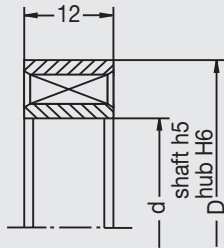
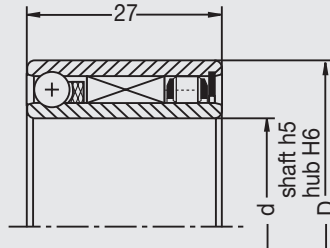


FR 400



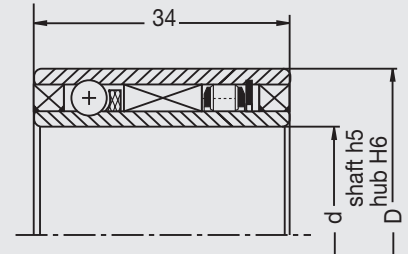
without bearing support

FP 400



with bearing

FPD 400 ◆ ○



with bearing and double seal

Dimensions [mm] [inch]		FR 400	FP 400	FPD400	Torque M		Idling speed n_{max} [RPM]	Load Capacities [N] [lb]			
d	D	Part number			[ftlb]	[Nm]		C dynamic		C ₀ static	
							Ball	Roller	Ball	Roller	
10 .3937	26 1.0236	FR 422	FP 422		36	48	5 300	4 935	4 960	2 085	3 500
		FR 422 Z	FP 422 Z		32	42		1 109	1 115	469	787
15 .5906	31 1.2205	FR 427	FP 427		59	80	4 400	6 080	6 350	2 785	5 110
		FR 427 Z	FP 427 Z		49	66		1 366	1 427	626	1 148
20 .7874	36 1.4173	FR 432	FP 432		86	116	3 700	6 555	6 710	3 175	5 790
		FR 432 Z	FP 432 Z		71	97		1 473	1 508	714	1 301
25 .9843	41 1.6142	FR 437	FP 437		117	158	3 200	7 325	7 400	3 870	6 920
		FR 437 Z	FP 437 Z		101	137		1 646	1 663	870	1 555
30 1.1811	46 1.8110	FR 442	FP 442	FPD 442	152	207	2 800	7 980	8 410	4 570	8 560
		FR 442 Z	FP 442 Z	FPD 442 Z	131	178	○ (1 500)	1 793	1 890	1 027	1 924
35 1.3780	53 2.0866	FR 448			201	272	2 500				
		FR 448 Z			173	235					
40 1.5748	58 2.2835	FR 453	FP 453		246	333	2 200	8 690	9 460	5 640	10 860
		FR 453 Z	FP 453 Z	FPD 453 Z	207	281	○ (1 200)	1 953	2 126	1 267	2 441
50 1.9685	68 2.6772	FR 463	FP 463		348	472	1 900	9 295	10 730	6 700	13 650
		FR 463 Z	FP 463 Z		300	407		2 089	2 411	1 506	3 068
60 2.3622	78 3.0709	FR 473	FP 473		467	633	1 600	9 535	11 590	7 420	15 910
		FR 473 Z	FP 473 Z		402	545		2 143	2 605	1 667	3 575

The load capacities "C" and "C₀" are not valid for the FR 400 series!

Maximum radial clearance for the FR 400 series pending application 0.02 mm.

◆ Arrow on inner ring shows: idling direction of outer ring = locking direction of inner ring.

○ Idling speed for series FPD

Other sizes on request.

Dimensions subject to change!

10 Nm ≈ 1 kpm; 10 N ≈ 1 kp