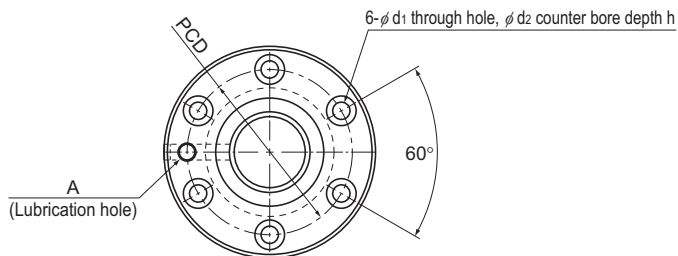


JPF With Preload

DN value	50,000
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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 symbol¹

Overall screw shaft length (in mm)

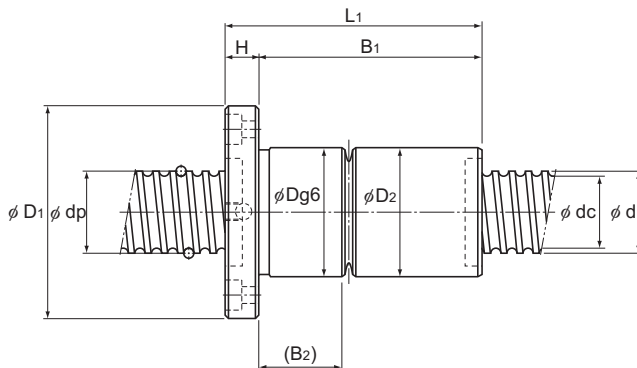
Symbol for rolled shaft

Symbol for clearance in the axial direction

Accuracy symbol²

¹ See **A15-356**. ² See **A15-12**.

Transport Ball Screw



Unit: mm

Nut dimensions								Screw shaft inertial moment/ mm	Nut mass	Shaft mass	Permissible rotational speed
Overall length	L ₁	H	B ₁	B ₂	PCD	d ₁ × d ₂ × h	Lubrication hole				
	L ₁	H	B ₁	B ₂	PCD	d ₁ × d ₂ × h	A	kg·m ² /mm	kg	kg/m	min ⁻¹
	52	10	42	16.5	36	4.5 × 8 × 4.5	M6	2.96 × 10 ⁻⁸	0.22	1	3,470
	60	10	50	20	36	4.5 × 8 × 4.5	M6	2.96 × 10 ⁻⁸	0.24	0.99	3,440
	60	10	50	19.5	39	4.5 × 8 × 4.5	M6	5.05 × 10 ⁻⁸	0.3	1.34	2,980
	80	11	69	26.5	45	5.5 × 9.5 × 5.5	M6	1.23 × 10 ⁻⁷	0.46	2.15	2,430
	80	11	69	26	51	5.5 × 9.5 × 5.5	M6	3.01 × 10 ⁻⁷	0.6	3.45	1,960
	112	12	100	42	58	6.6 × 11 × 6.5	M6	3.01 × 10 ⁻⁷	1.2	3.26	1,860
	80	12	68	25	55	6.6 × 11 × 6.5	M6	4.74 × 10 ⁻⁷	0.66	4.27	1,730
	90	12	78	35	55	6.6 × 11 × 6.5	M6	4.74 × 10 ⁻⁷	0.72	4.44	1,750
	135	15	120	53.5	70	9 × 14 × 8.5	M6	8.08 × 10 ⁻⁷	1.84	5.49	1,480
	138	18	120	53.5	77	11 × 17.5 × 11	M6	1.29 × 10 ⁻⁶	2.22	6.91	1,350
	138	18	120	53.5	82	11 × 17.5 × 11	Rc1/8 (PT1/8)	1.97 × 10 ⁻⁶	2.42	8.81	1,190

Notes: 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 × C_a or less during use.