

# WLT Niro VR

Data sheet - rev. 1.0

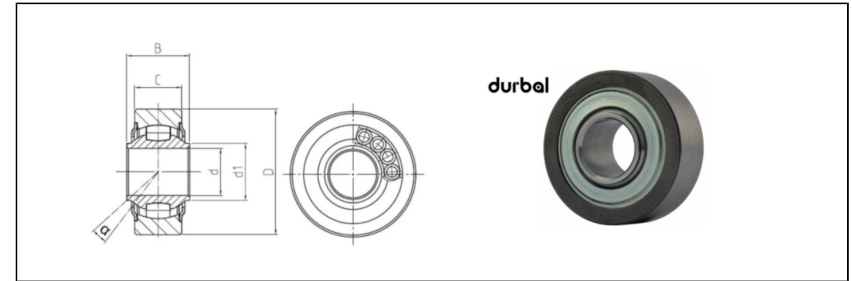
## Spherical Plain Bearings - Premium Line Stainless Steel

Heavy-duty spherical-plain bearings with integral self-aligning roller bearing, stainless steel, full complement 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](#)

### COMPONENTS AND DIMENSIONS



SCAN ME!



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Type	Measurements [mm]								Tilt angle $\alpha$ (°)	Rotational speed limit $n_{max}$ (min <sup>-1</sup> )	Axial factor		Basic load rating		Radial clearance CN (µm)	Weight kg
	d	D	d1	B	C	dk	rs	rsl			Y	Y0	dyn C (kN)	stat C0 (kN)		
<b>WLT 10 - 90 - 500</b>	<b>10</b>	28	12.7	14	10.5	-	-	-	8	820	9.5	5	8	4.6	10-30	0.04
<b>WLT 12 - 90 - 500</b>	<b>12</b>	32	14.6	16	12	-	-	-	7.5	750	9.5	5	10.4	6.9	10-30	0.08
<b>WLT 16 - 90 - 500</b>	<b>16</b>	42	19	21	15	-	-	-	8	650	9.5	5	12.1	8.3	10-30	0.15
<b>WLT 18 - 90 - 500</b>	<b>18</b>	46	21.9	23	16.5	-	-	-	8.5	600	9.5	5	13	9	10-30	0.19
<b>WLT 20 - 90 - 500</b>	<b>20</b>	50	24.3	25	18	-	-	-	7	550	9.5	5	14.4	10.1	10-30	0.24
<b>WLT 22 - 90 - 500</b>	<b>22</b>	54	25.8	28	20	-	-	-	8	480	9.5	5	16.4	12.1	10-30	0.3
<b>WLT 25 - 90 - 500</b>	<b>25</b>	64	30.1	31	22	-	-	-	5	400	9.5	5	18.7	14.4	10-30	0.38
<b>WLT 30 - 90 - 500</b>	<b>30</b>	70	34.5	37	25	-	-	-	7.5	300	9.5	5	29.5	14.6	10-30	0.65

# ROTATIONAL UNITS