

9.4 Heavy Load Drive



• Application:

High-load ball screw can be used for application on injection molding machines, die casting machines, general presses, power cylinders, robot ...

• Features:

1. Heavy Load:

A. 2~3 times load capacity than general standard series.

B. High axial load and acceleration.

C. Special lubrication design for short stroke.

2. Accuracy:

JIS C5 and JIS C7

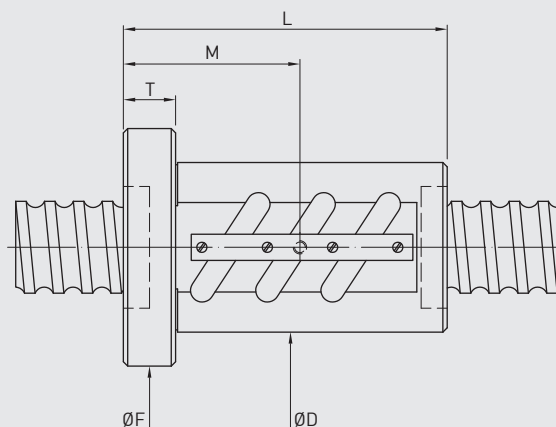
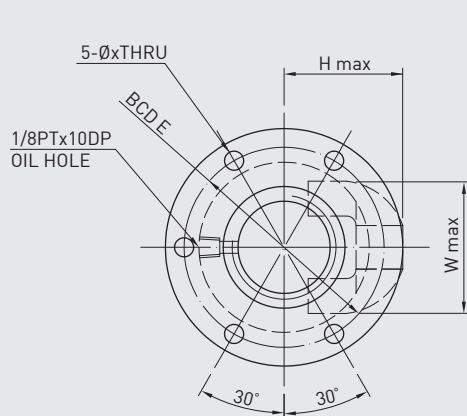
3. High Speed Operation and High Life:

Enforced ball circulation systems for high speed condition and achieve long service life.

4. Option:

Design in HIWIN Self-lubricant E2 Series.

BALLSCREW FOR HEAVY-LOAD DRIVE



Model No.	Shaft diameter	Lead	Turns Circuits	Dynamic		Static		D	L	F	T	E	X	H	W	M
				kN	kgf	kN	kgf									
50-16B2	50	16	2.5x2	232	23700	647	66000	95	165	127	28	110	9	68	69	101
50-16B3		16	2.5x3	330	33600	971	99100	95	213	127	28	110	9	68	69	117
55-16B2	55	16	2.5x2	242	24700	703	71700	100	165	132	28	115	9	71	74	101
55-16B3		16	2.5x3	343	35000	1054	107600	100	213	132	28	115	9	71	74	117
63-16B2	63	16	2.5x2	260	26500	811	82800	105	165	137	28	120	9	73	82	101
63-16B3		16	2.5x3	368	37600	1217	124200	105	213	137	28	120	9	73	82	117
80-16B2	80	16	2.5x2	289	29500	1029	105000	120	170	158	32	139	11	81	98	106
80-16B3		16	2.5x3	409	41800	1543	157500	120	218	158	32	139	11	81	98	122
80-25B3	100	25	2.5x3	684	69800	2186	223100	145	338	185	40	165	11	102	100	140
100-16B3		16	2.5x3	453	46200	1949	198900	140	218	178	32	159	11	91	117	122
100-25B3		25	2.5x3	763	77800	2740	279600	159	338	199	40	179	11	109	118	140
100-25B4		25	2.5x4	977	99700	3654	372800	159	413	199	40	179	11	109	118	165