

WLK Niro

Data sheet - rev. 1.0

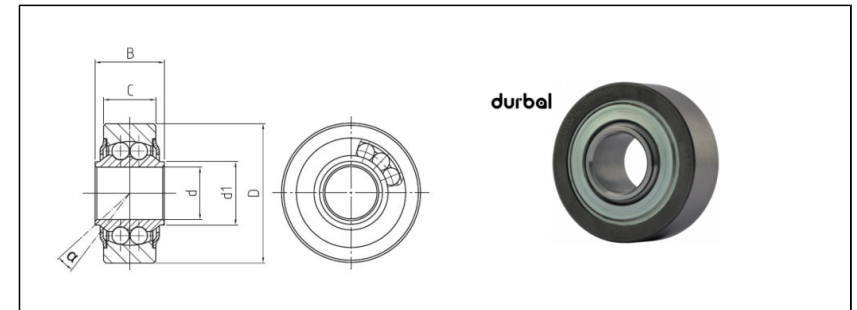
Spherical Plain Bearings - Premium Line Stainless Steel

Heavy-duty spherical bearings with integral self-aligning ball bearing - Stainless Steel

FEATURES AND ADVANTAGES

- Outer ring: AISI 440b stainless steel, hardened, runway superfinished
- Inner ring: AISI 440b stainless steel, hardened, superfinished
- Rolling element: AISI 440c stainless steel, hardened, superfinished
- Maintenance: low maintenance, aluminium-complex-soap-grease, approval according to USDA H1
- Temperature range: -45° C to +120° C
- USE & MAINTENANCE : see this page
- STATIC LOAD SERVICE LIFE : see this page
- TOLERANCES : see this page

COMPONENTS AND DIMENSIONS



SCAN ME!



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Type	Measurements [mm]								Tilt angle	Rotational speed limit	Axial factor		Basic load rating		Radial clearance	Weight
	d	D	d1	B	C	dk	rs	rs1	α (°)	n _{max} (min ⁻¹)	Y	Y0	dyn C (kN)	stat C0 (kN)	CN (μm)	kg
WLK 06 - 60 - 500	6	20	9	9	6.75	-	-	-	8	1350	2.09	2.19	1.9	0.5	10-30	0.02
WLK 08 - 60 - 500	8	24	10.4	12	9	-	-	-	8.5	1300	1.8	1.89	2.8	0.7	10-30	0.03
WLK 10 - 60 - 500	10	28	12.7	14	10.5	-	-	-	8	1225	1.9	1.81	3.1	1	10-30	0.05
WLK 12 - 60 - 500	12	32	14.6	16	12	-	-	-	7.5	1125	1.74	1.82	3.5	1.3	10-30	0.07
WLK 16 - 60 - 500	16	42	19	21	15	-	-	-	8	975	2.24	2.35	4.3	1.6	10-30	0.15
WLK 18 - 60 - 500	18	46	21.9	23	16.5	-	-	-	8.5	900	2.21	2.31	5	2	10-30	0.2
WLK 20 - 60 - 500	20	50	24.3	25	18	-	-	-	7	825	2.46	2.58	5.4	2.3	10-30	0.25
WLK 22 - 60 - 500	22	54	25.8	28	20	-	-	-	8	725	2.35	2.24	6.5	2.8	10-30	0.34
WLK 25 - 60 - 500	25	64	30.1	31	22	-	-	-	5	600	2.02	2.12	7.7	4	10-30	0.45
WLK 30 - 60 - 500	30	70	34.5	37	25	-	-	-	7.5	450	2.24	2.35	9.9	5.3	10-30	0.69

ROTATIONAL UNITS