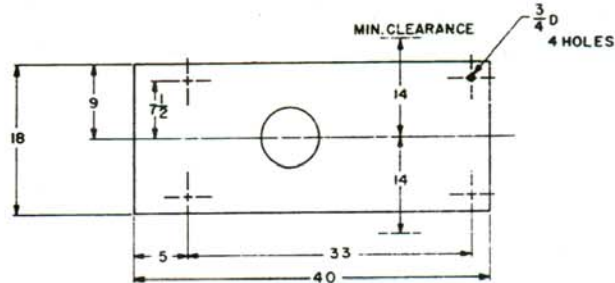
Peerless Pump Company  
Indianapolis, IN 46207-7026

**Type M**  
**Fluid Coupling Size 9B & 11B**  
**Hydroconstant® Variable Speed Fluid Drives**  
**With Close Coupled Motors and**

**Flexible Coupled Series F21215A & F21220A Style M & P Base Mounted Pumps**

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

FRAME	UNIT DIMENSIONS								BARE PUMP DIMENSIONS								Approximate Weight Lbs.			
	C*	HC*		HX		HL		HO	Pump	Suction	Discharge	CP		D	X	Y	Z	Pump	Base	M-Unit with Motor
		M	P	M	P	M	P					M	P							
213T	33 1/2	55	57 3/4					24 1/4	F1215A	2NPT	1 1/2 NPT	21 1/4	24	6 5/16	7 1/2	3	6 3/4	180	175	495
215T	35	56 1/2	59 1/4	7 7/16	10 3/16	12 7/16	15 3/16	24 1/4	F1215A	2NPT	1 1/2 NPT	21 1/4	24	6 5/16	7 1/2	3	6 3/4	180	175	510
254T	37 1/2	59	61 3/4					24 1/4	F1215A	2NPT	1 1/2 NPT	21 1/4	24	6 5/16	7 1/2	3	6 3/4	180	175	580
213T	33 1/2	54 1/16	56 7/8					24 1/2	F1220A	2 1/2 FLG	2 FLG	20 5/16	23 3/8	6 5/16	7 3/4	2 1/8	6 13/16	205	175	495
215T	35	55 9/16	58 3/8	6 1/2	9 1/4	11 1/2	14 1/4	24 1/2	F1220A	2 1/2 FLG	2 FLG	20 5/16	23 3/8	6 5/16	7 3/4	2 1/8	6 13/16	205	175	510
254T	37 1/2	58 3/16	60 7/8	6 1/2	9 1/4	11 1/2	14 1/4	24 1/2	F1220A	2 1/2 FLG	2 FLG	20 5/16	23 3/8	6 5/16	7 3/4	2 1/8	6 13/16	205	175	580
256T	39 1/4	59 13/16	62 5/8	6 1/2	9 1/4	11 1/2	14 1/4	24 1/2	F1220A	2 1/2 FLG	2 FLG	20 5/16	23 3/8	6 5/16	7 3/4	2 1/8	6 13/16	205	175	600

NPT - American Standard Taper Pipe Thread  
FLG - 125 Lb. ANSI Flange

Unit weight - Pump, M-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847241





Peerless Pump Company  
Indianapolis, IN 46207-7026

# VARIABLE SPEED PUMPING SYSTEMS

## Type M

Fluid Coupling Size 9B & 11B

Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors and

Flexible Coupled Series F21230A, F21240A, F21050A Style M & P Base Mounted Pumps

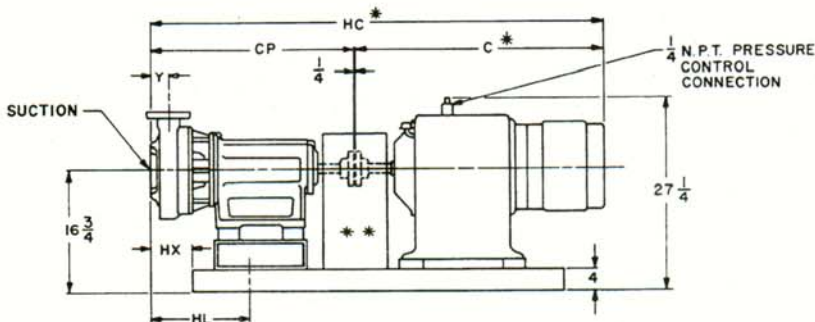
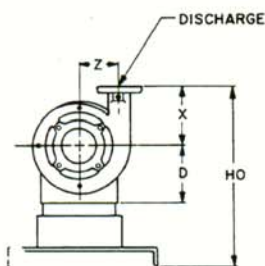
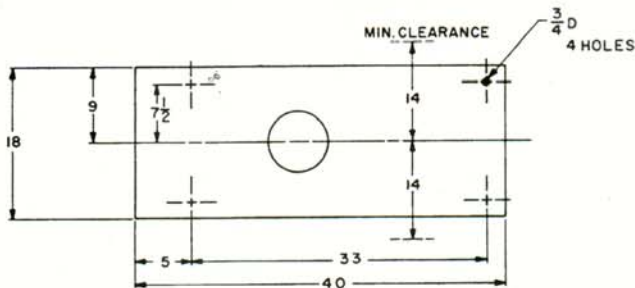
SECTION 4130

Page 17

July 5, 1991

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

FRAME	UNIT DIMENSIONS									BARE PUMP DIMENSIONS								Approximate Weight Lbs.			
	C*	HC*		HX		HL		HO	Pump	Suction	Discharge	CP		D	X	Y	Z	Pump	Base	M-Unit with Motor	
		M	P	M	P	M	P					M	P								
215T	35	55 <sup>7</sup> / <sub>8</sub>	58 <sup>11</sup> / <sub>16</sub>																		510
254T	37 <sup>1</sup> / <sub>2</sub>	58 <sup>3</sup> / <sub>8</sub>	61 <sup>3</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>4</sub>	F1230A	4FLG	3FLG	20 <sup>5</sup> / <sub>8</sub>	23 <sup>7</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	9	2 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	235	175		580
256T	39 <sup>3</sup> / <sub>4</sub>	60 <sup>1</sup> / <sub>8</sub>	62 <sup>15</sup> / <sub>16</sub>																		600
284T	39 <sup>1</sup> / <sub>2</sub>	60 <sup>3</sup> / <sub>8</sub>	63 <sup>3</sup> / <sub>16</sub>																		690
254T	37 <sup>1</sup> / <sub>2</sub>	58 <sup>5</sup> / <sub>8</sub>	61 <sup>3</sup> / <sub>8</sub>																		580
256T	39 <sup>3</sup> / <sub>4</sub>	60 <sup>3</sup> / <sub>8</sub>	63 <sup>3</sup> / <sub>8</sub>	7	9 <sup>13</sup> / <sub>16</sub>	12	14 <sup>13</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>4</sub>	F1240A	5FLG	4FLG	20 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>	9	2 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	250	175		600
284T	39 <sup>1</sup> / <sub>2</sub>	60 <sup>5</sup> / <sub>8</sub>	63 <sup>3</sup> / <sub>8</sub>																		690
286T	40 <sup>3</sup> / <sub>4</sub>	61 <sup>7</sup> / <sub>8</sub>	64 <sup>5</sup> / <sub>8</sub>																		730
324TS	43	61 <sup>1</sup> / <sub>8</sub>	66 <sup>7</sup> / <sub>8</sub>																		840
284T	39 <sup>1</sup> / <sub>2</sub>	61 <sup>7</sup> / <sub>8</sub>	64 <sup>5</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>16</sub>	26 <sup>1</sup> / <sub>8</sub>	F1250A	6FLG	5FLG	22 <sup>1</sup> / <sub>8</sub>	24 <sup>7</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>2</sub>	8	270	175		690
286T	40 <sup>3</sup> / <sub>4</sub>	63 <sup>1</sup> / <sub>8</sub>	65 <sup>7</sup> / <sub>8</sub>																		730
324TS	43	65 <sup>3</sup> / <sub>8</sub>	68 <sup>1</sup> / <sub>8</sub>																		840
326TS	44 <sup>1</sup> / <sub>2</sub>	66 <sup>3</sup> / <sub>8</sub>	69 <sup>5</sup> / <sub>8</sub>																		890

FLG - 125 Lb. ANSI Flange

Unit weight - Pump, M-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction

By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847242  
Rev 10-78

**VARIABLE SPEED  
PUMPING SYSTEMS  
Type M**

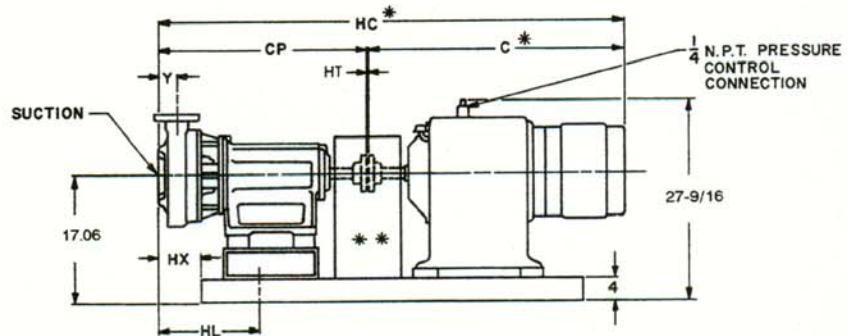
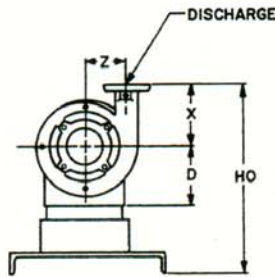
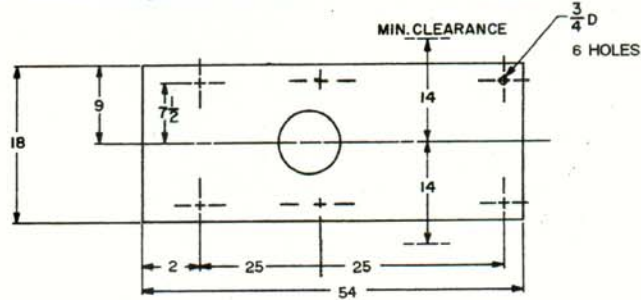


Peerless Pump Company  
Indianapolis, IN 46207-7026

**Fluid Coupling Size 11B**

**Hydroconstant® Variable Speed Fluid Drives  
With Close Coupled Motors and  
Flexible Coupled Series F21260G Style M & P Base Mounted Pumps**

- Note 1:** Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.
- Note 2:** Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



✓	PUMP SERIES, TYPE, STYLE	SUCTION FLANGE SIZE EQUIVALENT TO 125 LB ANSI	DISCHARGE FLANGE SIZE	PUMP DIMENSIONS IN INCHES								PUMP WT lb
				CP	D	X	Y	Z	HL	HO	HX	
	F21260GM	8	6	25.28	6.31	8.88	6.32	9.88	5.25	25.94	3.25	351
	F21260GP	8	6	28.12	6.31	8.88	6.32	9.88	8.00	25.94	6.00	351

✓	PUMP SERIES, TYPE, STYLE	MOTOR FRAME SIZE	NOMINAL MOTOR RPM	UNIT DIMENSIONS - INCHES			APPROXIMATE WT lb			
				C*	HC*		HT	BASE CPLG GUARD	M FLUID DRIVE W/ODP MOTOR	TOTAL UNIT
					STYLE M MECH SEAL	STYLE P PACKED				
	F21260G	286TSC	1750	43.56	68.84	71.68	0.25	230	810	1391
	F21260G	324TSC	1750	46.25	71.53	74.38	0.25	230	900	1481
	F21260G	326TSC	1750	47.75	73.03	75.87	0.25	230	950	1531

\* MAXIMUM DIMENSIONS; MAY BE LESS FOR DIFFERENT MAKE MOTORS OR ENCLOSURES.

\*\* COUPLING GUARD IS FURNISHED

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

**DT4852855**





Peerless Pump Company  
Indianapolis, IN 46207-7026

# VARIABLE SPEED PUMPING SYSTEMS Type MO

SECTION 4130  
Page 35  
September 25, 1976

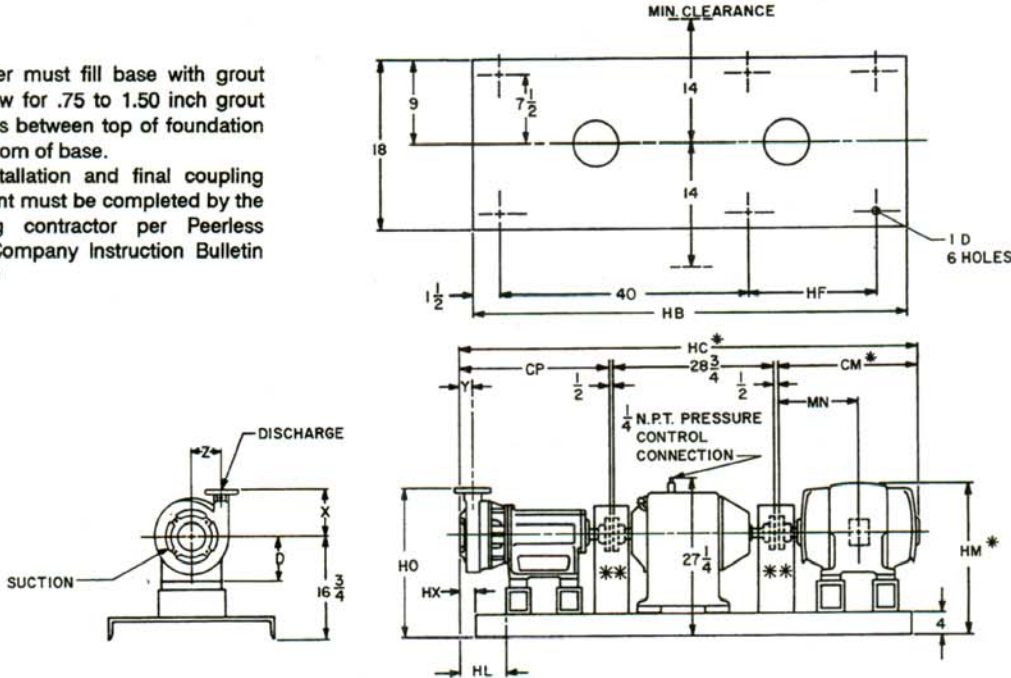
Fluid Coupling Size 9B

Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and

Flexible Coupled Series F1620A, F1810A, F1820A Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARDS FURNISHED

FRAME	UNIT DIMENSIONS											BARE PUMP DIMENSIONS							Approximate Weight (Lbs.)					
	CM*	HB	HC*		HF	HL		HM*	HO	HX		MN	Pump	Suction	Discharge	X	Y	Z	CP		Pump	Base	MO Unit	Motor
			M	P		M	P			M	P													
215T	17 3/8	65	67 5/16	70 5/16	22	5 7/8	8 7/8	21 1/2	22 1/8	4 3/8	7 3/8	10 3/8	620A	2 1/2 NPT	2 NPT	5 3/8	3 3/16	3 5/8	20 3/16	23 3/16	97	350	375	160
215T	17 3/8	65	66 11/16	69 11/16	22	5 1/4	8 3/4	21 1/2	21 7/8	3 3/4	6 3/4	10 3/8	810A	2 NPT	1 NPT	5 5/8	2 3/4	4 5/16	19 9/16	22 9/16	108	350	375	160
254T	20 3/4	70	70 1/16	73 1/16	27	5 1/4	8 3/4	23 3/8	21 7/8	3 3/4	6 3/4	12 3/8	810A	2 NPT	1 NPT	5 5/8	2 3/4	4 5/16	19 9/16	22 9/16	108	375	375	230
215T	17 3/8	65	67 1/16	70 1/16	22	5 5/8	8 5/8	21 1/2	22 1/8	4 3/8	7 3/8	10 3/8	820A	2 1/2 NPT	2 NPT	6	3 1/16	4 5/8	19 15/16	22 15/16	109	350	375	160
254T	20 3/4	70	70 1/16	73 1/16	27	5 5/8	8 5/8	23 3/8	22 3/4	4 3/8	7 3/8	12 3/8	820A	2 1/2 NPT	2 NPT	6	3 1/16	4 5/8	19 15/16	22 15/16	109	375	375	230
256T	22 1/2	70	72 3/16	75 3/16	27	5 5/8	8 5/8	23 3/8	22 3/4	4 3/8	7 3/8	13 3/4												250

NPT - American Standard Taper Pipe Thread

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847031

**VARIABLE SPEED  
PUMPING SYSTEMS**



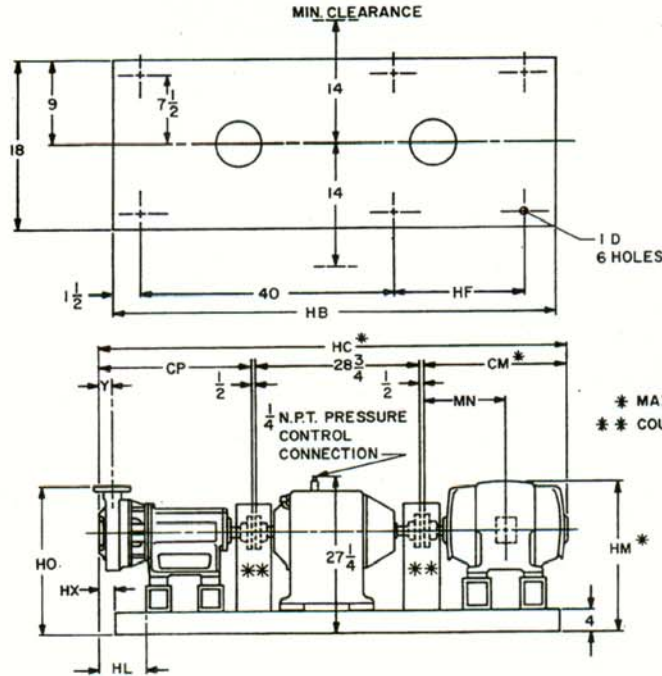
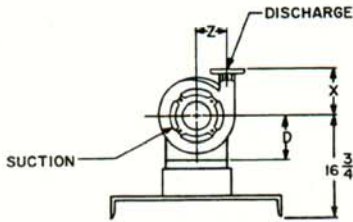
Peerless Pump Company  
Indianapolis, IN 46207-7026

**Type MO  
Fluid Coupling Size 9B & 11B**

**Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and  
Flexible Coupled Series F1825A & F2825A Style M & P Base Mounted Pumps**

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARDS FURNISHED

Frame	RPM	UNIT DIMENSIONS										BARE PUMP DIMENSIONS							Approximate Weight (Lbs)							
		HC *		* CM	Base		HL		* HM	HO	HX		MN	Pump	Suct.	Disch.	CP				Pump	Base	MO Unit	Mtr		
		M	P		HB	HF	M	P			M	P					M	P	D	X					Y	Z
215T	1750	66 <sup>5</sup> / <sub>16</sub>	69 <sup>5</sup> / <sub>16</sub>	17 <sup>3</sup> / <sub>8</sub>	65	22	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>2</sub>	23 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	825A	3FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>8</sub>	150	375	375	160
	3500	68	70 <sup>3</sup> / <sub>4</sub>				6 <sup>9</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>			5 <sup>1</sup> / <sub>16</sub>	7 <sup>13</sup> / <sub>16</sub>					20 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>							
254T	1750	69 <sup>11</sup> / <sub>16</sub>	72 <sup>11</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>4</sub>	70	27	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	23 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	825A	3FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>8</sub>	150	375	375	230
	3500	71 <sup>3</sup> / <sub>8</sub>	74 <sup>1</sup> / <sub>8</sub>				6 <sup>9</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>			5 <sup>1</sup> / <sub>16</sub>	7 <sup>13</sup> / <sub>16</sub>					20 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>							
256T	1750	71 <sup>7</sup> / <sub>16</sub>	74 <sup>7</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>2</sub>	70	27	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	23 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>	825A	3FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>8</sub>	150	375	375	250
	3500	73 <sup>3</sup> / <sub>8</sub>	75 <sup>7</sup> / <sub>8</sub>				6 <sup>9</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>			5 <sup>1</sup> / <sub>16</sub>	7 <sup>13</sup> / <sub>16</sub>					20 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>							
284TS	1750	71 <sup>3</sup> / <sub>16</sub>	74 <sup>3</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>4</sub>	70	27	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	23 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	825A	3FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>8</sub>	150	375	375	340
	3500	72 <sup>7</sup> / <sub>8</sub>	75 <sup>5</sup> / <sub>8</sub>				6 <sup>9</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>			5 <sup>1</sup> / <sub>16</sub>	7 <sup>13</sup> / <sub>16</sub>					20 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>							
286TS	1750	72 <sup>11</sup> / <sub>16</sub>	75 <sup>11</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>4</sub>	70	27	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	23 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>2</sub>	825A	3FLG	2 <sup>1</sup> / <sub>2</sub> FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	4 <sup>7</sup> / <sub>8</sub>	150	375	375	380
	3500	73 <sup>3</sup> / <sub>8</sub>	77 <sup>1</sup> / <sub>8</sub>				6 <sup>9</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>			5 <sup>1</sup> / <sub>16</sub>	7 <sup>13</sup> / <sub>16</sub>					20 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>							

FLG - 125 Lb. ANSI Flange

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

**DT4847032**





# VARIABLE SPEED PUMPING SYSTEMS

## Type MO

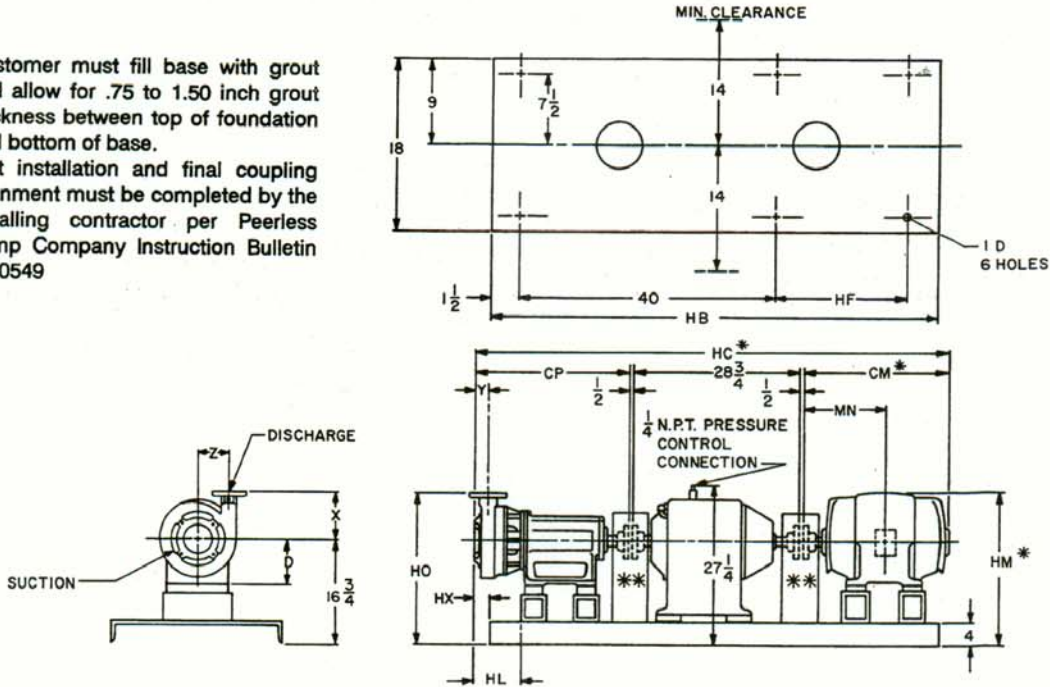
Fluid Coupling Size 9B & 11B

Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and

Flexible Coupled Series F21040A, F21050A Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARDS FURNISHED

FRAME	UNIT DIMENSIONS											BARE PUMP DIMENSIONS						Approximate Weight (Lbs.)							
	CM *	HB	HC *		HF	HL		HM *	HO	HX			MN	Pump	Suction	Discharge	X	Y	Z	CP		Pump	Base	MO Unit	Motor
			M	P		M	P			M	P	M								P					
213T	15 7/8	65	67 9/16	70 5/16	22	7 5/8	10 3/8	21 1/2	24 3/4	6 3/8	8 7/8	9 5/8	1040A	5 FLG	4 FLG	8	2 7/8	7	21 15/16	24 11/16	220	350	375	145	
215T	17 3/8		69 1/16	71 13/16																					10 3/8
254T	20 3/4	70	72 7/16	75 3/16	27	8 7/8	11 5/8	23 3/8	25 3/4	7 3/8	10 3/8	12 3/8	1050	6 FLG	5 FLG	9	3 3/16	7 7/8	23 3/16	25 15/16	244	375	375	230	
256T	22 1/2		74 3/16	76 15/16																					12 3/8
213T	15 7/8	65	68 13/16	71 9/16	22	8 7/8	11 5/8	21 1/2	25 3/4	7 3/8	10 3/8	9 5/8	1050	6 FLG	5 FLG	9	3 3/16	7 7/8	23 3/16	25 15/16	244	350	375	145	
215T	17 3/8		70 5/16	73 3/16																					10 3/8
254T	20 3/4	70	73 11/16	76 7/16	27	8 7/8	11 5/8	23 3/8	25 3/4	7 3/8	10 3/8	12 3/8	1050	6 FLG	5 FLG	9	3 3/16	7 7/8	23 3/16	25 15/16	244	375	375	230	
256T	22 1/2		75 7/16	78 3/16																					12 3/8
284T	24 5/8	72	77 9/16	80 5/16	29			24 1/8				14 1/8										425			360

FLG - 125 Lb. ANSI Flange

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
 Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction

By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847034

**VARIABLE SPEED  
PUMPING SYSTEMS**

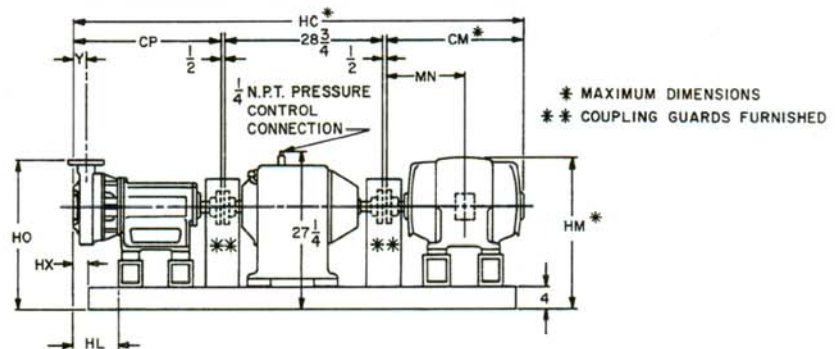
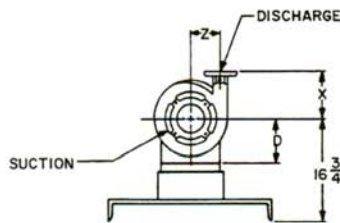
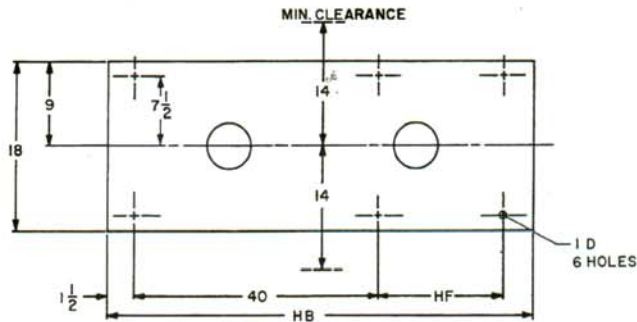


Peerless Pump Company  
Indianapolis, IN 46207-7026

**Type MO  
Fluid Coupling Size 9B & 11B**

**Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and  
Flexible Coupled Series F1830A, F2830A Style M & P Base Mounted Pumps**

- Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.
- Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



Frame	RPM	UNIT DIMENSIONS										BARE PUMP DIMENSIONS							Approximate Weight (Lbs)							
		HC*		* CM	Base		HL		* HM	HO	HX		MN	Pump	Suct.	Disch.	CP		D	X	Y	Z	Pump	Base	MO Unit	Mtr
		M	P		HB	HF	M	P			M	P					M	P								
213T	1750	64 <sup>13</sup> / <sub>16</sub>	67 <sup>13</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>8</sub>	65	22	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	830A	4FLG	3FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	350	375	250	145
	3500	66 <sup>7</sup> / <sub>16</sub>	69 <sup>3</sup> / <sub>16</sub>				6 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>		5	7 <sup>3</sup> / <sub>4</sub>					20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>								
215T	1750	66 <sup>5</sup> / <sub>16</sub>	69 <sup>3</sup> / <sub>16</sub>	17 <sup>3</sup> / <sub>8</sub>	70	27	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>8</sub>	830A	4FLG	3FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	375	375	250	160
	3500	67 <sup>15</sup> / <sub>16</sub>	70 <sup>11</sup> / <sub>16</sub>				6 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>		5	7 <sup>3</sup> / <sub>4</sub>					20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>								
254T	1750	69 <sup>11</sup> / <sub>16</sub>	72 <sup>11</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>4</sub>	70	27	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	830A	4FLG	3FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	375	375	250	230
	3500	71 <sup>5</sup> / <sub>16</sub>	74 <sup>3</sup> / <sub>16</sub>				6 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>		5	7 <sup>3</sup> / <sub>4</sub>					20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>								
256T	1750	71 <sup>1</sup> / <sub>16</sub>	74 <sup>1</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>2</sub>	70	27	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>4</sub>	830A	4FLG	3FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	375	375	250	160
	3500	73 <sup>1</sup> / <sub>16</sub>	75 <sup>13</sup> / <sub>16</sub>				6 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>		5	7 <sup>3</sup> / <sub>4</sub>					20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>								
284TS	1750	71 <sup>3</sup> / <sub>16</sub>	74 <sup>3</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>4</sub>	72	29	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>4</sub>	830A	4FLG	3FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	375	375	250	340
	3500	72 <sup>13</sup> / <sub>16</sub>	75 <sup>9</sup> / <sub>16</sub>				6 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>		5	7 <sup>3</sup> / <sub>4</sub>					20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>								
286TS	1750	72 <sup>11</sup> / <sub>16</sub>	75 <sup>11</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>4</sub>	72	29	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>2</sub>	830A	4FLG	3FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	375	375	250	380
	3500	74 <sup>3</sup> / <sub>16</sub>	77 <sup>3</sup> / <sub>16</sub>				6 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>		5	7 <sup>3</sup> / <sub>4</sub>					20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>								
324TS	1750	73 <sup>11</sup> / <sub>16</sub>	76 <sup>11</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>4</sub>	72	29	4 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>4</sub>	830A	4FLG	3FLG	19 <sup>3</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	162	375	375	250	500
	3500	75 <sup>5</sup> / <sub>16</sub>	78 <sup>5</sup> / <sub>16</sub>				6 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>		5	7 <sup>3</sup> / <sub>4</sub>					20 <sup>13</sup> / <sub>16</sub>	23 <sup>9</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>								

FLG - 125 Lb. ANSI Flange

Unit weight - Pump MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847061





# VARIABLE SPEED PUMPING SYSTEMS

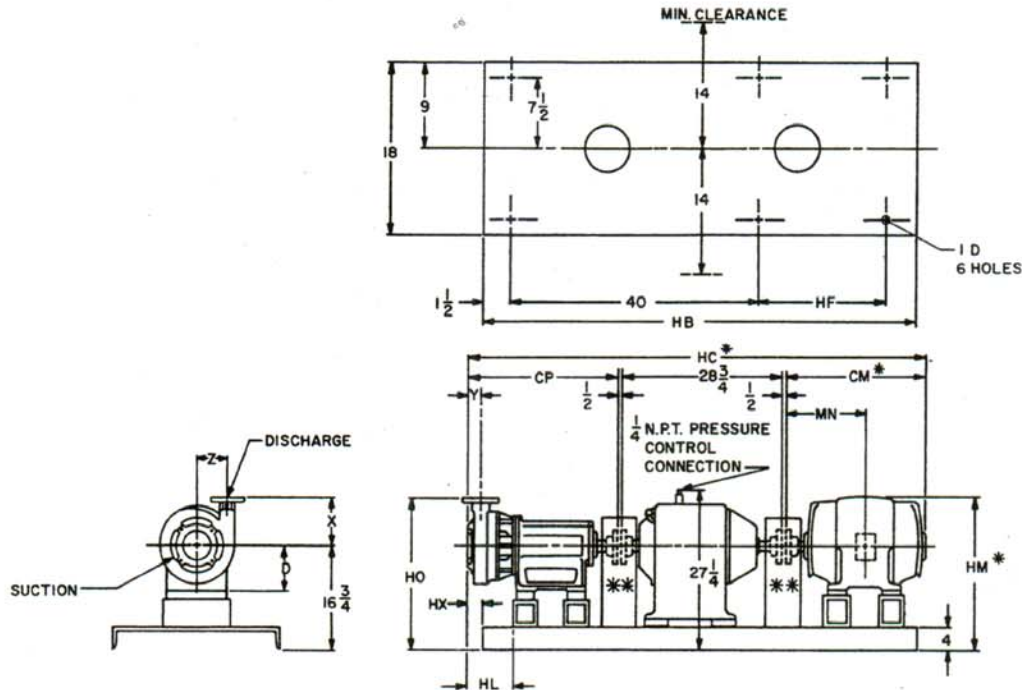
## Type MO

Fluid Coupling Size 9B & 11B

Hydroconstant® Variable Speed Fluid Drives

With Flexible Coupled Motors and

Flexible Coupled Series F11125, F21140 Style M & P Base Mounted Pumps



✓	PUMP SERIES, TYPE, STYLE	SUCTION FLANGE SIZE EQUIVALENT TO 125 LB ANSI	DISCHARGE FLANGE SIZE	PUMP DIMENSIONS IN INCHES								PUMP WT lb
				CP	D	X	Y	Z	HL	HO	HX	
	F11125M	3	2½	19.62	5.31	8.06	2.32	6.12	6.00	24.81	4.50	153
	F21140M	5	4	21.24	6.31	9.00	2.62	6.50	6.25	25.75	4.75	225
	F11125P	3	2½	22.34	5.31	8.06	2.32	6.12	8.75	24.81	7.25	153
	F21140P	5	4	24.06	6.31	9.00	2.62	6.50	9.00	25.75	7.50	225

✓	PUMP SERIES, TYPE,	MOTOR FRAME SIZE	NOMINAL MOTOR RPM	UNIT DIMENSIONS - INCHES							APPROXIMATE WT lb			
				CM*	HB	HC*		HF	HM*	MN	BASE CPLG GUARD	MO FLUID DRIVE	ODP MTR	TOTAL UNIT
						STYLE M MECH SEAL	STYLE P PACKED							
	F11125	213T	1750	15.88	65	65.25	68.00	22	21.50	9.62	350	375	145	1023
	F21140	213T	1750	15.88	65	66.87	69.62	22	21.50	9.62	350	375	145	1095
	F11125	215T	1750	17.38	65	68.87	69.62	22	21.50	10.38	350	375	160	1038
	F21140	254T	1750	20.75	70	71.75	74.50	27	23.38	12.38	350	375	230	1180

\* MAXIMUM DIMENSIONS; MAY BE LESS WITH DIFFERENT MAKE MOTORS OR ENCLOSURES

\*\* COUPLING GUARD FURNISHED

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ Total Hd in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4852856

**VARIABLE SPEED  
PUMPING SYSTEMS**



Peerless Pump Company  
Indianapolis, IN 46207-7026

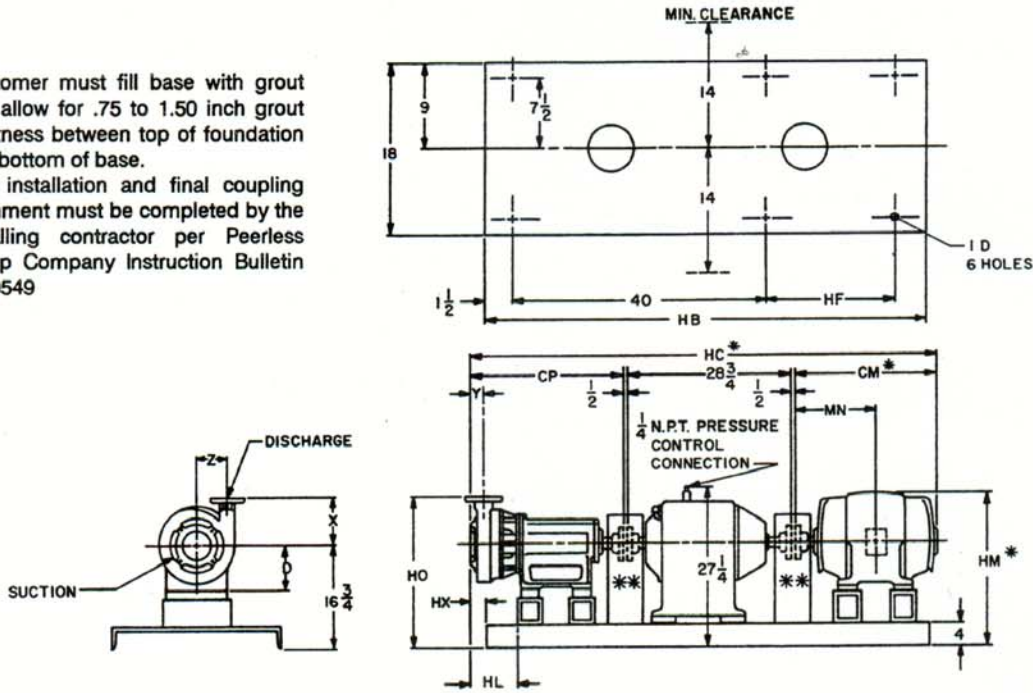
**Type MO**

Fluid Coupling Size 9B

**Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and  
Flexible Coupled Series F21125 Style M & P Base Mounted Pumps**

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



✓	PUMP SERIES, TYPE, STYLE	SUCTION FLANGE SIZE EQUIVALENT TO 125 LB ANSI	DISCHARGE FLANGE SIZE	PUMP DIMENSIONS IN INCHES								PUMP WT lb
				CP	D	X	Y	Z	HL	HO	HX	
	F21125M	3	2½	20.94	6.31	8.06	2.32	6.12	6.00	24.81	4.50	178
	F21125P	3	2½	23.75	6.31	8.06	2.32	6.12	8.75	24.81	7.25	178

✓	PUMP SERIES, TYPE,	MOTOR FRAME SIZE	NOMINAL MOTOR RPM	UNIT DIMENSIONS - INCHES							APPROXIMATE WT lb			
				CM*	HB	HC*		HF	HM*	MN	BASE CPLG GUARD	MO FLUID DRIVE	ODP MTR	TOTAL UNIT
						STYLE M MECH SEAL	STYLE P PACKED							
	F21125	256T	3500	22.5	70	73.19	76.00	27	23.38	13.25	375	375	250	1178
	F21125	284TS	3500	22.25	72	72.94	75.75	29	24.12	12.75	400	375	360	1313
	F21125	286TS	3500	23.75	72	74.44	77.25	29	24.12	13.50	400	375	380	1333
	F21125	324TS	3500	24.75	74	75.44	78.25	31	25.12	14.25	425	375	500	1478
	F21125	326TS	3500	26.25	74	76.94	79.75	31	25.12	15.00	425	375	600	1578

\* MAXIMUM DIMENSIONS; MAY BE LESS WITH DIFFERENT MAKE MOTORS OR ENCLOSURES

\*\* COUPLING GUARD FURNISHED

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_  
Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

**DT4852857**





# VARIABLE SPEED PUMPING SYSTEMS

## Type MO

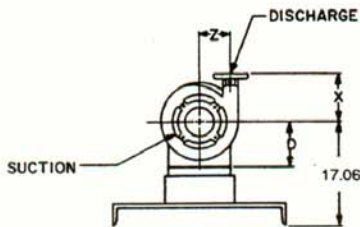
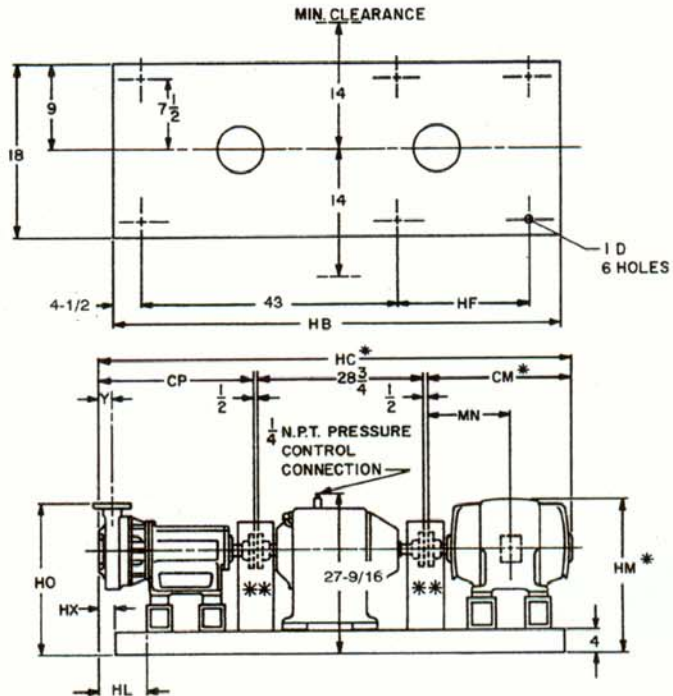
### Fluid Coupling Size 9B

#### Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and

#### Flexible Coupled Series F21140 Style M & P Base Mounted Pumps

**Note 1:** Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

**Note 2:** Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



✓	PUMP SERIES, TYPE, STYLE	SUCTION FLANGE SIZE EQUIVALENT TO 125 LB ANSI	DISCHARGE FLANGE SIZE	PUMP DIMENSIONS IN INCHES								PUMP WT lb
				CP	D	X	Y	Z	HL	HO	HX	
	F21140M	5	4	21.24	6.31	9	2.62	6.5	6.25	25.75	4.75	225
	F21140P	5	4	24.06	6.31	9	2.62	6.5	9.00	25.75	7.50	225

✓	PUMP SERIES, TYPE,	MOTOR FRAME SIZE	NOMINAL MOTOR RPM	UNIT DIMENSIONS - INCHES							APPROXIMATE WT lb			
				CM*	HB	HC*		HF	HM*	MN	BASE CPLG GUARD	MO FLUID DRIVE	ODP MTR	TOTAL UNIT
						STYLE M MECH SEAL	STYLE P PACKED							
	F21140	286TS	3500	23.75	72	74.74	77.56	29	24.12	13.50	400	375	380	1380
	F21140	324TS	3500	24.75	74	75.74	78.56	31	25.12	14.25	425	375	500	1525
	F21140	326TS	3500	26.25	74	77.25	80.06	31	25.12	15.00	425	375	600	1625

\* MAXIMUM DIMENSIONS; MAY BE LESS WITH DIFFERENT MAKE MOTORS OR ENCLOSURES

\*\* COUPLING GUARD FURNISHED

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
 Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4852858

BLANK





Peerless Pump Company  
Indianapolis, IN 46207-7026

# VARIABLE SPEED PUMPING SYSTEMS

## Type MO

Fluid Coupling Size 9B & 11B

Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and

Flexible Coupled Series F1840, F11020A, F11025A, F11030A Style M & P Base Mounted Pumps

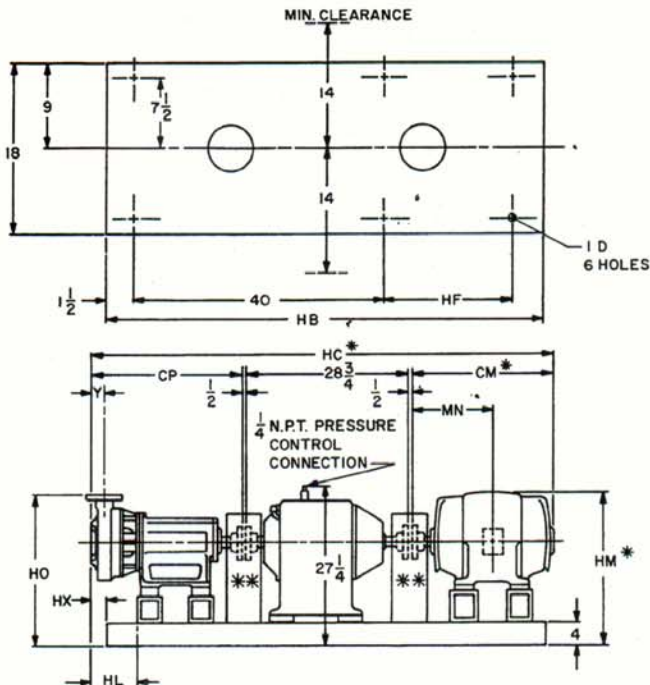
SECTION 4130

Page 39

September 23, 1977

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARDS FURNISHED

FRAME	UNIT DIMENSIONS											BARE PUMP DIMENSIONS							Approximate Weight (Lbs.)					
	CM *	HB	HC *		HF	HL		HM *	HO	HX		MN	Pump	Suction	Discharge	X	Y	Z	CP		Pump	Base	MO Unit	Motor
			M	P		M	P			M	P													
213T	15 7/8	65	66 7/16	69 7/16	22	6 1/2	9 1/2	21 1/2	24 3/8	5	8	9 5/8	840	5 FLG	4 FLG	7 3/8	3	5 7/8	20 13/16	23 3/16	173	350	375	145
215T	17 3/8	65	67 15/16	70 5/16	22	6 1/2	9 1/2	21 1/2	24 3/8	5	8	10 3/8	840	5 FLG	4 FLG	7 3/8	3	5 7/8	20 13/16	23 3/16	173	350	375	160
213T	15 7/8	65	65 3/16	68 3/16	22	5 1/4	8 3/4	21 1/2	23 3/4	3 3/4	6 3/4	9 5/8	1020A	2 1/2 FLG	2 FLG	7	2 1/2	5 7/8	19 9/16	22 9/16	149	350	375	145
213T	15 7/8	65	65 3/16	68 3/16	22	5 1/4	8 3/4	21 1/2	24 3/4	3 5/8	6 5/8	9 5/8	1025A	3 FLG	2 1/2 FLG	7 1/2	2 1/4	5 7/8	19 9/16	22 9/16	142	350	375	145
215T	17 3/8	65	66 9/16	69 9/16	22	5 1/4	8 3/4	21 1/2	24 3/4	3 5/8	6 5/8	10 3/8												160
254T	20 3/4	70	69 15/16	72 15/16	27	5 1/4	8 3/4	21 1/2	23 3/8	3 5/8	6 5/8	12 3/8												230
213T	15 7/8	65	65 3/16	68 3/16	22	5 1/4	8 3/4	21 1/2	24 3/4	3 5/8	6 5/8	9 5/8	1030A	4 FLG	3 FLG	7 1/2	2 1/2	6 3/4	19 9/16	22 9/16	161	350	375	145
215T	17 3/8	65	66 9/16	69 9/16	22	5 1/4	8 3/4	21 1/2				10 3/8												160
254T	20 3/4	70	69 15/16	72 15/16	27	5 1/4	8 3/4	21 1/2				12 3/8												230
256T	22 1/2	70	71 11/16	74 11/16	27	5 1/4	8 3/4	21 1/2	23 3/8	3 5/8	6 5/8	13 3/4	1030A	4 FLG	3 FLG	7 1/2	2 1/2	6 3/4	19 9/16	22 9/16	161	350	375	250

FLG - 125 Lb. ANSI Flange

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
 Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847033

**VARIABLE SPEED  
PUMPING SYSTEMS**



Peerless Pump Company  
Indianapolis, IN 46207-7026

**Type MO**

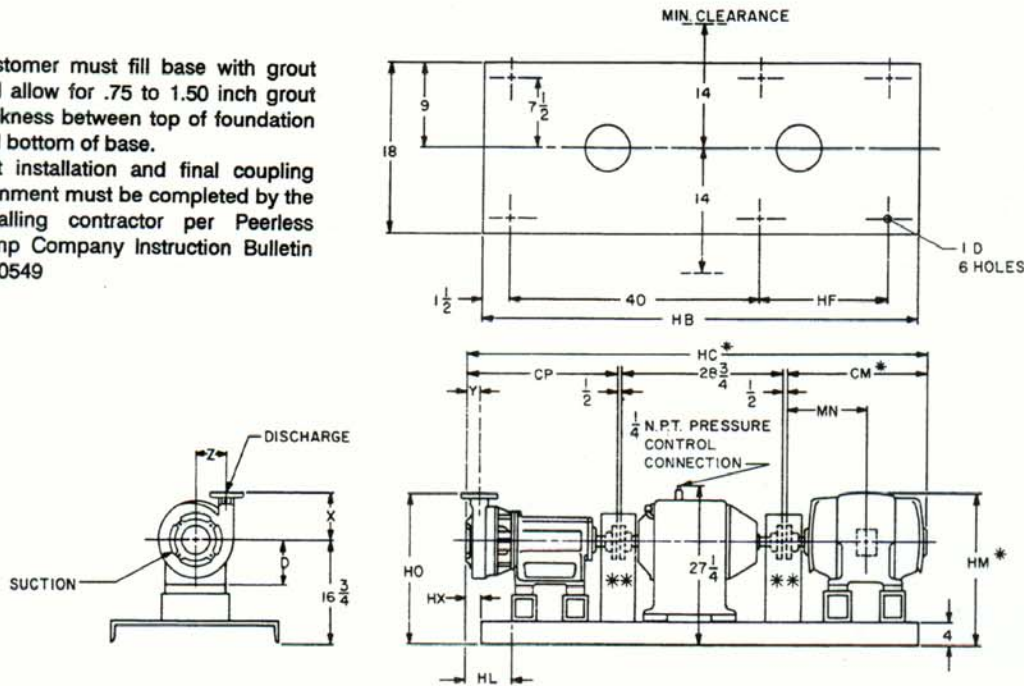
**Fluid Coupling Size 9B & 11B**

**Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and**

**Flexible Coupled Series F21215A, F21220A Style M & P Base Mounted Pumps**

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARDS FURNISHED

FRAME	UNIT DIMENSIONS											BARE PUMP DIMENSIONS							Approximate Weight Lbs.						
	CM*	HB	HC*		HF	HL		HM*	HO	HX			MN	Pump	Suction	Disch.	X	Y	Z	CP		Pump	Base	MO Unit	Motor
			M	P		M	P			M	P														
213T	15 7/8	64	66 7/8	69 5/8	21	6 3/4	9 5/16	21 1/2	24 1/4	5 1/4	8 1/16	10 3/8	F1215A	2NPT	1 1/2 NPT	7 1/2	3	6 3/4	21 1/4	24	180	350	375	145	
215T	17 3/8	70	68 3/8	71 1/8	21	6 3/4	9 5/16	21 1/2	24 1/4	5 1/4	8 1/16	10 3/8	F1215A	2NPT	1 1/2 NPT	7 1/2	3	6 3/4	21 1/4	24	180	350	375	160	
254T	20 3/4	70	71 3/4	74 1/2	27	6 3/4	9 5/16	23 3/8	24 1/4	5 1/4	8 1/16	12 3/8	F1215A	2NPT	1 1/2 NPT	7 1/2	3	6 3/4	21 1/4	24	180	375	375	230	
213T	15 7/8	64	65 15/16	68 3/4	21	5 7/8	8 1 1/16	21 1/2	24 1/2	4 3/8	7 3/16	10 3/8	F1220A	2 1/2 FLG	2 FLG	7 3/4	2 1/8	6 13/16	20 5/16	23 3/8	205	350	375	145	
215T	17 3/8	70	67 7/16	70 3/4	21	5 7/8	8 1 1/16	21 1/2	24 1/2	4 3/8	7 3/16	10 3/8	F1220A	2 1/2 FLG	2 FLG	7 3/4	2 1/8	6 13/16	20 5/16	23 3/8	205	350	375	160	
254T	20 3/4	70	70 13/16	73 5/8	27	5 7/8	8 1 1/16	23 3/8	24 1/2	4 3/8	7 3/16	12 3/8	F1220A	2 1/2 FLG	2 FLG	7 3/4	2 1/8	6 13/16	20 5/16	23 3/8	205	375	375	230	
256T	22 1/2	70	72 9/16	75 3/8	27	5 7/8	8 1 1/16	23 3/8	24 1/2	4 3/8	7 3/16	13 3/4	F1220A	2 1/2 FLG	2 FLG	7 3/4	2 1/8	6 13/16	20 5/16	23 3/8	205	375	375	250	

NPT - American Standard Taper Pipe Thread  
FLG - 125 Lb. ANSI Flange

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

**DT4847243**





# VARIABLE SPEED PUMPING SYSTEMS

## Type MO

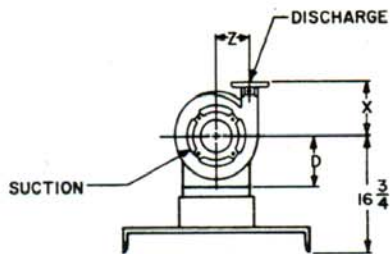
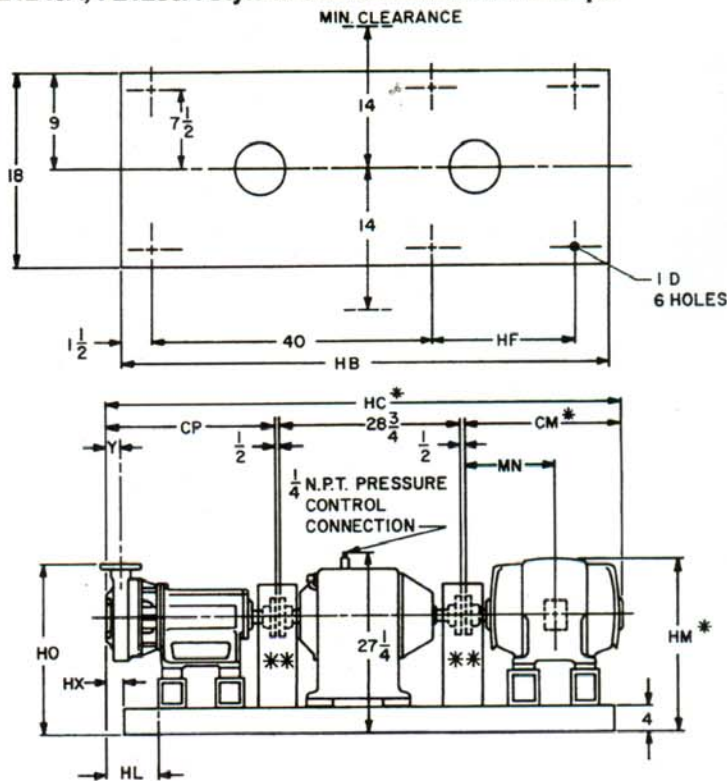
Fluid Coupling Size 9B & 11B

Hydroconstant® Variable Speed Fluid Drives  
With Flexible Coupled Motors and

Flexible Coupled Series F21230A, F21240A, F21250A Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



\* Maximum Dimensions  
\*\* Coupling Guards Furnished

FRAME	UNIT DIMENSIONS											BARE PUMP DIMENSIONS							Approximate Weight Lbs.					
	CM*	HB	HC*		HF	HL		HM*	HO	HX		MN	Pump	Suction	Disch.	X	Y	Z	CP		Pump	Base	MO Unit	Motor
			M	P		M	P			M	P													
215T	17 3/8	64	67 3/4	70 9/16	21			21 1/2				10 3/8	F1230A	4FLG	3FLG	9	2 1/4	7 1/8	20 5/8	23 3/16	235	350	375	160
254T	20 3/4	70	71 3/8	73 13/16	27	6 3/16	9	23 3/8	25 3/4	4 11/16	7 7/16	12 3/8	F1230A	4FLG	3FLG	9	2 1/4	7 1/8	20 5/8	23 3/16	235	375	375	230
256T	22 1/2	70	72 3/8	75 11/16	27	6 3/16	9	23 3/8	25 3/4	4 11/16	7 7/16	13 3/4	F1230A	4FLG	3FLG	9	2 1/4	7 1/8	20 5/8	23 3/16	235	375	375	250
284T	24 5/8	72	75	77 13/16	29	6 3/16	9	24 1/8	25 3/4	4 11/16	7 7/16	14 1/8	F1230A	4FLG	3FLG	9	2 1/4	7 1/8	20 5/8	23 3/16	235	375	375	360
254T	20 3/4	70	71 3/8	74 1/8	27	6 3/16	9 3/16	23 3/8	25 3/4	4 7/8	7 11/16	12 3/8	F1240A	5FLG	4FLG	9	2 7/16	7 1/2	20 7/8	23 3/8	250	375	375	230
256T	22 1/2	70	73 3/8	75 7/8	27	6 3/16	9 3/16	23 3/8	25 3/4	4 7/8	7 11/16	13 3/4	F1240A	5FLG	4FLG	9	2 7/16	7 1/2	20 7/8	23 3/8	250	375	375	250
284T	24 5/8	72	75 3/8	78	29	6 3/16	9 3/16	24 1/8	25 3/4	4 7/8	7 11/16	14 3/8	F1240A	5FLG	4FLG	9	2 7/16	7 1/2	20 7/8	23 3/8	250	375	375	360
286T	25	72	75 5/8	78 3/4	29	6 3/16	9 3/16	24 1/8	25 3/4	4 7/8	7 11/16	14 7/8	F1240A	5FLG	4FLG	9	2 7/16	7 1/2	20 7/8	23 3/8	250	375	375	380
324T	26 1/2	74	77 1/8	79 7/8	31	6 3/16	9 3/16	25 1/8	25 3/4	4 7/8	7 11/16	15 1/4	F1240A	5FLG	4FLG	9	2 7/16	7 1/2	20 7/8	23 3/8	250	375	375	500
284T	24 5/8	72	76 1/2	79 3/4	29	7 11/16	10 1/2	24 1/8	26 1/8	6 3/16	9	14 3/8	F1250A	6FLG	5FLG	9 3/4	3 1/2	8	22 1/8	24 7/8	270	400	375	360
286T	25	72	76 3/8	79 5/8	29	7 11/16	10 1/2	24 1/8	26 1/8	6 3/16	9	14 7/8	F1250A	6FLG	5FLG	9 3/4	3 1/2	8	22 1/8	24 7/8	270	400	375	380
324T	26 1/2	74	78 3/8	81 1/8	31	7 11/16	10 1/2	25 1/8	26 1/8	6 3/16	9	15 3/4	F1250A	6FLG	5FLG	9 3/4	3 1/2	8	22 1/8	24 7/8	270	400	375	500
326T	27 3/4	74	79 3/8	82 3/8	31	7 11/16	10 1/2	25 1/8	26 1/8	6 3/16	9	16 1/2	F1250A	6FLG	5FLG	9 3/4	3 1/2	8	22 1/8	24 7/8	270	400	375	600

FLG - 125 Lb. ANSI Flange

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
 Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

# VARIABLE SPEED PUMPING SYSTEMS



Peerless Pump Company  
Indianapolis, IN 46207-7026

## Type MO

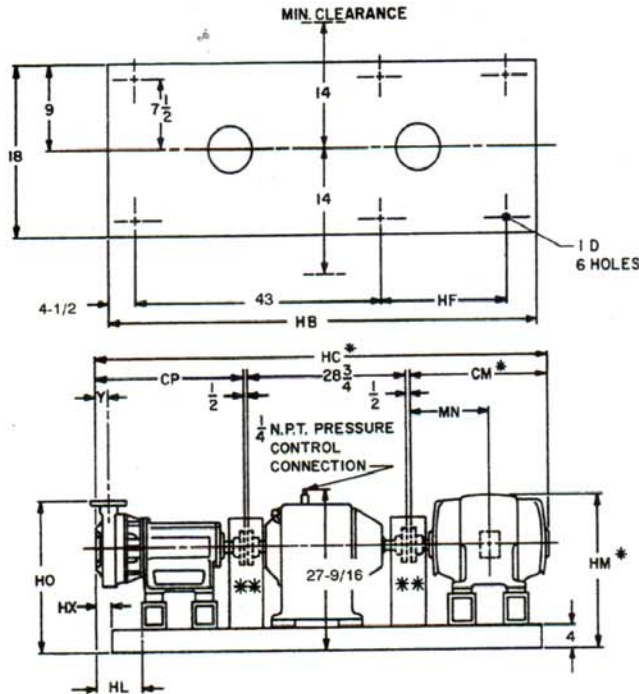
### Fluid Coupling Size 11B

#### Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and

#### Flexible Coupled Series F21260G Style M & P Base Mounted Pumps

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549



✓	PUMP SERIES, TYPE, STYLE	SUCTION FLANGE SIZE EQUIVALENT TO 125 LB ANSI	DISCHARGE FLANGE SIZE	PUMP DIMENSIONS IN INCHES							PUMP WT lb	
				CP	D	X	Y	Z	HL	HO		HX
	F21260GM	8	6	28.19	6.31	8.88	6.31	9.88	10.5	25.94	6	351
	F21260GP	8	6	25.28	6.31	8.88	6.31	9.88	10.5	25.94	6	351

✓	PUMP SERIES, TYPE,	MOTOR FRAME SIZE	NOMINAL MOTOR RPM	UNIT DIMENSIONS - INCHES						APPROXIMATE WT lb				
				CM*	HB	HC*		HF	HM*	MN	BASE CPLG GUARD	MO FLUID DRIVE	ODP MTR	TOTAL UNIT
						STYLE M MECH SEAL	STYLE P PACKED							
	F21260G	286T	1750	28	79	85.94	88.72	30	24.56	14.88	475	375	370	1571
	F21260G	324T	1750	30	83	87.94	90.72	34	25.56	15.75	500	375	475	1701
	F21260G	326T	1750	32	83	89.94	92.72	34	25.56	16.5	500	375	525	1751

\* MAXIMUM DIMENSIONS; MAY BE LESS WITH DIFFERENT MAKE MOTORS OR ENCLOSURES

\*\* COUPLING GUARD FURNISHED

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4852859





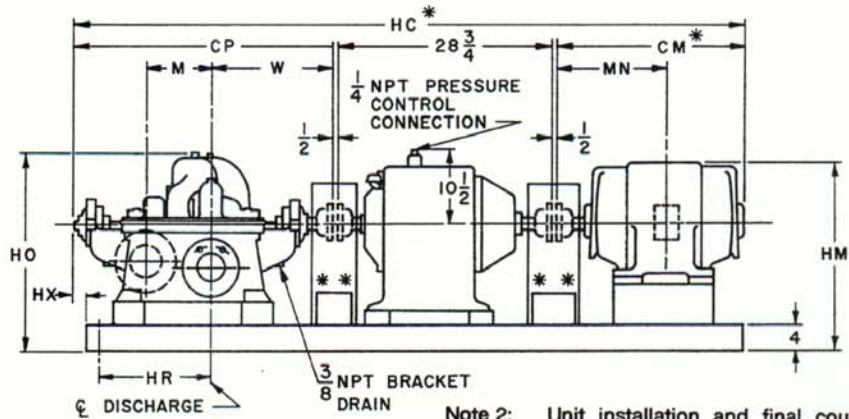
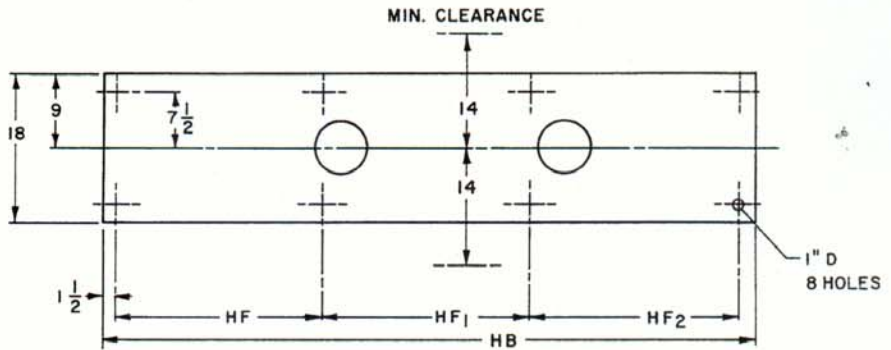
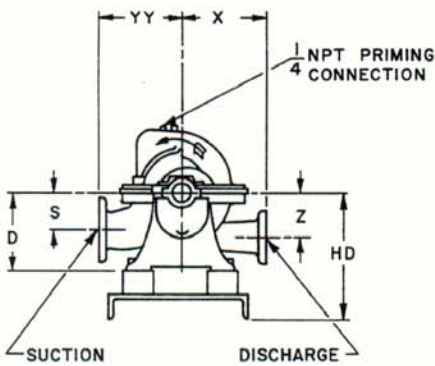
# VARIABLE SPEED PUMPING SYSTEMS Type MO9B

Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and Flexible Coupled Size & Type 1-1/2TU7 & 2TU8 Base Mounted Pumps

RIGHT HAND  
ROTATION

CLOCKWISE

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

Pump Size & Type	Motor Frame	Bare Pump Dimensions										Unit Dimensions							Base Dimensions				Approximate Weight (Lbs.)				
		ANSI Flanges		CP	M	D	S	W	X	YY	Z	Weight Lbs.	HC*	HD	HO	HR	CM*	HM*	MN	HX	HB	HF	HF1	HF2	Base	MO Unit	Motor
		125 Lb. Suction	250 Lb. Discharge																								
1 1/2 TU7	213T	2 1/2	1 1/2	35 13/16	7	8	3 3/4	17 1/4	8 8	3 3/8	375	81 9/16	16 1/4	23 3/8	12 5/8	16	22 1/4	9 5/8	4 7/16	80	27	27	23	390	375	145	
	215T											83 9/16				18	10 3/8	160									
	254T											86 1/16				21	12 3/8	230									
	256T											88 1/16				22 1/2	13 3/4	250									
2 TU8	213T	3	2	38 3/8	8 3/4	9	4 1/2	18 1/4	10 9/16	4 1/2	525	84 3/8	16 1/4	24 1/4	14 3/8	16	22 1/4	9 5/8	4 1/2	82	28	29	22	390	375	145	
	215T											86 3/8				18	10 3/8	160									
	254T											89 3/8				21	12 3/8	230									
	256T											90 3/8				22 1/2	13 3/4	250									
	284TS											90 3/8				22	12 3/4	340									
	286TS											92 1/8				23 1/4	13 1/2	380									
	324TS											93 3/8				25	14 1/4	500									
	326TS											94 3/8				26 1/4	15	600									

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Size & Type \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ Total Hd \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction

By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847104

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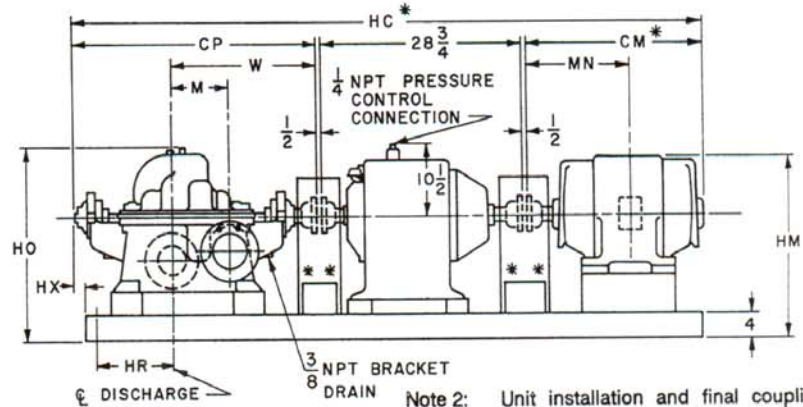
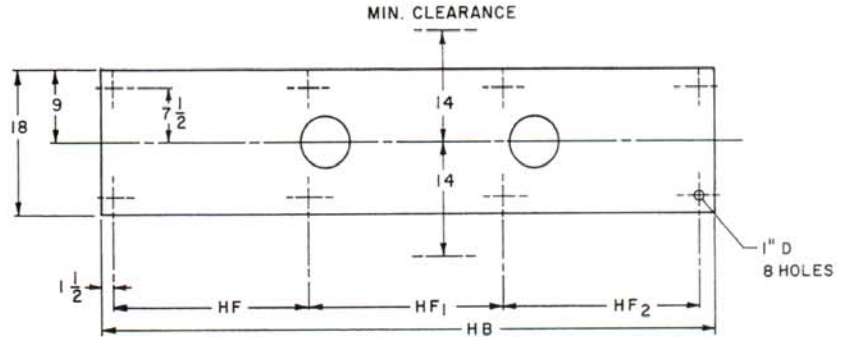
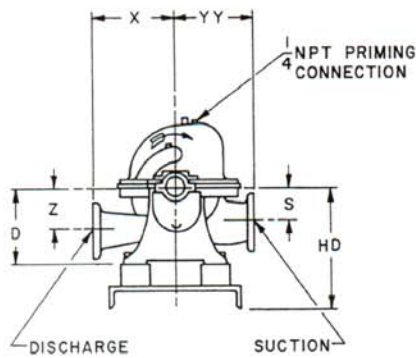


# VARIABLE SPEED PUMPING SYSTEMS Type MO9B

Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and Flexible Coupled Size & Type 1-1/2TU7 & 2TU8 Base Mounted Pumps

LEFT HAND  
ROTATION  
COUNTER CLOCKWISE

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

Pump Size & Type	Motor Frame	Bare Pump Dimensions										Unit Dimensions								Base Dimensions				Approximate Weight (Lbs.)			
		ANSI Flanges		CP	M	D	S	W	X	YY	Z	Weight Lbs.	HC*	HD	HO	HR	CM*	HM*	MN	HX	HB	HF	HF1	HF2	Base	MO Unit	Motor
		125 Lb. Suction	250 Lb. Discharge																								
1 1/2 TU7	213T	2 1/2	1 1/2	35 13/16	7	8	3 3/4	21 1/4	8	8	3 7/8	375	81 9/16	16 1/4	23 1/2	8 5/8	16	22 1/4	9 5/8	4 7/16	80	27	27	23	390	375	145
	215T												83 9/16				18	10 3/8	160								
	254T												86 9/16				21	12 3/8	230								
	256T												88 1/16				22 1/2	13 3/4	250								
2 TU8	213T	3	2	38 5/8	8 3/4	9 1/2	23 3/4	10 9/16	4 1/2	525	84 3/8	16 1/4	24 1/2	9 3/8	16	22 1/4	9 5/8	4 1/2	82	28	29	22	390	375	145		
	215T										86 3/8				18	10 3/8	160										
	254T										89 3/8				21	12 3/8	230										
	256T										90 7/8				22 1/2	13 3/4	250										
	284TS										90 3/8				22	12 3/4	340										
	286TS										92 1/8				23 3/4	13 1/2	380										
	324TS										93 3/8				25	14 1/4	500										
	326TS										94 3/8				26 1/4	15	600										

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Size & Type \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ Total Hd in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_  
Subject to change unless certified for construction

DT4847105

## VARIABLE SPEED PUMPING SYSTEMS Type MO9B & 11B

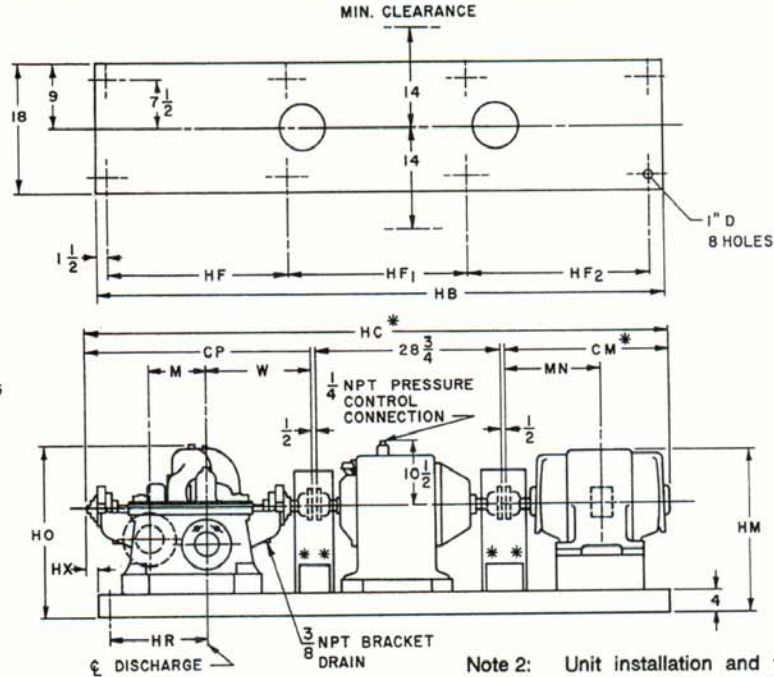
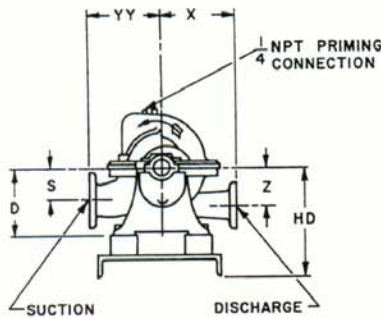


Peerless Pump Company  
Indianapolis, IN 46207-7026

**Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and  
Flexible Coupled Size & Type 2TU10 & 2TU12 Base Mounted Pumps**

**RIGHT HAND  
ROTATION**  
  
CLOCKWISE

**Note 1:** Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

**Note 2:** Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

Pump Size & Type	Motor Frame	Bare Pump Dimensions										Unit Dimensions								Base Dimensions				Approximate Weight (Lbs.)			
		ANSI Flanges		CP	M	D	S	W	X	YY	Z	Weight Lbs.	HC*	HD	HO	HR	CM*	HM*	MN	HX	HB	HF	HF1	HF2	Base	MO Unit	Motor
		125 Lb. Suction	250 Lb. Discharge																								
2TU10	213T	3	2	39 3/8	9 1/4	10 4	18 1/2	9 1/2	9 1/4	5 1/4	625	85 1/8	16 3/4	26 1/4	14 1/4	16	22 1/4	9 5/8	84	29	29	23	410	375	145		
	215T											87 1/8				18	10 3/8	160									
	254T											90 1/8				21	12 3/8	230									
	284TS											91 1/8				22	12 3/4	340									
	286TS											92 1/8				22	13 1/2	380									
	324TS											93 5/8				24 1/2	14 1/4	500									
	326TS											95 3/8				25 3/8	15	600									
	364TS											96 1/8				26 1/4	15 1/4	650									
	365TS											97 1/8				27	15 3/4	700									
2TU12	213T	3	2	39 3/8	9 1/4	10 4 1/4	18 1/2	10	10 1/2	7	675	85 1/8	16 1/4	27 1/4	14 3/4	16	22 1/4	9 5/8	84	29	29	23	410	375	145		
	215T											87 1/8				18	10 3/8	160									
	254T											90 1/8				21	12 3/8	230									
	256T											91 1/8				22 1/2	13 1/4	250									
	284TS											91 1/8				22	12 3/4	340									
	286TS											92 1/8				23 3/4	13 1/2	380									
	324TS											94 1/8				25	14 1/4	500									
	326TS											95 3/8				25 3/8	15	600									
	364TS											96 1/8				26 1/4	15 1/4	650									
365TS	97 1/8	27	15 3/4	700																							

Unit weight – Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

**DT 4847106**





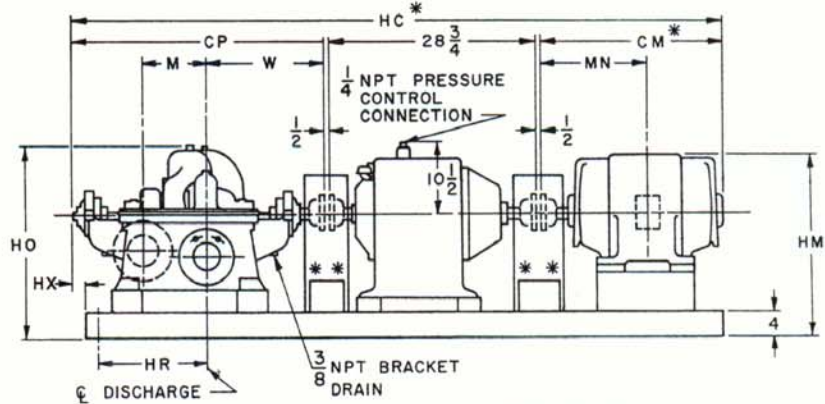
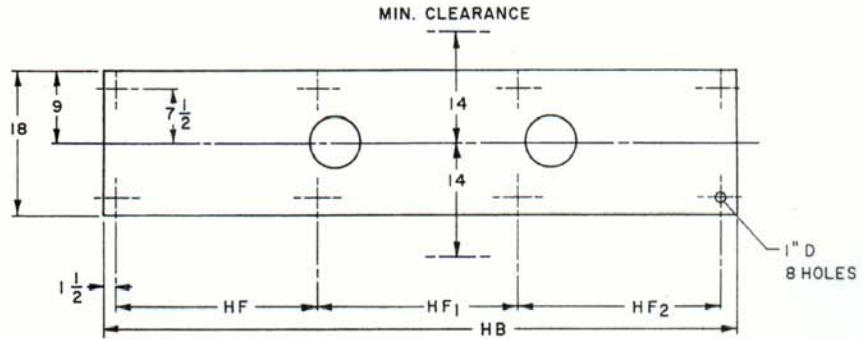
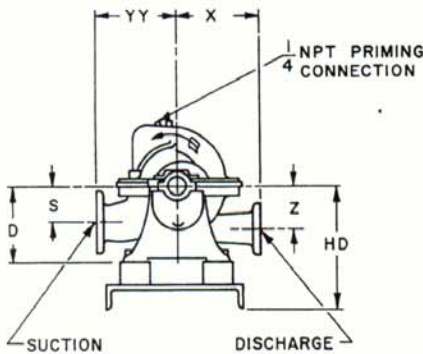
# VARIABLE SPEED PUMPING SYSTEMS Type MO9B & 11B

Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and Flexible Coupled Size & Type 3TU10, 3TU13, 3TU13-1/2 Base Mounted Pumps

**RIGHT HAND  
ROTATION**

**CLOCKWISE**

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

Pump Size & Type	Motor Frame	Bare Pump Dimensions								Unit Dimensions								Base Dimensions				Approximate Weight (Lbs.)									
		ANSI Flanges 125 Lb. Suction	250 Lb. Discharge	CP	M	D	S	W	X	YY	Z	Weight (Lbs.)	HC*	HD	HO	HR	CM*	HM*	MN	HX	HB	HF	HF	HF	HF	Base	MO Unit	Motor			
3TU10	213T	4	3	39 3/8	9 1/4	10 1/4	18 1/2	10	10	5 1/4	675	85 1/8	16	22 1/4	9 5/8	84	29	29	23	410	375	145									
	215T											87 1/8											18	10 1/8	160						
	254T											90 1/8											21	23 3/8	12 3/8	230					
	324TS											94 1/8											16 1/4	26 1/2	14 3/4	25	25 1/4	14 1/4	4 5/8	440	500
	326TS											95 1/8											26 1/4	15	600						
	364TS											96 1/8											27	15 1/4	700						
365TS	97 1/8	28	15 1/4																												
3TU13 3TU13 1/2	254T	4	3	41 1/4	9 1/4	11 1/4	19 5/8	12	12	8 1/4	825	92	17	29 3/8	14 1/8	21	23 3/8	12 3/8	90	31	31	25	445	375	230						
	256T											93 1/2				22 1/2	13 3/4	250													
	284T											94 1/2				23 1/2	14 1/8	340													
	286T											96				25	14 1/8	380													
	324T											97 1/4				26 1/4	15 1/4	500													
	326T											99				28	16 1/2	600													

Unit weight – Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 Pump Size & Type \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ Total Hd \_\_\_\_\_ in Feet \_\_\_\_\_  
 Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

**DT4847108**

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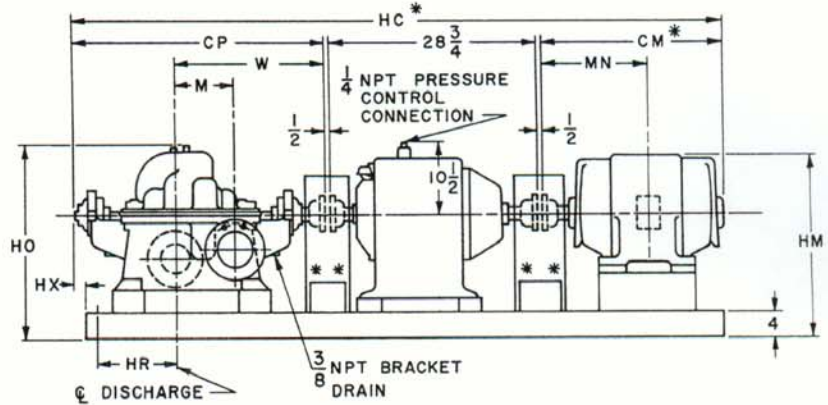
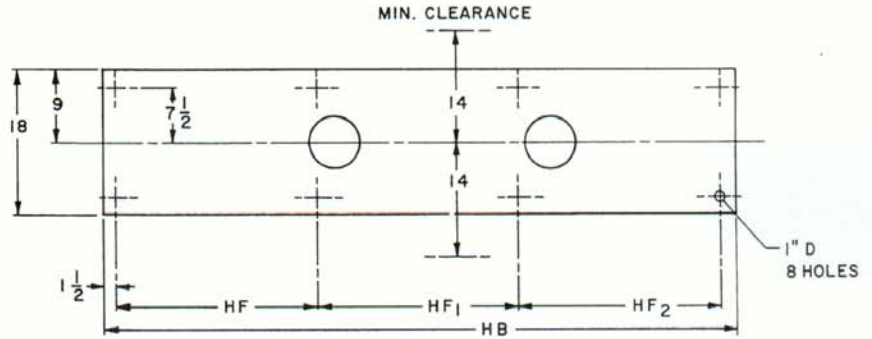
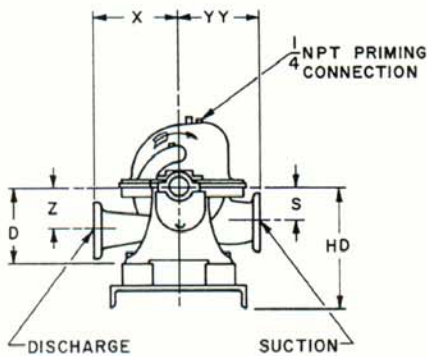




# VARIABLE SPEED PUMPING SYSTEMS Type MO9B & 11B

Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and Flexible Coupled Size & Type 3TU10, 3TU13, 3TU13-1/2 Base Mounted Pumps

LEFT HAND  
ROTATION  
COUNTER CLOCKWISE



\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

Pump Size & Type	Motor Frame	Bare Pump Dimensions										Unit Dimensions								Base Dimensions				Approximate Weight (Lbs.)						
		ANSI Flanges		CP	M	D	S	W	X	YY	Z	Weight Lbs.	HC*	HD	HO	HR	CM*	HM*	MN	HX	HB	HF	HF1	HF2	Base	MO Unit	Motor			
		125 Lb. Suction	250 Lb. Discharge																											
3TU10	213T	4	3	39 3/8	9 3/4	10	4 3/4	23 3/4	10	10	5 3/4	675	85 1/8	16 3/4	26 1/2	9 1/2	16	22 1/4	9 5/8	25	25 1/4	14 1/4	4 5/8	92	29	29	23	410	375	145
	215T												18				10 3/8	160												
	254T												21				23 3/8	12 3/8	425											230
	324TS												94 1/8				15 1/4	500												
	326TS												95 3/8				15	600												
	364TS												96 1/8				15 1/4	700												
3TU13 3TU13 1/2	254T	4	3	41 1/4	9 3/4	11	4 3/4	24 7/8	12	12	8 3/4	825	92	17	29 3/8	9 5/8	21	23 3/8	12 3/8	24 1/2	24 1/2	14 3/8	5 1/4	92	31	31	25	445	375	230
	256T												22 1/2				13 3/4	250												
	284T												94 1/2				14 3/8	340												
	286T												96				14 7/8	380												
	324T												97 1/4				15 1/4	500												
	326T												99				16 1/2	600												

Unit weight - Pump, MO-Unit with Motor & Base \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
 P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
 Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
 Pump Size & Type \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ Total Hd in Feet \_\_\_\_\_

Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

DT4847109

**VARIABLE SPEED  
PUMPING SYSTEMS  
Type MO9B, 11B**



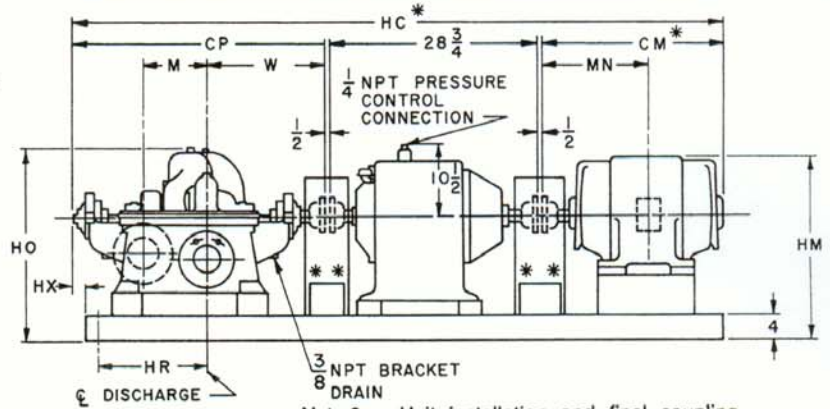
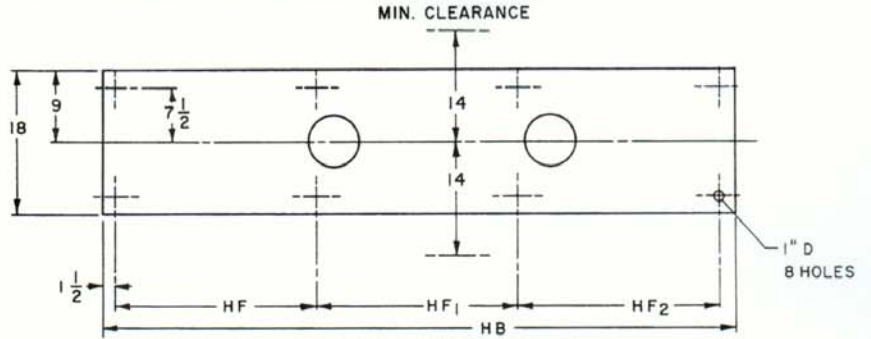
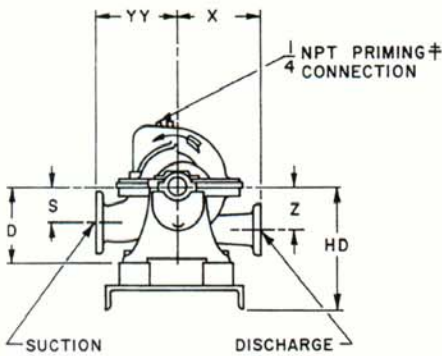
Peerless Pump Company  
Indianapolis, IN 46207-7026

Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and  
Flexible Coupled Size & Type 4TU10 & 4TU14 Base Mounted Pumps

**RIGHT HAND  
ROTATION**

CLOCKWISE

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.



Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

Pump Size & Type	Motor Frame	Bare Pump Dimensions										Unit Dimensions								Base Dimensions				Approximate Weight (Lbs.)			
		ANSI Flanges		CP	M	D	S	W	X	YY	Z	Weight Lbs.	HC*	HD	HO	HR	CM*	HM*	MN	HX	HB	HF	HF <sub>1</sub>	HF <sub>2</sub>	Base	MO Unit	Motor
		125 Lb. Suction	250 Lb. Discharge																								
4TU10	213T	5	4	4 1/4	9 1/8	12 6/8	19 5/8	14	13	6	850	87	16 3/4	27 1/4	16 5/8	16	22 1/4	9 5/8	3 3/4	94	30	30	23	400	375	145	
	215T											18				10 3/8	160										
	254T											21				23 3/8	12 3/4	230									
	256T											22 1/2				13 3/4	250										
	324TS											25				14 1/4	500										
	326TS											25 1/4				15	600										
	364TS											27				15 1/4	650										
	365TS											28				15 3/4	700										
4TU14	254T	5	4	4 5/8	11 1/8	12 5 1/2	21 1/8	14	14	9	1150	96 1/8	17	31	17	21	23 3/4	12 3/8	5 1/4	94	32	32	27	430	375	230	
	256T											22 1/2				13 3/4	250										
	284T											23 3/8				14 1/8	340										
	286T											25				14 7/8	380										
	324T											26 1/4				15 3/4	490										
	326T											28				16 1/2	530										
	‡											103 1/4															

‡ 4TU14 has 1/4 Priming Connection \* Maximum Dimensions \*\* Coupling Guard Furnished Total Unit Weight lb \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_  
Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

**DT 4847110**





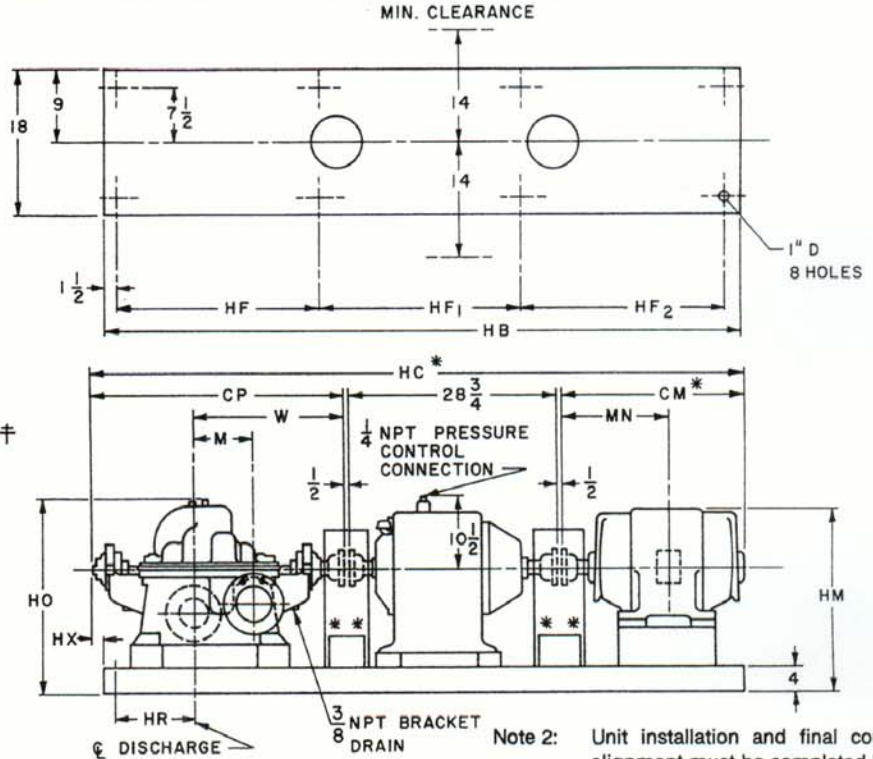
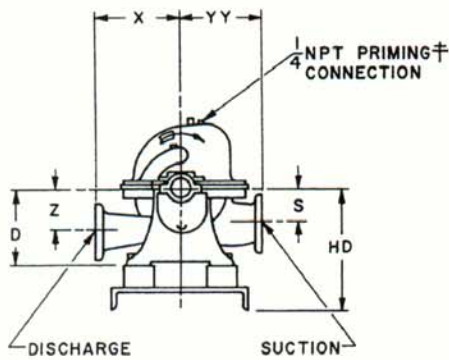
# VARIABLE SPEED PUMPING SYSTEMS Type MO9B, 11B

Hydroconstant® Variable Speed Fluid Drives With Flexible Coupled Motors and Flexible Coupled Size & Type 4TU10 & 4TU14 Base Mounted Pumps

LEFT HAND  
ROTATION

COUNTER CLOCKWISE

Note 1: Customer must fill base with grout and allow for .75 to 1.50 inch grout thickness between top of foundation and bottom of base.



Note 2: Unit installation and final coupling alignment must be completed by the installing contractor per Peerless Pump Company Instruction Bulletin 2880549

\* MAXIMUM DIMENSIONS  
\*\* COUPLING GUARD FURNISHED

Pump Size & Type	Motor Frame	Bare Pump Dimensions										Unit Dimensions								Base Dimensions				Approximate Weight (Lbs.)																																				
		ANSI Flanges		CP	M	D	S	W	X	YY	Z	Weight Lbs.	HC*	HD	HO	HR	CM*	HM*	MN	HX	HB	HF	HF1	HF2	Base	MO Unit	Motor																																	
		125 Lb. Suction	250 Lb. Discharge																																																									
4TU10	213T	5	4	41 1/4	9 3/4	12 6	24 7/8	14	13	6	850	87	16	22 1/4	9 3/4	86	30	30	23	400	375	145																																						
	215T											89											18	10 3/4	92	30	30	29	420	160																														
	254T											92											21	12 3/8							94	30	30	31	430	230																								
	256T											93 1/2											22 1/2	13 3/4													96	30	30	33	430	250																		
	324TS											96											25	14 1/4																			96	30	30	33	430	600												
	326TS											97 1/4											26 1/4	15																									96	30	30	33	430	650						
	364TS											98											27	15 1/4																															96	30	30	33	430	700
	365TS											99											28	15 3/4																																				
254T	96 1/8	21	12 3/8	94	32	32	27	430	230																																																			
256T	97 7/8	22 1/2	13 3/4							94	32	32	29	450	375	250																																												
284T	98 5/8	23 1/2	14 1/4														96	32	32	29	450	375	340																																					
286T	100 3/8	25	14 7/8																					96	32	32	29	450	375	380																														
324T	101 3/8	26 1/4	15 3/4																												98	32	32	31	450	375	490																							
326T	103 3/8	28	16 1/2																																			98	32	32	31	450	375	530																

† 4TU14 has 3/4 priming connection

\* Maximum Dimensions      \*\* Coupling Guard Furnished      Total Unit Weight lb \_\_\_\_\_

Customer \_\_\_\_\_ Job Name \_\_\_\_\_  
P.O. No. \_\_\_\_\_ Item No. \_\_\_\_\_  
Invoice No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
Motor Mfr. \_\_\_\_\_ Enclosure \_\_\_\_\_ Frame \_\_\_\_\_ hp \_\_\_\_\_ Volts \_\_\_\_\_ Ph \_\_\_\_\_ Hz \_\_\_\_\_  
Pump Series, \_\_\_\_\_ Total Hd \_\_\_\_\_  
Type, Style \_\_\_\_\_ rpm \_\_\_\_\_ gpm \_\_\_\_\_ in Feet \_\_\_\_\_  
Certified for  Approval  Construction By \_\_\_\_\_ Date \_\_\_\_\_

Subject to change unless certified for construction

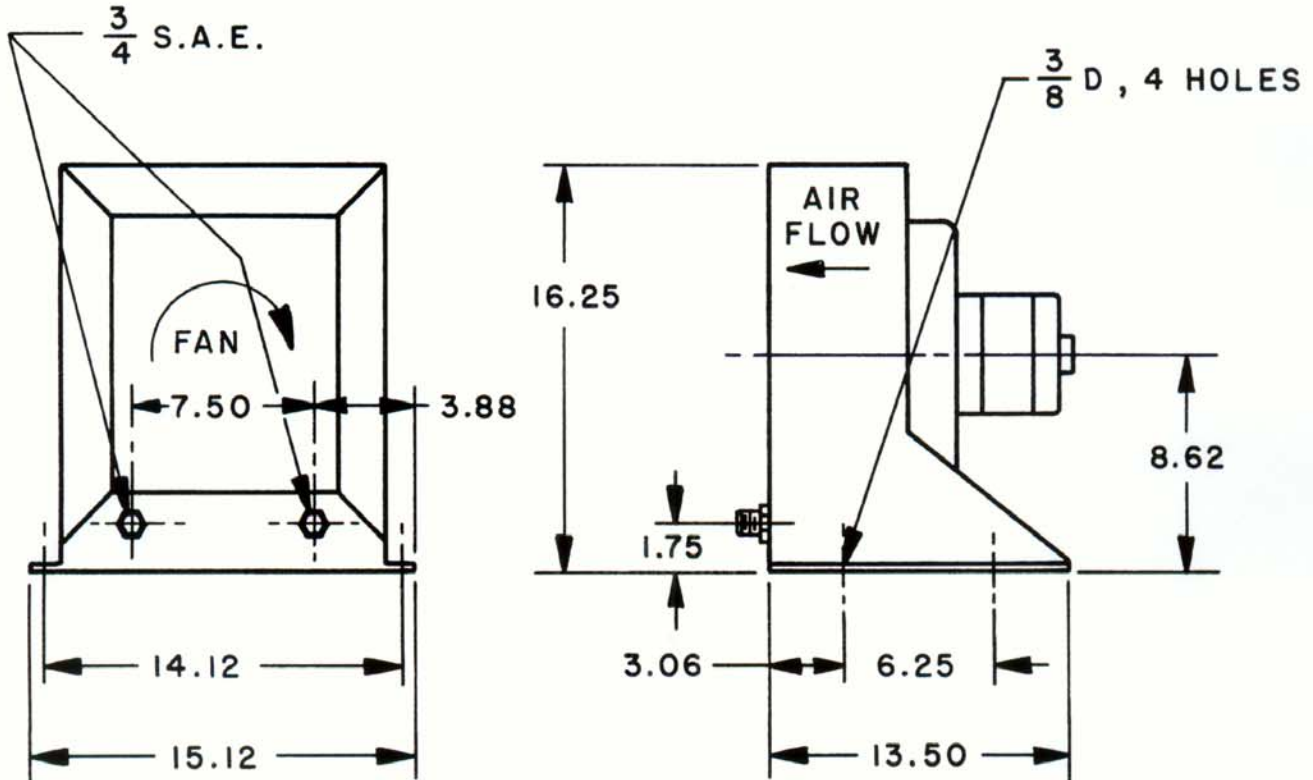
DT 4847111

**VARIABLE SPEED  
 PUMPING SYSTEMS**



Peerless Pump Company  
 Indianapolis, IN 46207-7026

**Air/Oil Cooler for  
 Hydroconstant® Variable Speed Fluid Drives  
 Types M, MP, MO, MX Sizes 6B & 8C  
 (Reference No. 2691648)**



All dimensions are in inches

Unit weight 30 Lbs.

Notes:

1. An oil temperature sensing switch (reference no. 2691181) is furnished for mounting by others to control on-off operation of fan motor and to provide high temperature shut-down protection for variable speed drive motor. (See Section 4130 page 74 for dimensions and data.) Interconnecting piping between air/oil cooler and variable speed drive is to be furnished by others.
2. See Section 4130 page 72.1 for connection points on Hydroconstant variable speed drive for Air/Oil Cooler.

CUSTOMER _____	JOB NAME _____
P.O. NO. _____	ITEM NO. _____
S.O. NO. _____	OIL COOLER FAN H.P. <u>1/12</u> VOLTAGE <u>115</u>
PHASE <u>1</u> HERTZ <u>60</u> RPM <u>1550</u>	ENCLOSURE <u>Totally Enclosed</u>
CERTIFIED FOR <input type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	BY _____ DATE _____

Subject to change unless certified for construction

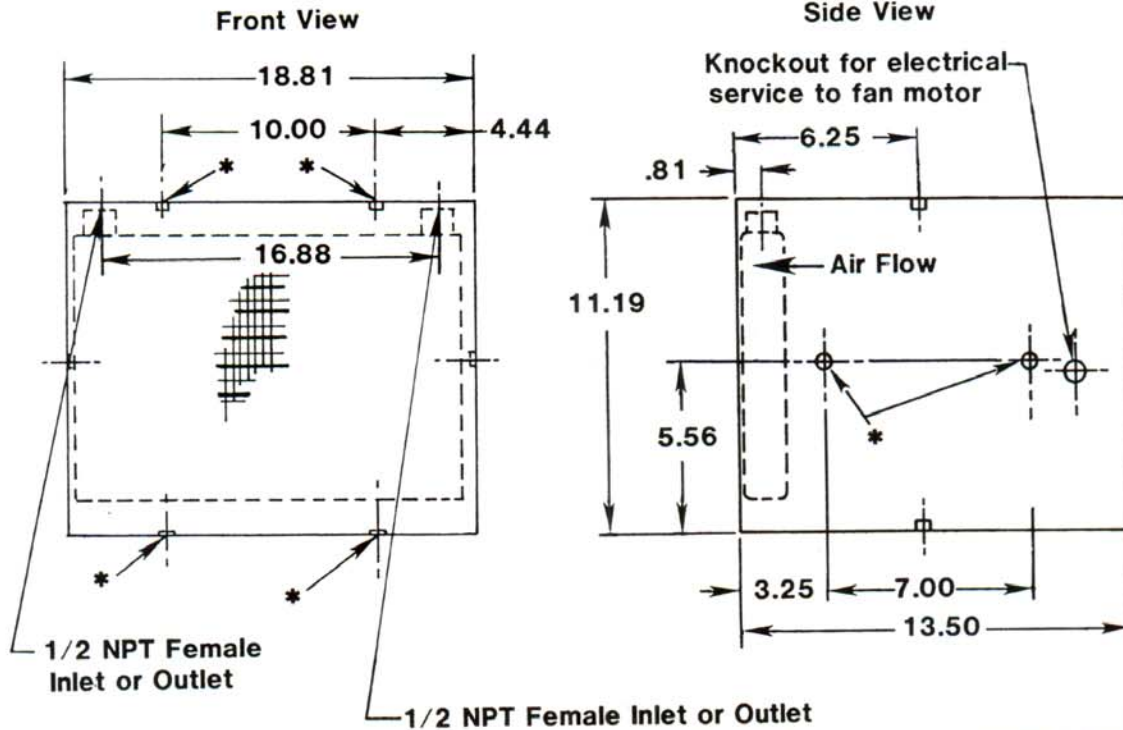
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## VARIABLE SPEED PUMPING SYSTEMS

Air/Oil Cooler for  
Hydroconstant® Variable Speed Fluid Drives  
Types M, MP, MO, MX Sizes 8C, 9B & 11B  
(Reference No. 2689011)



\* 1/4-20 UNC-2B Weld-Nuts for mounting, Two places on top, bottom & both sides

All dimensions are in inches

Unit weight 50 Lbs.

Notes:

1. An oil temperature sensing switch (reference no. 2691181) is furnished for mounting by others to control on-off operation of fan motor and to provide high temperature shut-down protection for variable speed drive motor. (See Section 4130 page 74 for dimensions and data.) Interconnecting piping between air/oil cooler and variable speed drive is to be furnished by others.
2. See Section 4130 page 72.1 (8A) and 73 (9B, 11B) for connection points on Hydroconstant variable speed drive for Air/Oil Cooler.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ OIL COOLER FAN H.P. 1/10 VOLTAGE 115  
PHASE 1 HERTZ 60 RPM 1550 ENCLOSURE Totally Enclosed  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction

DT4850727  
Rev. 6-85

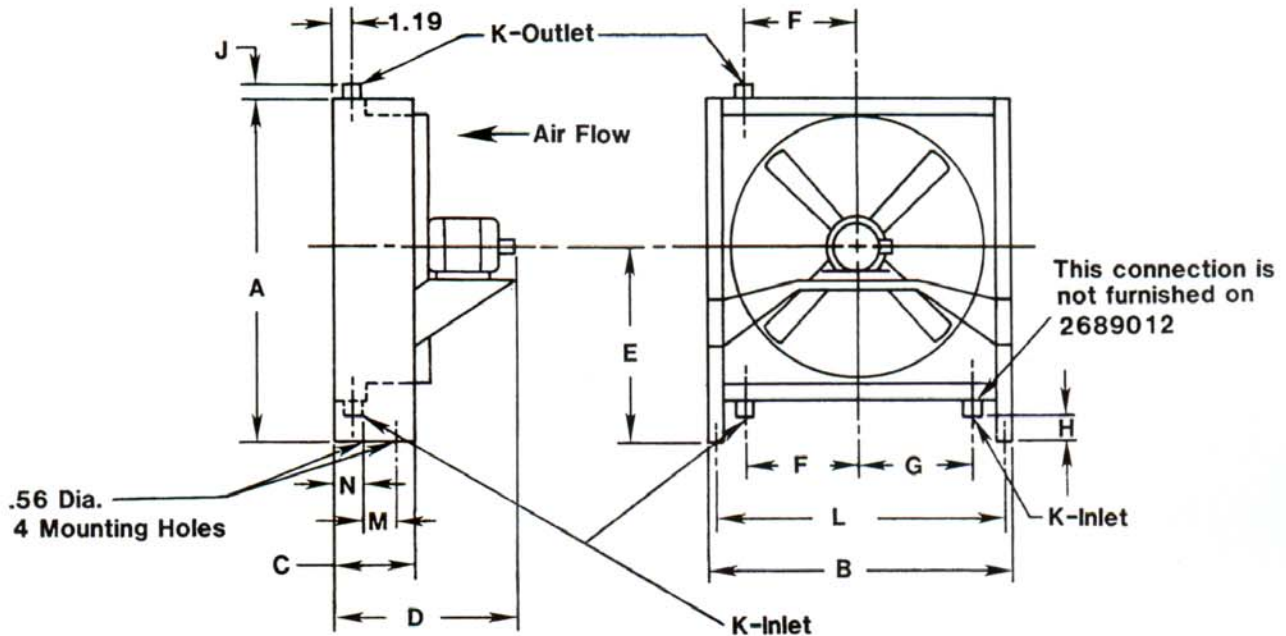
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# VARIABLE SPEED PUMPING SYSTEMS

## Air/Oil Cooler for Hydroconstant® Variable Speed Fluid Drives Types M, MP, MO, MX Sizes 8C, 9B, 11B and Type MO Sizes 14B, 17B



All dimensions are in inches

X	Air/Oil Cooler Ref. No	A	B	C	D Approx	E	F	G	H	J	K NPT Female	L	M	N	Mtr Hp	Mtr Voltage	PH	Wt Lbs
	2689012	17.12	13.62	7.00	16.25	10.62	3.12	—	3.25	.88	1	11.62	4.75	1.12	.33	115	1	75
	2689013	22.37	19.00	7.00	16.25	13.25	15.81	3.19	3.25	.88	1	17.00	4.75	1.12	.33	230/460	3	100
	2689014	27.78	22.25	10.00	20.00	17.19	7.44	4.56	5.62	.88	1	20.25	7.50	1.25	.75	230/460	3	150
	2689015	31.50	26.50	10.00	20.12	19.00	9.56	6.44	5.50	1.00	1 1/4	24.50	7.50	1.25	1.00	230/460	3	225

Notes:

1. An oil temperature sensing switch (reference no. 2691181) is furnished for mounting by others to control on-off operation of fan motor and to provide high temperature shut-down protection for variable speed drive motor. (See Section 4130 page 74 for dimensions and data.) Interconnecting piping between air/oil cooler and variable speed drive is to be furnished by others.
2. See Section 4130 page 72.1 (8A) and 73 (9B, 11B, 14B, 17B) for connection K points on Hydroconstant variable speed drive for Air/Oil Cooler.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
S.O. NO. \_\_\_\_\_ OIL COOLER FAN H.P. \_\_\_\_\_ VOLTAGE \_\_\_\_\_  
PHASE \_\_\_\_\_ HERTZ 60 RPM \_\_\_\_\_ ENCLOSURE Totally Enclosed  
CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

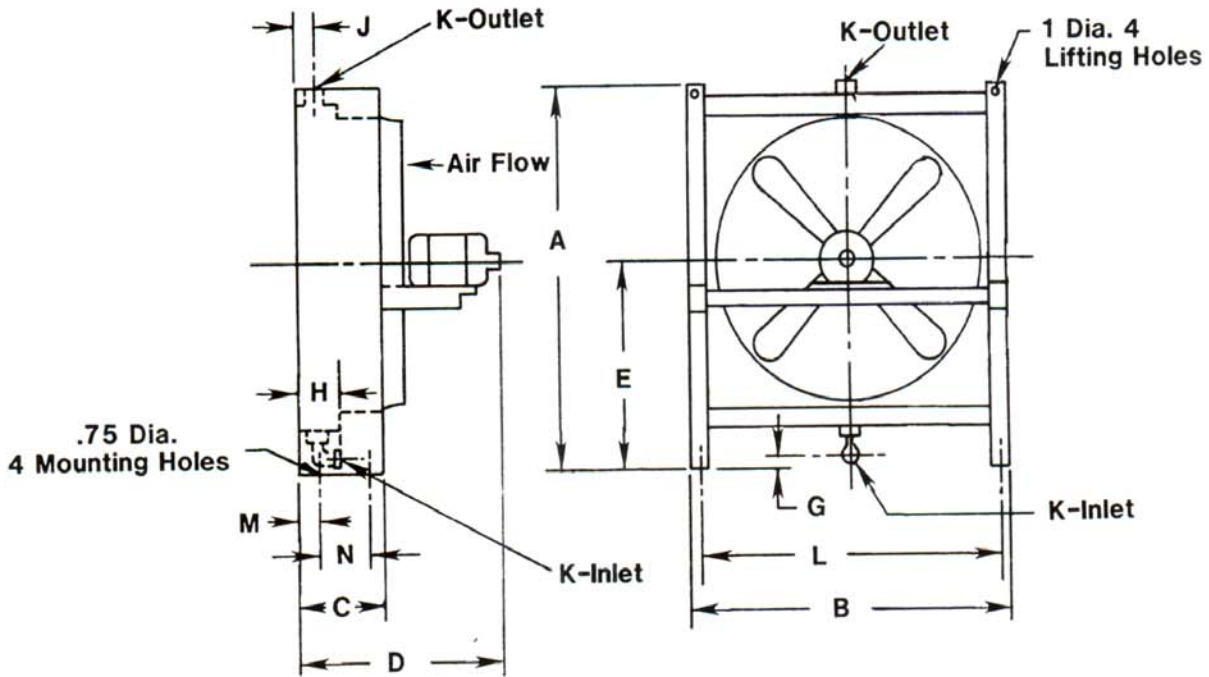
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**VARIABLE SPEED  
 PUMPING SYSTEMS**



Peerless Pump Company  
 Indianapolis, IN 46207-7026

**Air/Oil Cooler for  
 Hydroconstant® Variable Speed Fluid Drives  
 Types M, MP, MO, MX Sizes 8C, 9B, 11B and  
 Type MO Sizes 14B, 17B**



All dimensions are in inches

X	Air/Oil Cooler Ref. No	A	B	C	D Approx	E	G	H	J	K NPT Female	L	M	N	Mtr Hp	Wt Lbs
	2689016	40.94	34.25	12.00	26.75	23.50	5.38	3.44	1.94	1.00	32.75	2.00	8.00	2	300
	2689162	45.12	40.50	12.00	29.00	25.62	4.62	3.88	1.94	1.50	39.00	2.00	8.00	3	375

Notes:

1. An oil temperature sensing switch (reference no. 2691181) is furnished for mounting by others to control on-off operation of fan motor and to provide high temperature shut-down protection for variable speed drive motor. (See Section 4130 page 74 for dimensions and data.) Interconnecting piping between air/oil cooler and variable speed drive is to be furnished by others.
2. See Section 4130 page 73 for connection points on Hydroconstant variable speed drive for Air/Oil Cooler.

CUSTOMER \_\_\_\_\_ JOB NAME \_\_\_\_\_  
 P.O. NO. \_\_\_\_\_ ITEM NO. \_\_\_\_\_  
 S.O. NO. \_\_\_\_\_ OIL COOLER FAN H.P. \_\_\_\_\_ VOLTAGE 230/460  
 PHASE 3 HERTZ 60 RPM \_\_\_\_\_ ENCLOSURE Totally Enclosed  
 CERTIFIED FOR  APPROVAL  CONSTRUCTION BY \_\_\_\_\_ DATE \_\_\_\_\_

Subject to change unless certified for construction

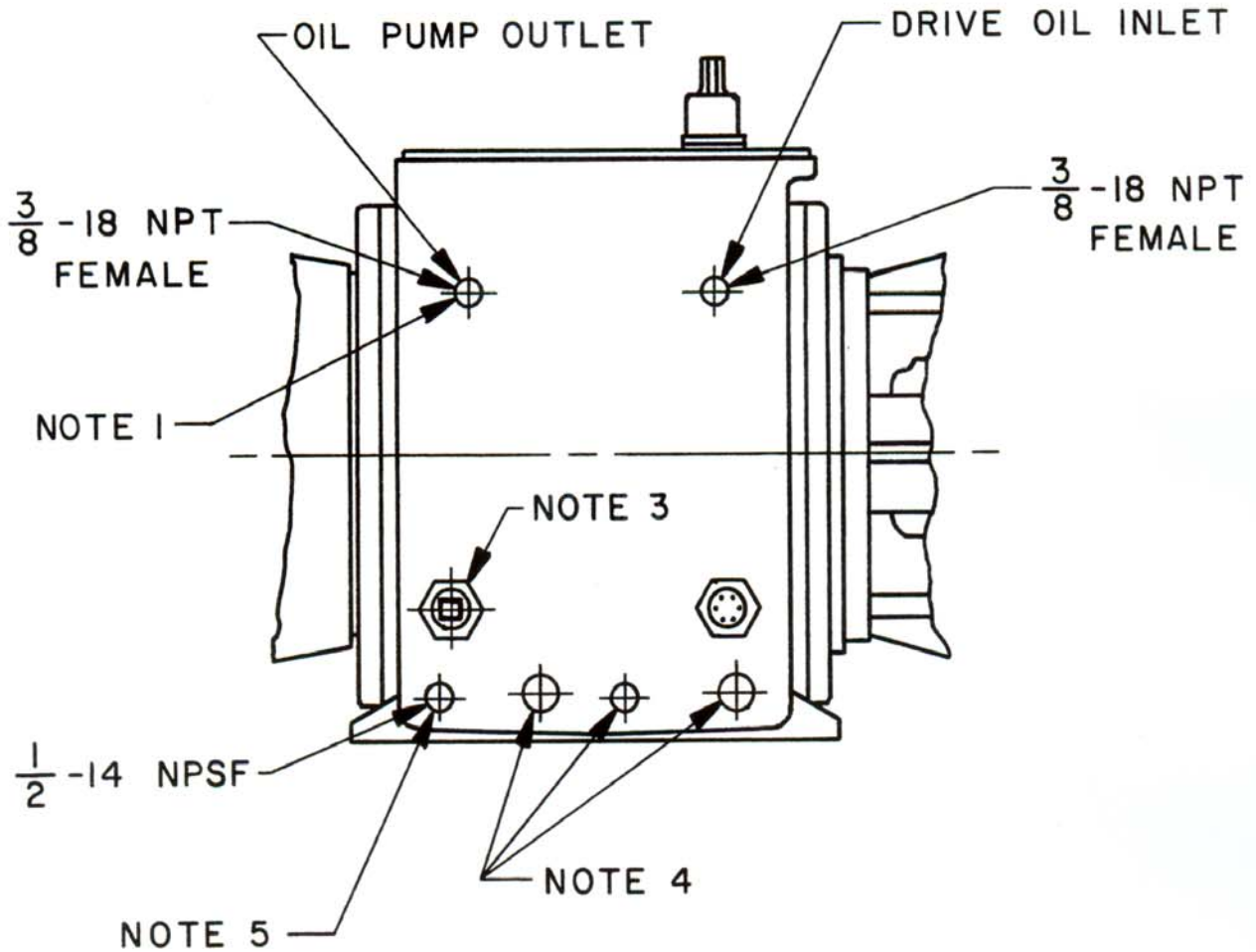
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 Rev. 6-85





## VARIABLE SPEED PUMPING SYSTEMS

### Air/Oil Cooler Connection Points for Hydroconstant® Variable Speed Fluid Drives Types M, MP, MO, MX Sizes 6B & 8C



**NOTES:**

1. Connect oil pump outlet to inlet connection shown on air/oil cooler dimension drawing.
2. Connect drive oil inlet to oil outlet connection shown (always top opening) on air/oil cooler outline dimension drawing.
3. Opening for temperature regulating valve probe. Do not use for connection with air/oil coolers or damage to variable speed drive will result.
4. Do not use for switch mountings or for connections with air/oil coolers or damage to variable speed drive will result.
5. Place thermal control switch in this location only.

*Subject to change unless certified for construction.*

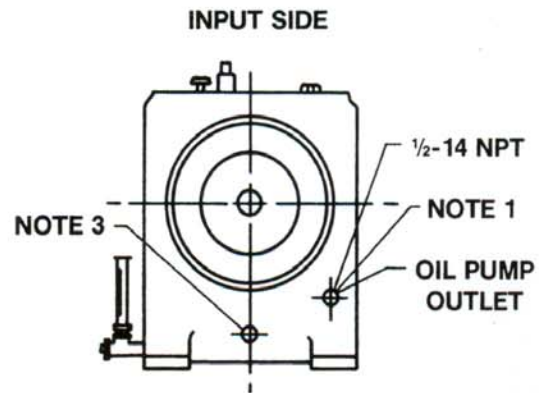
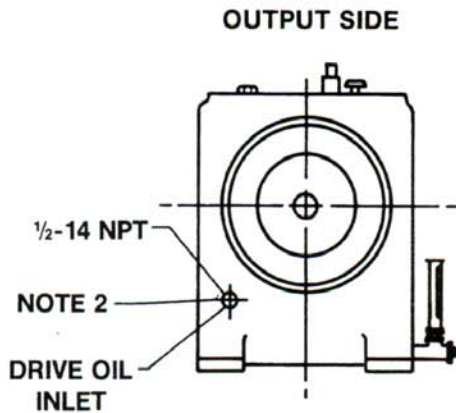
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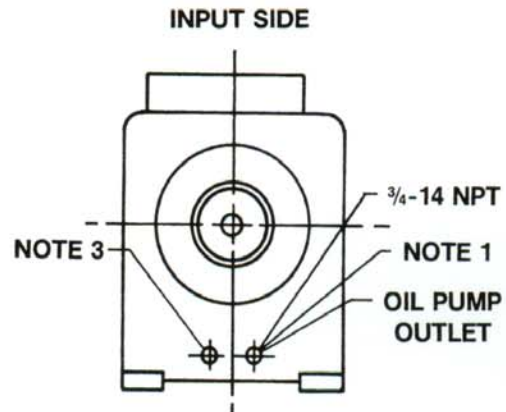
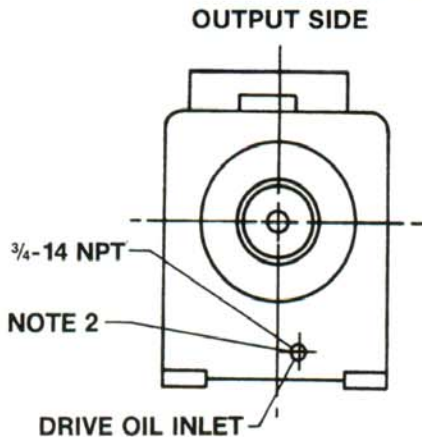


## VARIABLE SPEED PUMPING SYSTEMS

### Air/Oil Cooler Connection Points for Hydroconstant® Variable Speed Fluid Drives Types M, MP, MO, MX Sizes 9B & 11B



### DRIVES WITH SIZE 14B, 17B FLUID COUPLINGS



#### NOTES:

1. Connect oil pump outlet to inlet connection shown on air/oil cooler dimension drawing.
2. Connect drive oil inlet to oil outlet connection shown (always top opening) on air/oil cooler outline dimension drawing.
3. Opening for temperature regulating valve probe. Do not use for connection with air/oil coolers or damage to variable speed drive will result.

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