

WLT VR

Data sheet - rev. 1.0

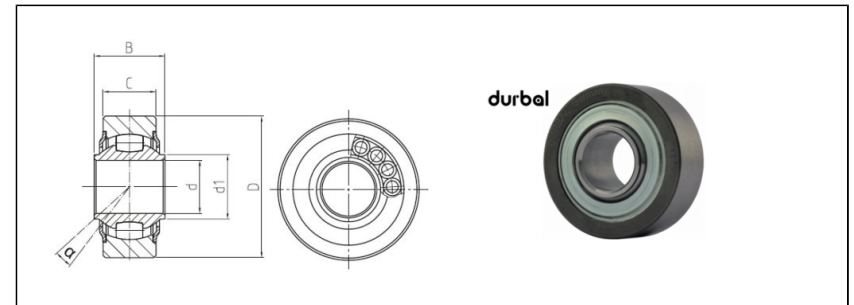
Spherical Plain Bearings - Premium Line

Heavy-duty spherical bearings with integral self-aligning roller bearing, full complement design

FEATURES AND ADVANTAGES

- Outer ring: 100Cr6 ball bearing steel, hardened, runway superfinished
- Inner ring: 100Cr6 ball bearing steel, hardened, superfinished
- Rolling element: 100Cr6 ball bearing steel, hardened, superfinished
- Maintenance: low maintenance, aluminium-complexsoap-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!



myRollon

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 - 30 - 500	10	28	12.7	14	10.5	-	-	-	8	820	9.5	5	9.5	5.4	10-30	0.04
WLT 12 - 30 - 500	12	32	14.6	16	12	-	-	-	7.5	750	9.5	5	14.9	9.8	10-30	0.08
WLT 16 - 30 - 500	16	42	19	21	15	-	-	-	8	650	9.5	5	17.3	11.8	10-30	0.15
WLT 18 - 30 - 500	18	46	21.9	23	16.5	-	-	-	8.5	600	9.5	5	18.5	12.9	10-30	0.19
WLT 20 - 30 - 500	20	50	24.3	25	18	-	-	-	7	550	9.5	5	20.6	14.4	10-30	0.24
WLT 22 - 30 - 500	22	54	25.8	28	20	-	-	-	8	480	9.5	5	23.4	17.3	10-30	0.3
WLT 25 - 30 - 500	25	64	30.1	31	22	-	-	-	5	400	9.5	5	26.7	20.5	10-30	0.38
WLT 30 - 30 - 500	30	70	34.5	37	25	-	-	-	7.5	300	9.5	5	42.2	35.2	10-30	0.65
WLT 35 - 30 - 500	35	92	44.5	48	35	-	-	-	7	267	9.5	5	63.2	50.5	10-30	1.4
WLT 40 - 30 - 500	40	120	60	66	49	-	-	-	7	240	9.5	5	124	99	10-30	3.11

ROTATIONAL UNITS