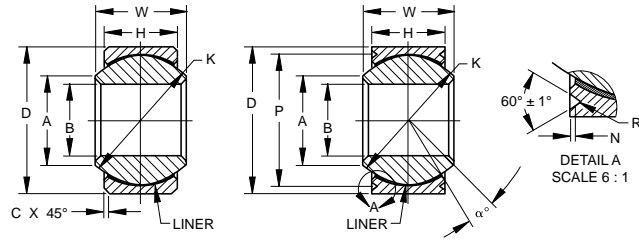


EN2023

European Standards

- Normal load series, self-lubricated, wide and narrow
- All dimensions are metric
- Material
 - Outer ring: CRES 17-4PH, EN2136 or EN2539
 - Inner ring: CRES 440C, EN2030
 - Liner: Fibriloid® or “E” Uniflon® qualified to AS81820 (qualification to EN2064 pending)



Chamfered
EN2023S

Grooved
EN2023R

SPECIFICATIONS AND ORDERING INFORMATION

Dash No	Ball				Outer race		Chamfer	V-groove			Loads			Movement		Weight (g)		
	Ø B Bore	Ø A	W Width	Ø K	Ø D O. diam.	H Width	C	Ø P	N	R	Radial Cs	Axial Ca	Oscillating Load	Angle α°	No-load rotational breakaway torque (Nm)			
	Tol. (µm)	mini	+ 0.00 - 0.06		Tol. (µm)	+ 0.1 - 0.1	Tol. (mm)	+ 0.1 - 0.0	+ 0.0 - 0.2	+ 0.1 - 0.0	(kN)				(Nm)			
Wide series	06L	6	7.7	11.0	13.5	16	+0	8.5	14.2	0.7	0.2	40	6.1	16.0	15	0.08 to 0.50	16	
	08L	8	10.3	11.0	15.0	18	-8	8.0	16.2			41	5.1	17.0	14		17	
	10L	10	12.2	12.5	17.5	21		10.0	18.4			63	9.5	25.0	10		27	
	12L	12	15.5	16.0	22.2	26	+0	13.0	23.4			105	18.6	42.0	10		49	
	15L	15	18.9	17.0	25.4	29	-9	13.5	26.4	0.9		126	20.4	50.0	9		62	
	17L	17	20.1	18.0	27.0	30		14.5	27.4			145	24.3	58.0	9		69	
	20L	20	23.5	20.0	30.9	35	+0 -11	16.0	31.8		0.3	191	30.7	76.0	8		104	
	25L	25	35.3	32.0	47.6	54	+0	26.0	1.0	+0.0 -0.4	1.4	491	93.2	197.0	9		0.25 to 1.00	445
	30L	30	40.9	34.0	53.2	60	-13	28.0	1.2			548	109.7	220.0	8		0.40 to 2.00	480
Narrow series	05E	5	8.6	7.0	11.1	14	+0	5.5	12.2	0.7	0.2	18	1.5	7.4	9	0.08 to 0.50	7	
	06E	6	9.0	9.0	13.5	16	-8	6.5	14.2			27	2.7	11.0	14		9	
	10E	10	11.9	10.5	15.9	21	+0	8.0	18.4	0.8	+0.0 -0.3	44	5.1	17.0	11	0.12 to 0.80	20	
	12E	12	15.0	13.0	19.8	25	-9	10.0	22.4			68	9.5	27.0	10		32	
	22E	22	27.1	22.0	34.9	40	+0	18.0	1.0	+0.0 -0.4	1.4	240	40.5	96.0	8	0.25 to 1.00	126	
	25E	25	29.6	25.0	38.8	45	-11	20.0				307	51.7	123.0	8		185	
30E	30	35.5	28.0	45.2	51	+0 -13	24.0				389	78.0	156.0	6	0.40 to 2.00	300		

Bearing configuration	Part number designations for a 12mm bore, spherical bearing
Chamfered outer ring, wide series	EN2023S12L RBC part number 03-875-12
Grooved outer ring, wide series	EN2023R12L RBC part number 03-873-12
Chamfered outer ring, narrow series	EN2023S12E RBC part number 03-876-12 (Fibriloid® liner)
Grooved outer ring, narrow series	EN2023R12E RBC part number 03-874-12 (Fibriloid® liner)