CMX

Data sheet - rev. 1.0

Rod Ends - Tescubal Stainless Steel

Self-lubricating rod ends stainless steel, male thread, series K, DIN ISO 12240-4, maintenance free

FEATURES AND ADVANTAGES

- **HOUSING**: stainless steel X5CrNi1810 (1.4301 – AISI 304)
- **OUTER RING**: sintered bronze impregnated with high efficiency lubricating fluid
- **INNER RING**: tempered, ground and polished steel for bearings X20Cr13 (1.4021 – AISI 420)
- **MAINTENANCE**: maintenance free
- **TEMPERATURE RANGE**: -30° C to +120° C
- **USE & MAINTENANCE :** see this page
- **STATIC LOAD SERVICE LIFE :** see this page
- **TOLERANCES :** see this page

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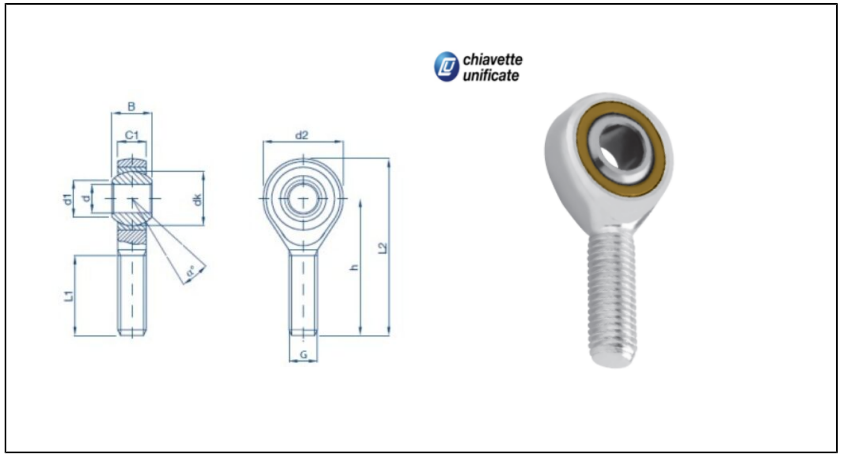
COMPONENTS AND DIMENSIONS



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/l3	l2/l4	l5	l7	W	α (°)	n_{max} (min^{-1})	Y	Y0	dyn C (kN)	stat C0 (kN)	CN (µm)	kg
CMX5 M5	**CMXL5 M5**	5	M5	8	6	33	7.7	18	-	-	11.11	19	42	-	-	-	13	-	-	-	4.3	3.2	5-50	0.02
CMX6 M6	**CMXL6 M6**	6	M6	9	6.75	36	8.9	20	-	-	12.7	21	46	-	-	-	13	-	-	-	5.6	4.6	5-50	0.02
CMX8 M8	**CMXL8 M8**	8	M8	12	9	42	10.4	24	-	-	15.87	25	54	-	-	-	14	-	-	-	9.4	8.4	7-61	0.04
CMX10 M10	**CMXL10 M10**	10	M10	14	10.5	48	12.9	28	-	-	19.05	28	62	-	-	-	13	-	-	-	13.3	13.4	7-61	0.06
CMX12 M12	**CMXL12 M12**	12	M12	16	12	54	15.4	32	-	-	22.22	32	70	-	-	-	13	-	-	-	17.9	18.4	8-75	0.1
CMX14 M14	**CMXL14 M14**	14	M14	19	13.5	60	16.8	36	-	-	25.4	36	78	-	-	-	15	-	-	-	23.1	24.3	8-75	0.13
CMX16 M16	**CMXL16 M16**	16	M16	21	15	66	19.3	42	-	-	28.57	37	87	-	-	-	15	-	-	-	29	33.4	8-75	0.21
CMX20 M20x1.5	**CMXL20 M20x1.5**	20	M20x1.5	25	18	78	24.3	50	-	-	34.92	45	103	-	-	-	14	-	-	-	42.8	41.8	10-92	0.37
CMX20 M20	**CMXL20 M20**	20	M20	25	18	78	24.3	50	-	-	34.92	45	103	-	-	-	14	-	-	-	42.8	41.8	10-92	0.37