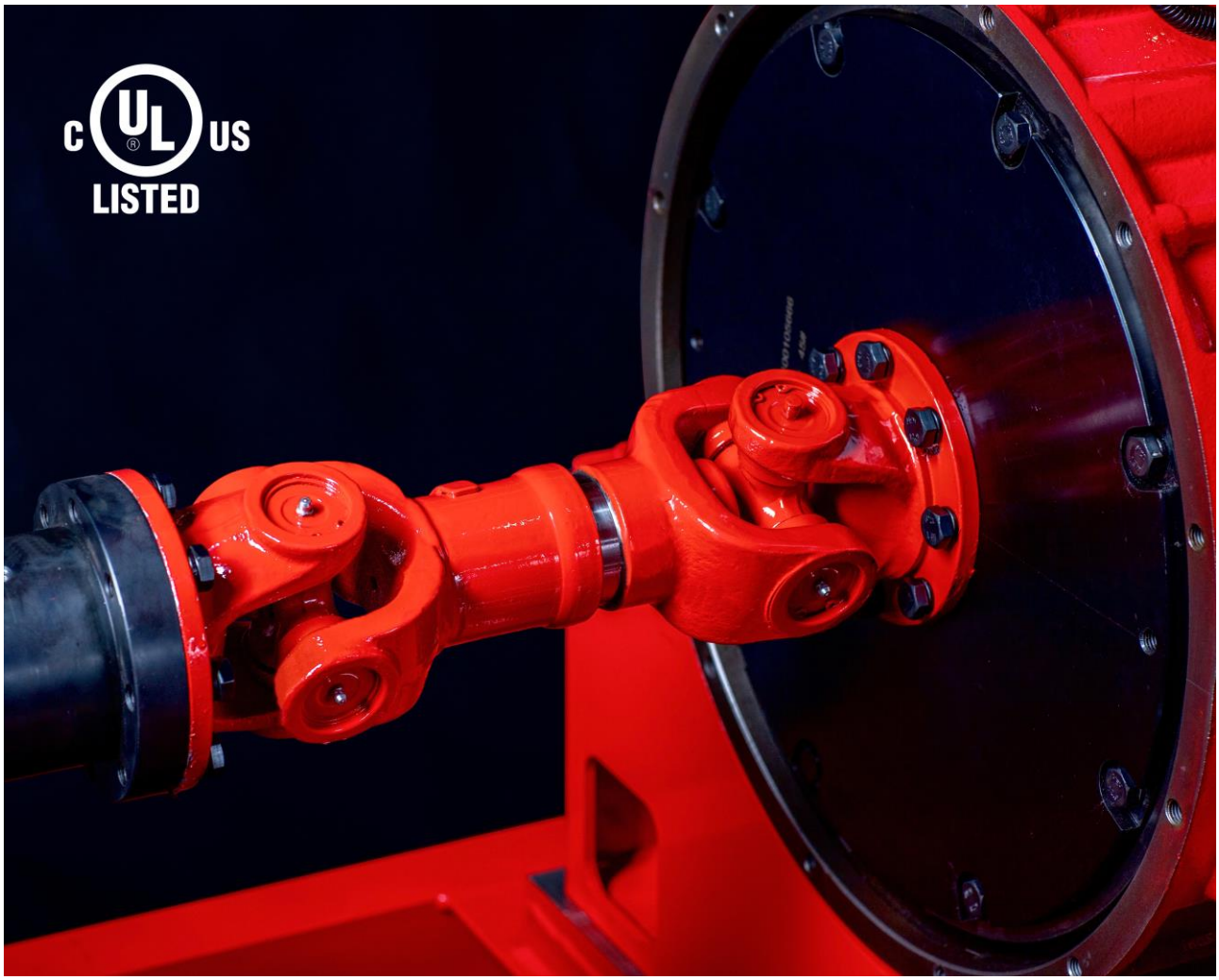
UFPUMP

Universal Flexible Connecting Shafts For Diesel Driven Fire Pumps



ENGINE DRIVEN CERTIFIED FLEXIBLE CONNECTING SHAFTS (FOR 5 OR LESS CYLINDER ENGINES) UL LISTED RATED HP/KW AT RPM

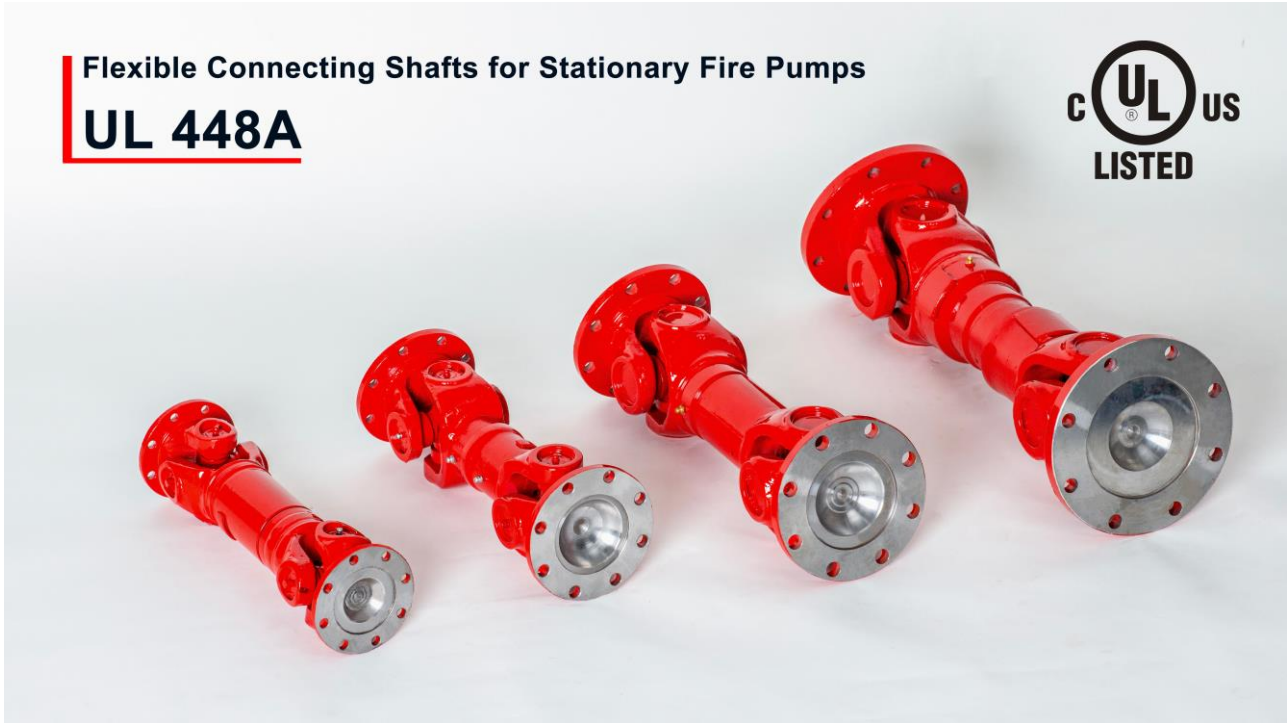
Model	LENGTH(MM)	OPERATING SPEED (RPM) / （HP/*KW*）											
		1470		1760		2100		2350		2650		3000	
UFDS-120	400~430	**99**	*74*	**113**	*84*	**128**	*95*	**138**	*103*	**150**	*112*	**164**	*122*
UFDS-150	400~430	**200**	*149*	**226**	*169*	**256**	*191*	**249**	*186*				
UFDS-180	485~515	**433**	*323*	**508**	*379*	**590**	*440*	**380**	*283*				
UFDS-225	600~630	**568**	*423*	**661**	*493*								

ENGINE DRIVEN CERTIFIED FLEXIBLE CONNECTING SHAFTS (FOR 6 OR MORE CYLINDER ENGINES) UL LISTED RATED HP/KW AT RPM

Model	LENGTH(MM)	OPERATING SPEED (RPM) / （HP/*KW*）											
		1470		1760		2100		2350		2650		3000	
UFDS-120	400~430	**132**	*99*	**150**	*112*	**170**	*127*	**184**	*137*	**200**	*149*	**219**	*163*
UFDS-150	400~430	**266**	*198*	**302**	*225*	**341**	*255*	**332**	*248*				
UFDS-180	485~515	**578**	*431*	**678**	*505*	**786**	*586*	**506**	*377*				
UFDS-225	600~630	**757**	*565*	**882**	*657*								

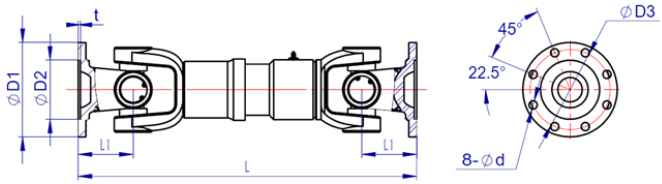
ENGINE DRIVEN NON-CERTIFIED FLEXIBLE CONNECTING SHAFTS (FOR 6 OR MORE CYLINDER ENGINES) RATED HP/KW AT RPM

Model	LENGTH(MM)	OPERATING SPEED (RPM) / (HP/*KW*)											
		1470		1760		2100		2350		2650		3000	
SWC150	400~430									**402**	*300*	**438**	*327*
SWC225	600~630	**1270**	*947*	**1441**	*1075*								



Notes:

1. Engines driven certified flexible connection shafts can only be used with centrifugal fire pumps, contact UFPUMP for application guidelines for positive displacement fire pumps.
2. It is recommended that a Torsional Analysis is required for all Engine Driven Vertical Turbine Fire Pump applications.
3. UFDS series flexible connecting shafts are only Listed for use with diesel engine, not for use with electric motor driven fire pumps.
4. All Driveshaft models (UL Listed and Non-Listed) are based upon 5000 Hours B-10 Bearing Life and 1.5 Service Factor.



Model	UFDS-120	UFDS-150	UFDS-180	UFDS-225
D1	120	150	180	225
D2	75	90	110	140
t	3	4	4	5
L	400-430	400-430	485-515	600-630
d	10.5	13	17	17
D3	101.5	130	155.5	196
L1	70	78	90	100
Wgt. (kg)	11.55	16.31	28.25	51.4

5. All driveshaft models are balanced to a G16 balance grade per ISO 1940-1.
6. All UL Listed driveshaft models are serialized and a balance certificate can be provided upon request.
7. Although UL Listed and Non-Listed BHP ratings are shown at specific speeds, UFPUMP driveshafts can be applied at any intermediate speed. To determine the intermediate certified power, make a linear interpolation from the UFPUMP UL Listed and Non-Listed power ratings.