

WLT Niro

Data sheet - rev. 1.0

Spherical Plain Bearings - Premium Line Stainless Steel

Heavy-duty spherical-plain bearings with integral self-aligning roller bearing, stainless steel, cage design

FEATURES AND ADVANTAGES

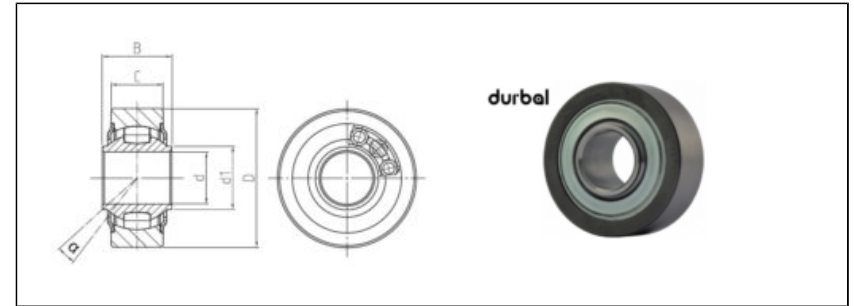
- Outer ring: AISI 440b stainless steel, hardened, runway superfinished
- Inner ring: AISI 440b stainless steel, hardened, superfinished
- Rolling element: AISI 440c stainless steel, hardened, superfinished
- Maintenance: low maintenance, aluminium-complex-soap-grease, approval according to USDA H1
-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

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COMPONENTS AND DIMENSIONS



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
WLT 10 - 60 - 500	10	28	12.7	14	10.5	-	-	-	8	1225	9.5	5	6.7	3.8	10-30	0.04
WLT 12 - 60 - 500	12	32	14.6	16	12	-	-	-	7	1125	9.5	5	7.2	4.6	10-30	0.06
WLT 16 - 60 - 500	16	42	19	21	15	-	-	-	8	975	9.5	5	9.3	6.2	10-30	0.13
WLT 20 - 60 - 500	20	50	24.3	25	18	-	-	-	7	825	9.5	5	11.9	8.2	10-30	0.21
WLT 25 - 60 - 500	25	64	30.1	31	22	-	-	-	5	600	9.5	5	17.4	13	10-30	0.34
WLT 30 - 60 - 500	30	70	34.5	37	25	-	-	-	7.5	450	9.5	5	22.8	17.4	10-30	0.6

ROTATIONAL UNITS