

BPW TURNTABLES

WITH DOUBLE BALL RACE



FEATURES

- The quality of BPW double ball race turntables is superior to conventional single race turntables. Ensuring robust, long-lasting and cost-effective operations
- BPW Turntables feature two fully active ball races which have been renowned for numerous years as quality products for draw bar trailers, semi trailers, heavy load transporters and special transportation vehicles.
- Equipped with both supporting and retaining ball races between the upper and lower rings, all active axial and radial forces are distributed between the two ball races.
- The turntables are used in particular applications where the vehicle design places extremely high demands on the construction and materials.

BENEFITS

- Minimized idle time due to a long service life and guaranteed reliability.
- Special material selection and manufacturing processes allow for use under extreme conditions.
- The use of a multi layered labyrinth seal provides good protection from dust and dirt.
- The corrosion resistant paint provides for a weather and impact resistant undercoat for subsequent painting.

BPW Axles (Pty) Ltd

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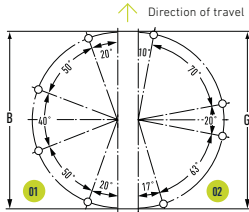
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we think transport



8-HOLE

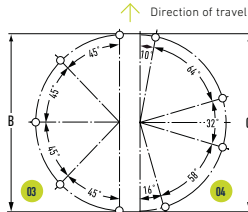
ONLY DK 80 / 8



Upper ring

Lower ring

8-HOLE

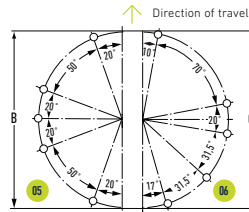


Upper ring

Lower ring

10-HOLE

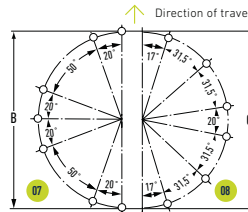
ONLY DK 80 / 16 A



Upper ring

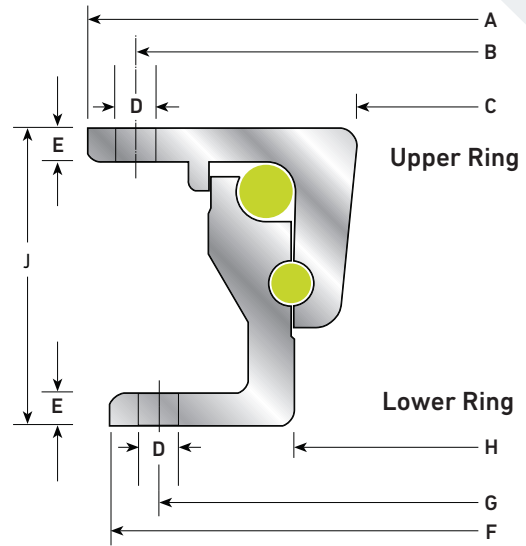
Lower ring

12-HOLE



Upper ring

Lower ring



BPW Turntables -drilled²

Model	BPW Code Number	Upper Ring							Lower Ring						Bolt Ring				
		Permitted axial load in t (4)	Permitted total trailer weight t	External Ø A mm	Pitch Circle Ø B mm	Hole pattern	Internal Ø C mm	Hole Ø D mm	Flange thickness E mm	External Ø F mm	Pitch circle Ø G mm	Hole pattern	Internal Ø H mm	Hole Ø mm	Flange thickness E mm	Quantity	Tread Ø min	Design height J min.	Weight (kg)
DK 80/8	02.6415.10.00	8	40	894	866	①	749.5	16	9	880	852	②	784	16	9	8	M 14	80	49
DK 80/10	02.6415.13.00	10	50	1108	1074	③	959.5	16	9	1095	1060	④	994	16	9	8	M 14	80	64
DK 90/13	02.6415.20.00	13	55	1108	1074	③	942	18	10	1095	1060	④	979	18	10	8	M 16	90	82
DK 90/14	02.6415.34.00	14	55	1000	966	③	834	18	10	987	952	④	871	18	10	8	M 16	90	72
DK 90/16	02.6415.30.00	16	60	1108	1074	③	942	18	10	1095	1060	④	979	18	10	8	M 16	90	82
DK 90/20	02.6415.41.00	20	60	1108	1074	③	942	18	10	1095	1060	④	979	18	10	8	M 16	90	82
DK 90/20/1212	02.6415.76.00	20	60	1208	1174	⑦	1042	18	10	1195	1160	⑧	1079	18	10	12	M 16	90	85
DK 90/26/1212	02.6415.78.00	26	70	1208	1174	⑦	1042	18	10	1195	1160	⑧	1079	18	10	12	M 16	90	96
DK90/30/1212 SP	02.6415.80.00	30	70	1208	1174	⑦	1042	18	10	1195	1160	⑧	1079	18	10	12	M 16	90	96

BPW Turntables -undrilled

DK 80/5	02.6415.06.00	5	25	664	636		519.5	14	9	650	622		554	14	9	8	M 12	80	38
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1) Special versions on request. 2) Undrilled options available on request. 3) See Illustrations for drilling patterns. 4) Only use for semi-trailer coupling. 5) Permitted axial load = static axial load over the steered axle which acts on the turntable. Subject to modifications!

Recommended tightening torques

Turntable type	Bolt Size	Bolt Grade	Nm
DK 80/05	M12 X 1.5	10.9	97
DK 80/08 DK 80/10	M14 X 1.5	10.9	160
DK 90/12 DK 90/30/1212 SP	M16 X 1.5	10.9	245

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