

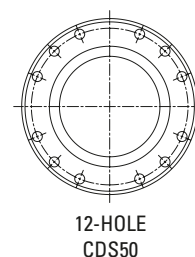
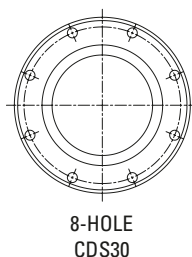
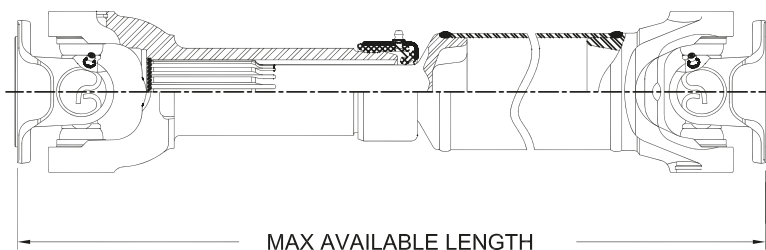
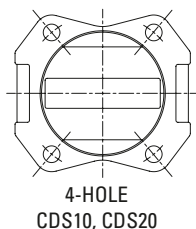
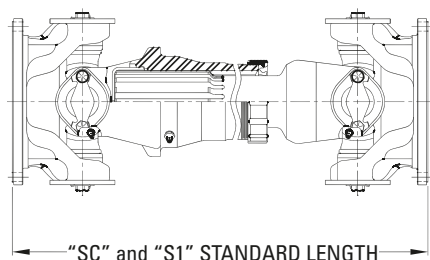
ENGINE DRIVEN CERTIFIED FLEXIBLE CONNECTING SHAFT (5 OR LESS CYLINDERS) UL LISTED RATED HP/KW AT RPM

SERIES	Standard Length (in)		Max. Avail. Length (in)		OPERATING SPEED													
	-xx	Min. Length + Compensation	-xx	Max. Length + Compensation	1470		1760		2100		2350		2600		2800		3000	
CDS10	-SC	9.5+0.74	-36	36±1.74	55.0	41.0	63.5	47.0	72.0	54.0	78.0	58.0	83.5	62.0	87.5	65.0	91.0	67.5
CDS20	-SC	9.75+1.0	-36	36±1.25	94.5	70.5	107.0	80.0	120.0	89.0	127.0	95.0	133.0	99.0	137.0	102.0	140.0	104.0
CDS20	-S1	14.17+1.57	-36	36±1.25	94.5	70.5	107.0	80.0	120.0	89.0	127.0	95.0	133.0	99.0	137.0	102.0	140.0	104.0
CDS30	-S1	14.17+1.53	-36	36±2.44	143.0	107.0	165.0	123.0	189.0	141.0	204.0	152.0	218.0	162.0	228.0	170.0	237.0	176.0

ENGINE DRIVEN CERTIFIED FLEXIBLE CONNECTING SHAFT (6 OR MORE CYLINDERS) UL LISTED RATED HP/KW AT RPM

SERIES	Standard Length (in)		Max. Avail. Length (in)		OPERATING SPEED													
	-xx	Min. Length + Compensation	-xx	Max. Length + Compensation	1470		1760		2100		2350		2600		2800		3000	
CDS10	-SC	9.5+0.74	-36	36±1.74	73.0	54.5	84.5	63.0	96.5	72.0	105.0	77.5	112.0	83.0	117.0	87.0	121.0	90.5
CDS20	-SC	9.75+1.0	-36	36±1.25	126.0	94.0	143.0	107.0	160.0	119.0	170.0	127.0	178.0	133.0	183.0	136.0	187.0	139.0
CDS20	-S1	14.17+1.57	-36	36±1.25	126.0	94.0	143.0	107.0	160.0	119.0	170.0	127.0	178.0	133.0	183.0	136.0	187.0	139.0
CDS30	-S1	14.17+1.57	-36	36±2.44	191.0	143.0	216.0	161.0	241.0	179.0	255.0	190.0	266.0	198.0	272.0	203.0	277.0	206.0
CDS50	-SC	18.89+1.89	-36	36±1.69	363.0	271.0	415.0	310.0	467.0	349.0								

Engine certified flexible shafts can only be use with centrifugal fire pumps, contact the factory for application guidelines for positive displacement fire pumps
CDS flexible connecting shafts may be ordered in standard length (SC and S1 designations) or up to 36" length in 1 inch increments. CDS Drive shafts are not for use with electric motor driven fire pumps



ENGINE/DRIVE SHAFT MATCHES

Clarke Engines, UL/FM approved	Clarke Drive Shafts, UL Listed
Heat Exchanger Cooled Model	Certified Drive Shaft Model
JU4H-UF10	CDS10-SC
JU4H-UF12	CDS10-SC
JU4H-UF14	CDS10-SC
JU4H-UF20	CDS10-SC
JU4H-UF22	CDS10-SC
JU4H-UFAB26	CDS10-SC
JU4H-UF24	CDS10-SC
JU4H-UF30	CDS20-SC
JU4H-UF32	CDS20-SC
JU4H-UF34	CDS20-SC
JU4H-UFH8	CDS20-SC
JU4H-UFH0	CDS20-SC
JU4H-UFH2	CDS20-SC
JU4H-UF40	CDS20-SC
JU4H-UF42	CDS20-SC
JU4H-UF58	CDS30-S1
JU4H-UF50	CDS30-S1
JU4H-UF52	CDS30-S1
JU4H-UF54	CDS30-S1
JU6H-UFD0	CDS20-S1
JU6H-UFD2	CDS20-S1
JU6H-UF30	CDS20-S1
JU6H-UF32	CDS20-S1
JU6H-UF34	CDS20-S1
JU6H-UF68	CDS30-S1
JU6H-UF60	CDS30-S1
JU6H-UF62	CDS30-S1
JU6H-UFAB36	CDS30-S1
JU6H-UF84	CDS30-S1
JU6H-UFAD88	* CDS50-SC
JU6H-UFADT0	* CDS50-SC
JW6H-UF38	* CDS50-SC
JW6H-UF30	* CDS50-SC
JW6H-UF48	* CDS50-SC
JW6H-UF40	* CDS50-SC
JW6H-UF58	* CDS50-SC
JW6H-UF50	* CDS50-SC
JU6H-UFAD98	* CDS50-SC
JW6H-UFH8	* CDS50-SC

Clarke Engines, UL/FM approved	Clarke Drive Shafts, UL Listed
Heat Exchanger Cooled Model	Certified Drive Shaft Model
JU6H-UFABL0	CDS30-S1
JU6H-UFABL2	CDS30-S1
JU6H-UFM8	CDS30-S1
JU6H-UFM0	CDS30-S1
JU6H-UFM2	CDS30-S1
JU6H-UF58	CDS30-S1
JU6H-UF50	CDS30-S1
JU6H-UF52	CDS30-S1
JU6H-UF54	CDS30-S1
JU6H-UFADK0	CDS30-S1
JU6H-UFADN0	CDS30-S1
JU6H-UF68	CDS30-S1
JU6H-UF60	CDS30-S1
JU6H-UF62	CDS30-S1
JU6H-UFAB36	CDS30-S1
JU6H-UF84	CDS30-S1
JU6H-UFAD88	* CDS50-SC
JU6H-UFADT0	* CDS50-SC
JW6H-UF38	* CDS50-SC
JW6H-UF30	* CDS50-SC
JW6H-UF48	* CDS50-SC
JW6H-UF40	* CDS50-SC
JW6H-UF58	* CDS50-SC
JW6H-UF50	* CDS50-SC
JU6H-UFAD98	* CDS50-SC
JW6H-UFH8	* CDS50-SC

Clarke Engines, UL/FM approved	Clarke Drive Shafts, UL Listed
Heat Exchanger Cooled Model	Certified Drive Shaft Model
JW6H-UF60	* CDS50-SC
JW6H-UFADB0	** CDS50-SC
JX6H-UF30	** CDS50-SC
JX6H-UFADF0	Not Available
JX6H-UF40	Not Available
JX6H-UF50	Not Available
JX6H-UF60	Not Available
JX6H-UFAD60	Not Available
JX6H-UFADK0	Not Available
JX6H-UFADN0	Not Available
JX6H-UF70	Not Available
JX6H-UFADP0	Not Available
JX6H-UFAD88	Not Available
Radiator Cooled Model	Certified Drive Shaft Model
JU4R-UF09	CDS10-SC
JU4R-UF11	CDS10-SC
JU4R-UF13	CDS10-SC
JU4R-UF19	CDS10-SC
JU4R-UF21	CDS10-SC
JU4R-UF23	CDS10-SC
JU4R-UF40	CDS20-SC
JU4R-UF49	CDS30-S1
JU4R-UF51	CDS30-S1
JU4R-UF53	CDS30-S1

* 1760 and 2100 RPM only

** 2100 RPM only

CERTIFIED POWER AT ANY SPEED

- Although UL Listed BHP ratings are shown at specific speeds, Clarke drive shafts can be applied at any intermediate speed. To determine the intermediate certified power, make a linear interpolation from the Clarke UL Listed power curve. Contact Clarke or your Pump OEM representative to obtain details.