

Type FF

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D_w 2~3.5mm

Boundary dimensions						Basic load ratings				Bearing numbers	Number of rolls	Abutment dimensions		Mass
mm						dynamic	static	dynamic	static			mm		kg
$D_w^{1)}$	b	B	L	L_w	a	C_r	C_{or}	C_r	C_{or}			E	H	(approx.)
2	10	—	32	6.8	2	8 500	19 700	865	2 010	FF2010	7	10.3 ^{+0.1} ₀	1.7 ⁰ _{−0.2}	0.0020
2	10	25	32	6.8	2	15 500	39 500	1 580	4 000	FF2025ZW	14	25.3 ^{+0.1} ₀	1.7 ⁰ _{−0.2}	0.0043
2.5	15	—	45	9.8	2.4	17 100	41 400	1 740	4 200	FF2515	8	15.3 ^{+0.1} ₀	2.2 ⁰ _{−0.2}	0.0038
2.5	15	35	45	9.8	2.4	29 300	82 500	2 980	8 450	FF2535ZW	16	35.3 ^{+0.1} ₀	2.2 ⁰ _{−0.2}	0.0082
3	20	—	60	13.8	3	31 000	79 500	3 150	8 100	FF3020	9	20.4 ^{+0.1} ₀	2.7 ⁰ _{−0.2}	0.0089
3	20	45	60	13.8	3	53 500	159 000	5 450	16 200	FF3045ZW	18	45.4 ^{+0.1} ₀	2.7 ⁰ _{−0.2}	0.019
3.5	25	—	75	17.8	3.2	50 000	132 000	5 100	13 500	FF3525	10	25.4 ^{+0.1} ₀	3.2 ⁰ _{−0.2}	0.017
3.5	25	55	75	17.8	3.2	86 000	265 000	8 800	27 000	FF3555ZW	20	55.4 ^{+0.1} ₀	3.2 ⁰ _{−0.2}	0.035

Note 1) The dimensional tolerance for needle roller diameter D_w is 0 to $-2 \mu\text{m}$.