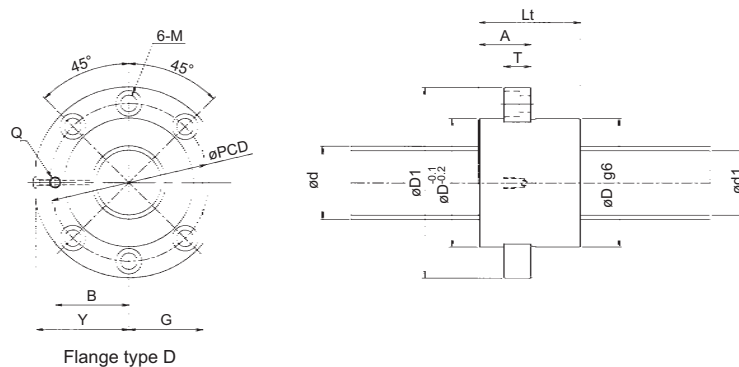


Custom Ball Screw: END DEFLECTOR METHOD SINGLE NUT (Accuracy grade C3-C7)



Flange type D

(Unit: mm)

Model No.	Screw shaft diameter d	Lead L	Ball diameter D _b	Root diameter d _r	Number of circuits Turn x Circuit	Basic dynamic load rating C (N)	Basic static load rating C ₀ (N)	*Rigidity K _{IS} (N/μm)	Nut dimensions																Mass	
									Outer diameter D	Overall length L	Length A	Wiper material	Flange thickness T	Flange outer diameter D ₁	Flange type	Flange dimensions					Mounting hole					
																X	Y	B	G	Q	PCD	M				
																						Drill	Spot facing	Depth	Nut (kg)	Screw shaft (kg/100mm)
FR3205PS-DPNR	32	5	3.1750	29.5	3.7×1	14700	41600	300	52	30	20	N	12	82	D	—	39.5	32	31	M6	67	6.6	11	6.5	0.52	0.58
FR3208PS-DPNR	32	8	4.7625	28	3.7×1	30100	74600	330	56	42	25.5	N	15	84	D	—	40.5	34	32	M6	69	6.6	11	6.5	0.79	0.55
FR3210PS-DPNR	32	10	6.3500	27.2	3.7×1	43100	97000	370	62	55	28.5	N	15	89	D	—	43	37	34	M6	75	6.6	11	6.5	1.17	0.52
FR3212PS-DPNR	32	12	6.3500	27.2	3.7×1	43100	97000	370	62	65	31	N	15	89	D	—	43	37	34	M6	75	6.6	11	6.5	1.33	0.54
FR3216PS-DPNR	32	16	6.3500	27.2	3.7×1	43100	97000	370	62	78	30	N	15	89	D	—	43	37	34	M6	75	6.6	11	6.5	1.54	0.56
FR3612PS-DPNR	36	12	7.1440	30.6	3.7×1	59500	140500	400	70	62	32.5	N	18	104	D	—	50.5	41	40	M6	86	9	14	8.6	1.77	0.66
FR3616PS-DPNR	36	16	7.1440	30.6	3.7×1	59500	140500	400	70	80	35	N	18	104	D	—	50.5	41	40	M6	86	9	14	8.6	2.14	0.70
FR4008PS-DPNR	40	8	4.7625	36	3.7×1	34400	98300	410	64	44	26	N	15	98	D	—	47.5	38	38	M6	80	9	14	8.6	1.01	0.89
FR4010PS-DPNR	40	10	6.3500	35.2	3.7×1	49400	125800	410	70	55	28.5	N	15	104	D	—	50.5	41	40	M6	86	9	14	8.6	1.43	0.85
FR4012PS-DPNR	40	12	7.1440	34.6	3.7×1	64000	160700	460	74	63	33	N	18	108	D	—	52.5	43	41	M6	90	9	14	8.6	1.90	0.84
FR4016PS-DPNR	40	16	7.1440	34.6	3.7×1	64000	160700	460	74	78	34	N	18	108	D	—	52.5	43	41	M6	90	9	14	8.6	2.23	0.88

Note: • The rigidity indicated with the *mark in the above list represents the operational value based on the result of rigidity testing. This value is calculated from the elastic displacement measured when the axial load equivalent to 30% of basic dynamic load rating (C) is applied between the screw thread and the balls.

• Wiper material N: Without wiper