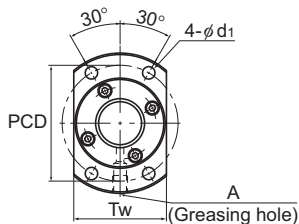
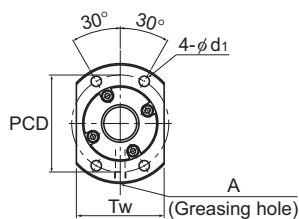


WHF No Preload

DN value	120000
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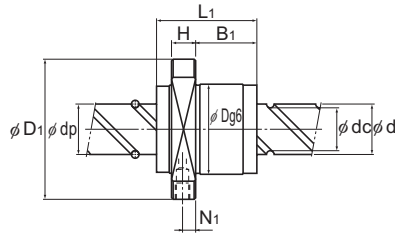
WHF1530/1540/2020/2025/
2030/2040/2550



WHF2525

Model No.	Screw shaft outer diameter d	Lead Ph	Ball center-to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows × turns	Basic load rating		Rigidity K N/μm	Nut dimensions		
						Ca kN	C _{0a} kN		Outer diameter D	Flange diameter D ₁	Overall length L ₁
WHF 1530-3.4	15	30	15.75	12.5	2×1.7	8	14.4	195	32	53	64.5
WHF 1540-3.4	15	40	15.75	12.5	2×1.7	7.7	16.3	209	34	57	81.6
WHF 2020-3.4	20	20	20.75	17.5	2×1.7	9.6	21	225	42	64	47.1
WHF 2025-3.4	20	25	20.75	17.6	2×1.7	9.8	22.3	236	39	62	56.2
WHF 2030-3.4	20	30	20.75	17.6	2×1.7	9.9	23.5	243	39	62	65.3
WHF 2040-3.4	20	40	20.75	17.5	2×1.7	9.6	20.3	256	37	57	82.7
WHF 2525-3.4	25	25	26	21.9	2×1.7	14.5	33.1	285	50	77	58.8
WHF 2550-3.4	25	50	26	21.9	2×1.7	14.4	31.9	323	45	69	103.3

Positioning Ball Screw



Unit: mm

Nut dimensions								Screw shaft inertial moment/mm kg·m ² /mm	Nut mass kg	Shaft mass kg/m
H	B ₁	PCD	d ₁	Tw	N ₁	Greasing hole A				
10	47.5	43	5.5	33	5	M6	3.9×10^{-8}	0.38	1.26	
10	64.6	45	5.5	40	5	M6	3.9×10^{-8}	0.48	1.28	
10	24.1	53	5.5	46	5	M6	1.23×10^{-7}	0.49	2.25	
10	33.2	50	5.5	46	5	M6	1.23×10^{-7}	0.51	2.26	
10	43.3	50	5.5	46	5	M6	1.23×10^{-7}	0.55	2.28	
10	65.7	47	5.5	38	5	M6	1.23×10^{-7}	0.58	2.34	
12	31.3	63	6.6	56	6	M6	3.01×10^{-7}	0.65	3.52	
12	79.3	57	6.6	46	6	M6	3.01×10^{-7}	0.72	3.66	

Note) The Model WHF can be equipped with a brush seal depending on the model number. Contact THK if you would like to use one.

The overall length of the nut will increase when equipping the QZ lubricating device. See **A15-318** for further details.