

CFP

Data sheet - rev. 1.0

Rod Ends - Tesno Standard

Self-lubricating rod ends with PTFE, female thread, series K, DIN ISO 12240-4, maintenance free

FEATURES AND ADVANTAGES

- **HOUSING:** C45 steel, galvanized surface free of Cr VI
- **OUTER RING:** brass and PTFE bonded on the inner surface
- **INNER RING:** tempered, ground and polished steel for bearings 100Cr6 (1.3505)
- **MAINTENANCE:** maintenance free
- **TEMPERATURE RANGE:** -40° C to +200° C
- **USE & MAINTENANCE :** [see this page](#)
- **STATIC LOAD SERVICE LIFE :** [see this page](#)
- **TOLERANCES :** [see this page](#)

COMPONENTS AND DIMENSIONS



Type		Measurements [mm]															Tilt angle	Rotational speed limit	Axial factor	Basic load rating		Radial clearance	Weight	
Right hand thread	Left hand thread	d	G	B	C1	h/h1	d1	d2	d3	d4	dk	l1/13	l2/14	l5	l7	W	α (°)	n_{max} (min ⁻¹)	Y	Y0	dyn C (kN)	stat C0 (kN)	CN (µm)	kg
CFP5 M5	CFPL5 M5	5	M5	8	6	27	7.7	18	9	11	11.11	10	36	4	10	9	13	-	-	-	8.3	9.6	0-32	0.02
CFP6 M6	CFPL6 M6	6	M6	9	6.75	30	8.9	20	10	13	12.7	12	40	5	11	11	13	-	-	-	11	8.6	0-32	0.03
CFP8 M8	CFPL8 M8	8	M8	12	9	36	10.4	24	12.5	16	15.87	16	48	5	13	14	14	-	-	-	19	14.4	0-32	0.05
CFP10 M10	CFPL10 M10	10	M10	14	10.5	43	12.9	28	15	19	19.05	20	57	6.5	15	17	13	-	-	-	27.1	20.2	0-32	0.07
CFP10 M10x1.25	CFPL10 M10x1.25	10	M10x1.25	14	10.5	43	12.9	28	15	19	19.05	20	57	6.5	15	17	13	-	-	-	27.1	20.2	0-32	0.07
CFP12 M12	CFPL12 M12	12	M12	16	12	50	15.4	32	17.5	22	22.22	22	66	6.5	17	19	13	-	-	-	36.7	23	0-40	0.11
CFP12 M12x1.25	CFPL12 M12x1.25	12	M12x1.25	16	12	50	15.4	32	17.5	22	22.22	22	66	6.5	17	19	13	-	-	-	36.7	23	0-40	0.11
CFP14 M14	CFPL14 M14	14	M14	19	13.5	57	16.8	36	20	25	25.4	25	75	8	19	22	15	-	-	-	47.6	25.9	0-40	0.16
CFP16 M16	CFPL16 M16	16	M16	21	15	64	19.3	42	22	27	28.57	28	85	8	23	22	15	-	-	-	60	36	0-40	0.23
CFP16 M16x1.5	CFPL16 M16x1.5	16	M16x1.5	21	15	64	19.3	42	22	27	28.57	28	85	8	23	22	15	-	-	-	60	36	0-40	0.23
CFP18 M18x1.5	CFPL18 M18x1.5	18	M18x1.5	23	16.5	71	21.8	46	25	31	31.75	32	94	10	25	27	15	-	-	-	73.8	43.6	0-40	0.3
CFP20 M20	CFPL20 M20	20	M20	25	18	77	24.3	50	27.5	34	34.92	33	102	10	27	30	14	-	-	-	89	43.2	0-50	0.4
CFP20 M20x1.5	CFPL20 M20x1.5	20	M20x1.5	25	18	77	24.3	50	27.5	34	34.92	33	102	10	27	30	14	-	-	-	89	43.2	0-50	0.4
CFP22 M22x1.5	CFPL22 M22x1.5	22	M22x1.5	28	20	84	25.8	54	30	37	38.1	37	111	12	29	32	15	-	-	-	108.6	57.6	0-50	0.49
CFP25 M24x2	CFPL25 M24x2	25	M24x2	31	22	94	29.5	60	33.5	42	42.85	42	124	12	32	36	15	-	-	-	135	68.6	0-50	0.65
CFP30 M30x2	CFPL30 M30x2	30	M30x2	37	25	110	34.8	70	40	50	50.8	51	145	15	36	41	17	-	-	-	182.9	90	0-50	1.12
CFP30 M27x2	CFPL30 M27x2	30	M27x2	37	25	110	34.8	70	40	50	50.8	51	145	15	36	41	17	-	-	-	182.9	90	0-50	1.13
CFP35 M36x2	CFPL35 M36x2	35	M36x2	43	28	125	37.7	80	46	58	57.15	56	165	17	41	50	19	-	-	-	231.5	121	0-50	1.64
CFP40 M42x2	CFPL40 M42x2	40	M42x2	49	33	142	45.1	91	53	65	66.6	60	187	19	45	55	16	-	-	-	319.7	126.7	0-50	2.4
CFP50 M48x2	CFPL50 M48x2	50	M48x2	60	45	160	56.6	117	65	75	82.5	65	218	23	58	65	14	-	-	-	544.5	291.6	0-50	4.7

ROTATIONAL UNITS