

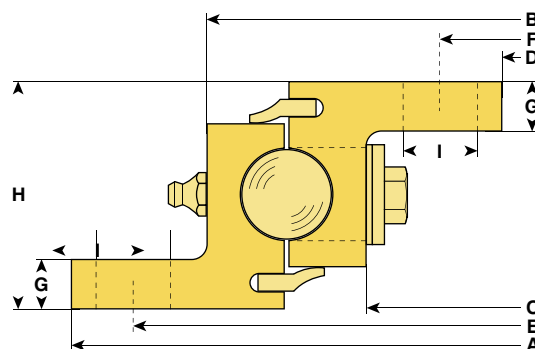


i All slewing rings supplied primed for corrosion protection

Material: C45
Ball race: Hardened

Fitted with 4 conical lubrication nipples AM 8x1 according to DIN 71412

If the slewing ring is to be used in self-steering systems or above a fifth wheel, please contact us for the maximum permissible loads by submitting construction data



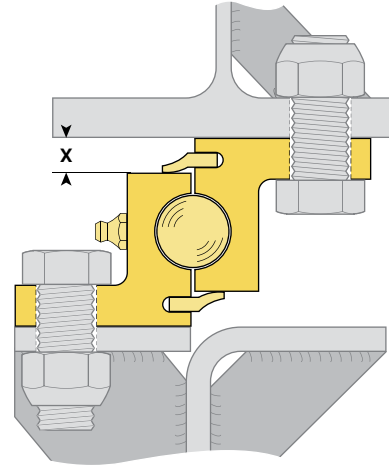
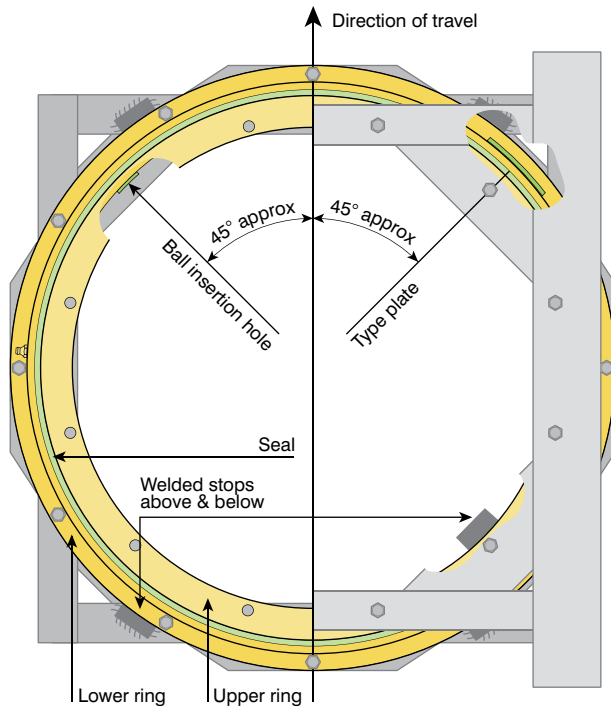
KDL SERIES

FOR MECHANICAL HANDLING APPLICATIONS AND SPECIAL TRAILERS

A	B	C	D	E *	F *	G	H	I *	approx. weight	load cap. (tonnes) **	reference
520	451	371	302	490	332	12	56	18	25	4.00	KDL900-1
650	581	501	432	620	462	12	56	18	32	8.00	KDL900-2
750	681	601	532	720	562	12	56	18	38	12.00	KDL900-3
850	781	701	632	820	662	12	56	18	44	15.00	KDL900-4
950	881	801	732	920	762	12	56	18	50	18.00	KDL900-5
1050	981	901	832	1020	862	12	56	18	56	21.00	KDL900-6
1200	1131	1051	982	1170	1012	12	56	18	65	25.00	KDL900-7

i * Recommended drilling measurements, KDL series slewing rings are supplied undrilled
 ** Load capacities given are applicable if the slewing ring is mounted to the front of a trailer at speeds of up to 105kph

i All dimensions are in mm and all loadings are in kg unless otherwise stated and are subject to manufacturer's standard tolerances



- 1 The ball bearing turntable must be mounted on a completely flat and rigid base with at least 50% of the circumference adequately supported. Particular attention must be paid to the support of the web section area containing the ball bearing races. Any unevenness under the flanges can be corrected with metal strips or by filling in with plastic metal.
- 2 Each flange must be attached with a minimum of 12 high tensile bolts grade 8.8, M16 x 1.5.

Do not drill in the area of the type plate or ball insertion hole which should be located at less than 45° to the direction of travel.
- 3 To ease the shear load on the mounting bolts in the case of horizontal force at least 4 blocks should be welded on immediately adjoining each flange. The slewing ring must not be mounted by means of welding.
- 4 The slewing rings are lubricated with a lubricant suitable for the type of operation and the adherent operating conditions before they leave the factory, however the slewing ring must be adequately re-lubricated before the trailer is put into operation for the first time. The re-lubrication should build up a collar of grease in the gap between the 2 rings of the slewing ring thus preventing ingress of grit and water into the ball races.
- 5 The slewing ring must be lubricated according to use but at least once a month with a lubricant suitable for the type of operation and the adherent operating conditions. While lubricating the A-frame should be turned so that the grease is evenly distributed and a collar of grease is built up in the gap between the two rings. The tightness of the mounting bolts should also be checked.

- 6 Slewing rings are subject to wear. The limit of wear is reached when the axial play is 3.5mm. This is at the latest the case when the distance X is less than or equal to 7mm at any point on the circumference.

 All dimensions are in **mm** and all loadings are in **kg** unless otherwise stated