
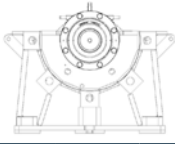
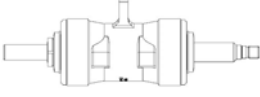
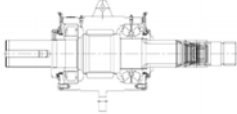
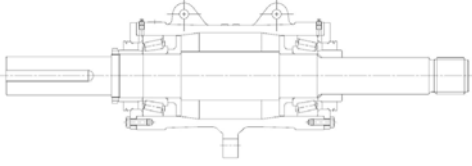


Comparison of Tobee® horizontal bearing assemblies

Base	BASIC						HEAVY DUTY										
	BASIC			MODIFIED BASIC			HEAVY DUTY										
Base																	
Bearing Assembly																	
Frame Plate Mounting flange letter designation. For double letter heavy duty frames the first letter designates the bearing assembly, the second the frame size.	Frame	Rating (kW)	Rating (hp)	Frame	Rating (kW)	Rating (hp)	Frame	Bearing Assembly	Base	Rating (kW)	Rating (hp)	Frame	Bearing Assembly	Base	Rating (kW)	Rating (hp)	
	A	7.5	10.1														
	B	1.5	2				N	N	N	37.5	50.3						
	C	30	40.2	CC	55	73.8	P	P	P	75	100.6	NP	N	NP	37.5	50.3	
	D	60	80.5	DD	110	175	Q	Q	Q	150	201.2	PQ	P	PQ	75	100.6	
	E	120	161	EE	225	301.7	R	R	R	300	402.3	QR	Q	QR	150	201.2	
	F	260	348.7	FF	425	569.9	S	S	S	560	751	RS	R	RS	300	402.3	
	G	600	804.6	GG	900	1206.9	T	T	T	1200	1609.2	ST	S	ST	560	751	
				H	1400	1877.4	U	U	U	2000	2682	TU	T	TU	1200	1609.2	
							V	V	V	4000	5364.1	UV	U	UV	2000	2682	
Features	Pump End Bearing	Single Row Taper Roller	Two Row Taper Rolling		Two Row Taper Roller (Two row bearings allow thrust in either direction)												
	Drive End Bearing	Single Row Taper Roller	Cylindrical Roller		Cylindrical Roller												
	Shims required	Yes	No		No (note that bearing end play clearances are built into the Pump End Bearing)												
	"-10" Sealing	Yes	Yes		Yes												
	Main Feature	Standard	High Capacity Bearings		High Capacity Bearings												
	Typical Applications	General Purpose	Same as Heavy Duty		High Power, Multi-staging, Large Belt Drives												
NOTES/SYMBOLS							GENERAL NOTES:										
<p>B = Bearing D = Drive End Diameter E = Base Centres F = Base Height S = Shaft T = Thread H = Bearing Housing Diameter L = Frame Plate mounting Flange Diameter</p> <ul style="list-style-type: none"> The number after the letter indicates a variation Parts with the same number are dimensionally the same or identical parts 							<ol style="list-style-type: none"> The Thread (T) on the pump shaft is machined to suit the impeller thread. Metric drive end shaft diameter (D) is standard on all types of bearing assembly For double letter Heavy Duty frames the first letter designates the bearing assemblies and the second letter the frame plate mounting flange diameter (L) Modified Basic bearing assemblies are dimensionally the same in silhouette as the equivalent Basic bearing assembly without changing sleeve, impellers, etc. However drive shaft Diameter (D) and Keyway (K) are different Not all frame / pump combinations are necessarily available from each Manufacturing Centre Oil Lubricated bearing assemblies are identified with a "Y" in the part numbers and pump designation. Type "FC" has a fan mounted on the shaft at the drive end for Fan Cooling. Oil Filled bearing assemblies are identified with a "K" in the part numbers and pump designation 										

Tobee®

Email: Sales@tobeeump.com

Mob: +86-18032034573

Web: www.tobeeump.com