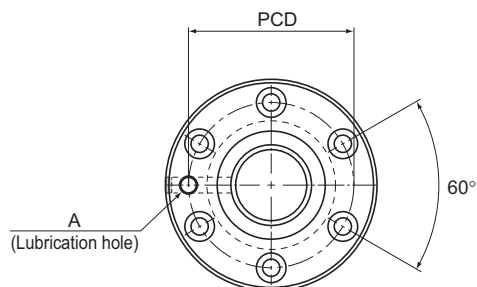


JPF With Preload

DN value	50000
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Model No.	Screw shaft outer diameter d	Lead Ph	Ball center-to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows X turns	Basic load rating		Outer diameter D	Flange diameter D ₁	Outer diameter D ₂
						Ca kN	C _{0a} kN			
JPF 1404-4	14	4	14.4	11.5	2×1	2.8	5.1	26	46	25.5
JPF 1405-4	14	5	14.5	11.2	2×1	3.9	8.6	26	46	25.5
JPF 1605-4	16	5	16.75	13.5	2×1	3.7	8.2	30	49	29.5
JPF 2005-6	20	5	20.5	17.2	3×1	6	16	34	57	33.5
JPF 2505-6	25	5	25.5	22.2	3×1	6.9	20.8	40	66	39.5
JPF 2510-4	25	10	26.8	20.2	2×1	11.4	24.5	47	72	46.5
JPF 2805-6	28	5	28.75	25.2	3×1	7.3	23.9	43	69	42.5
JPF 2806-6	28	6	28.5	25.2	3×1	7.3	23.9	43	69	42.5
JPF 3210-6	32	10	33.75	27.2	3×1	19.3	49.9	54	88	53.5
JPF 3610-6	36	10	37	30.5	3×1	20.6	56.2	58	98	57.5
JPF 4010-6	40	10	41.75	35.2	3×1	22.2	65.3	62	104	61.5

Model number coding

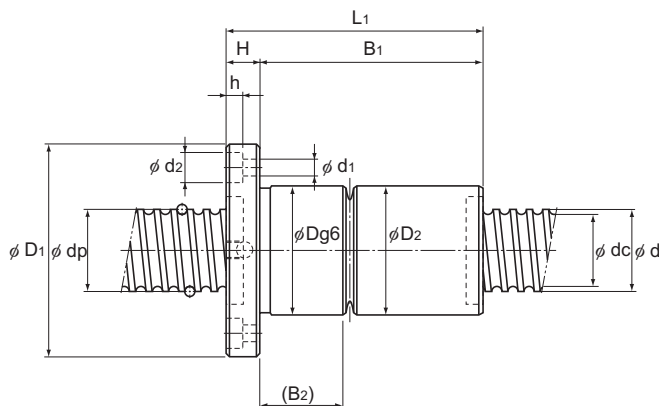
JPF1404-4 RR G0 +500L C7 T

Model No. Seal symbol (*1) Overall screw shaft length (in mm) Symbol for rolled shaft

Symbol for clearance in the axial direction Accuracy symbol (*2)

(*1) See **A15-326**. (*2) See **A15-12**.

Transport Ball Screw



Unit: mm

Nut dimensions								Screw shaft inertial moment	Nut mass	Shaft mass
Overall length							Lubrication hole			
L_1	H	B_1	B_2	PCD	$d_1 \times d_2 \times h$	A		kg·m ² /mm	kg	kg/m
52	10	42	16.5	36	4.5×8×4.5	M6		2.96×10^{-8}	0.22	1
60	10	50	20	36	4.5×8×4.5	M6		2.96×10^{-8}	0.24	0.99
60	10	50	19.5	39	4.5×8×4.5	M6		5.05×10^{-8}	0.3	1.34
80	11	69	26.5	45	5.5×9.5×5.5	M6		1.23×10^{-7}	0.46	2.15
80	11	69	26	51	5.5×9.5×5.5	M6		3.01×10^{-7}	0.6	3.45
112	12	100	42	58	6.6×11×6.5	M6		3.01×10^{-7}	1.2	3.26
80	12	68	25	55	6.6×11×6.5	M6		4.74×10^{-7}	0.66	4.27
90	12	78	35	55	6.6×11×6.5	M6		4.74×10^{-7}	0.72	4.44
135	15	120	53.5	70	9×14×8.5	M6		8.08×10^{-7}	1.84	5.49
138	18	120	53.5	77	11×17.5×11	M6		1.29×10^{-6}	2.22	6.91
138	18	120	53.5	82	11×17.5×11	Rc1/8 (PT1/8)		1.97×10^{-6}	2.42	8.81

Note) The ball screw nut and the screw shaft of model JPF are not sold separately.

The basic load rating corresponds to the recommended loading direction.

If a load is applied in the opposite direction, the value must be $0.1 \times C_a$ or less during use.

Maximum Manufacturing Length of Model JPF by Model Number

Unit: mm

Model No.	Overall screw shaft length
JPF1404-4	1000
JPF1405-4	
JPF1605-4	
JPF2005-6	2000
JPF2505-6	
JPF2510-4	
JPF2510-4	

Model No.	Overall screw shaft length
JPF2805-6	2000
JPF2806-6	3000
JPF3210-6	
JPF3610-6	
JPF4010-6	