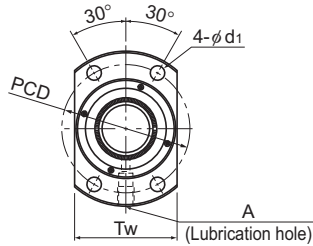


# WTF No Preload

DN value	70,000
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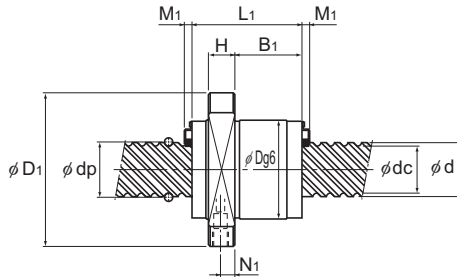
Model No.	Screw shaft outer diameter d	Lead Ph	Ball center-to-center diameter dp	Thread minor diameter dc	No. of loaded circuits Rows X turns	Basic load rating		Rigidity K	Outer diameter D	Flange diameter D <sub>1</sub>	Overall length L <sub>1</sub>	H
						Ca	C <sub>0a</sub>					
						kN	kN	N/μm				
WTF 1520-3	15	20	15.75	12.5	2X1.5	5.5	14.2	140	32	53	45	10
WTF 1520-6	15	20	15.75	12.5	4X1.5	10.1	28.5	280	32	53	45	10
WTF 1530-2	15	30	15.75	12.5	4X0.6	4.3	9.3	120	32	53	33	10
WTF 1530-3	15	30	15.75	12.5	2X1.6	5.6	12.4	160	32	53	63	10
WTF 2040-2	20	40	20.75	17.5	4X0.65	5.4	13.6	160	37	57	41.5	10
WTF 2040-3	20	40	20.75	17.5	2X1.65	6.6	17.2	200	37	57	81.5	10
WTF 2550-2	25	50	26	21.9	4X0.65	8.5	21.2	200	45	69	52	12
WTF 2550-3	25	50	26	21.9	2X1.65	10.4	26.9	260	45	69	102	12
WTF 3060-2	30	60	31.25	26.4	4X0.65	11.8	30.6	240	55	89	62.5	15
WTF 3060-3	30	60	31.25	26.4	2X1.65	14.5	38.9	310	55	89	122.5	15
WTF 4080-2	40	80	41.75	35.2	4X0.65	19.8	54.5	320	73	114	79	17
WTF 4080-3	40	80	41.75	35.2	2X1.65	24.3	69.2	400	73	114	159	17
WTF 50100-2	50	100	52.2	44.1	4X0.65	29.6	85.2	390	90	135	98	20
WTF 50100-3	50	100	52.2	44.1	2X1.65	36.3	108.1	500	90	135	198	20

### Model number coding

**WTF3060-3 ZZ +1500L C7 T H1K**

Model No.	Contamination protection accessory symbol <sup>1</sup>	Overall screw shaft length (in mm)	Accuracy symbol <sup>2</sup>	Symbol for rolled shaft	Recommended shaft ends shape code
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<sup>1</sup> See **A15-356**. <sup>2</sup> See **A15-12**.



Unit: mm

Nut dimensions							Seal	Axial clearance	Standard shaft length	Screw shaft inertial moment/mm kg·m <sup>2</sup> /mm	Nut mass kg	Shaft mass kg/m	Permissible rotational speed min <sup>-1</sup>
B <sub>1</sub>	PCD	d <sub>1</sub>	Tw	Lubrication hole		M <sub>1</sub>							
				N <sub>1</sub>	A								
28	43	5.5	33	5	M6	3.5	0.1	500, 1,000	$3.90 \times 10^{-8}$	0.2	1.17	4,440	
28	43	5.5	33	5	M6	3.5	0.1	500, 1,000	$3.90 \times 10^{-8}$	0.2	1.17	4,440	
17	43	5.5	33	5	M6	3.5	0.1	500, 1,000, 1,500	$3.90 \times 10^{-8}$	0.22	1.19	4,440	
47	43	5.5	33	5	M6	3.5	0.1	500, 1,000, 1,500	$3.90 \times 10^{-8}$	0.4	1.19	4,440	
25.5	47	5.5	38	5.5	M6	3.5	0.1	500, 1,000, 1,500, 2,000	$1.23 \times 10^{-7}$	0.25	2.12	3,370	
65.5	47	5.5	38	5.5	M6	3.5	0.1	500, 1,000, 1,500, 2,000	$1.23 \times 10^{-7}$	0.5	2.12	3,370	
31.5	57	6.6	46	7	M6	3.5	0.1	1,000, 1,500, 2,000, 3,000	$3.01 \times 10^{-7}$	0.45	3.34	2,690	
81.5	57	6.6	46	7	M6	3.5	0.1	1,000, 1,500, 2,000, 3,000	$3.01 \times 10^{-7}$	0.85	3.34	2,690	
37.5	71	9	56	9	M6	3.8	0.14	1,000, 2,000, 3,000, 4,000	$6.24 \times 10^{-7}$	0.8	4.84	2,240	
97.5	71	9	56	9	M6	3.8	0.14	1,000, 2,000, 3,000, 4,000	$6.24 \times 10^{-7}$	1.7	4.84	2,240	
50.5	93	11	74	9	M6	5.4	0.17	1,000, 1,500, 2,000, 3,000	$1.97 \times 10^{-6}$	2.1	8.66	1,670	
130.5	93	11	74	9	M6	5.4	0.17	1,000, 1,500, 2,000, 3,000	$1.97 \times 10^{-6}$	3.67	8.66	1,670	
64	112	14	92	10	M6	5.4	0.2	1,500, 3,000	$4.82 \times 10^{-6}$	3.5	13.86	1,340	
164	112	14	92	10	M6	5.4	0.2	1,500, 3,000	$4.82 \times 10^{-6}$	6.4	13.86	1,340	

Note: The overall length of the nut will increase when equipping the QZ Lubricator. See **A15-366** for further details.