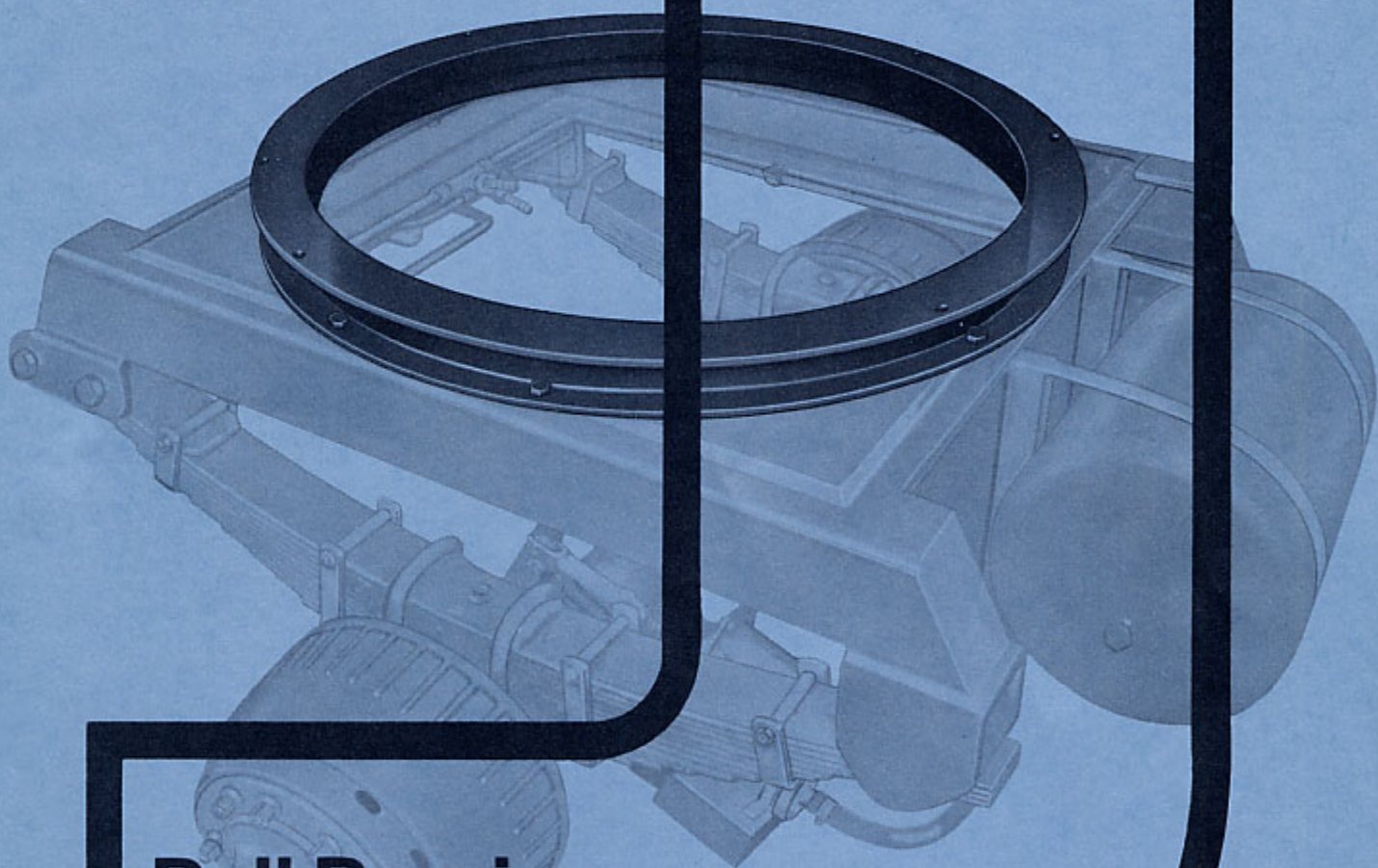


JOST



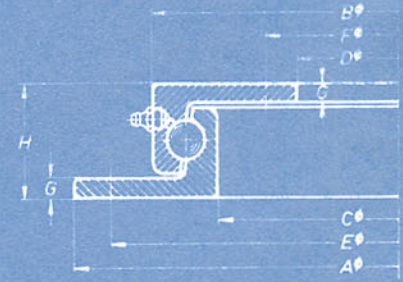
**Ball Bearing
Turntables**



Ball Bearings

SERIES

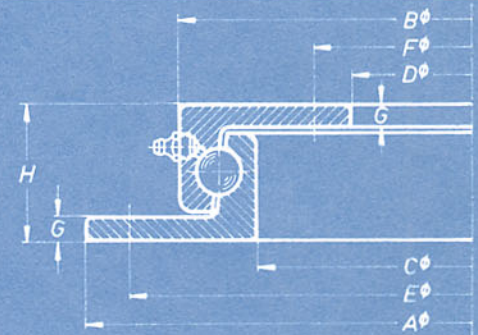
L



For farm carts and trailers
with a speed up to 15 M. P. H.

SERIES

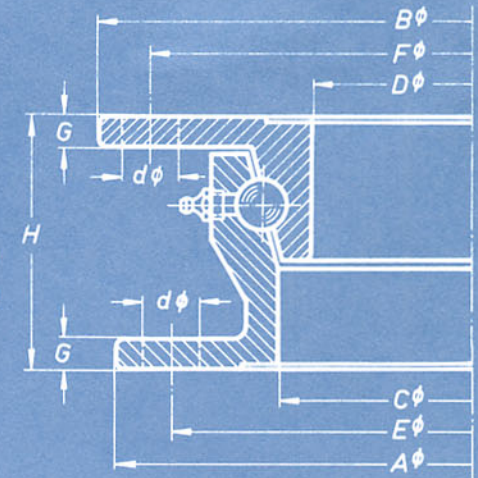
N



For light truck trailers with a speed
above 15 M.P.H. and for heavy farm carts up to 15 M.P.H.
For trailers with a speed below 15 M. P. H.
axial loads can be exceeded by 30% to 50%
according to the type of turntable.

SERIES

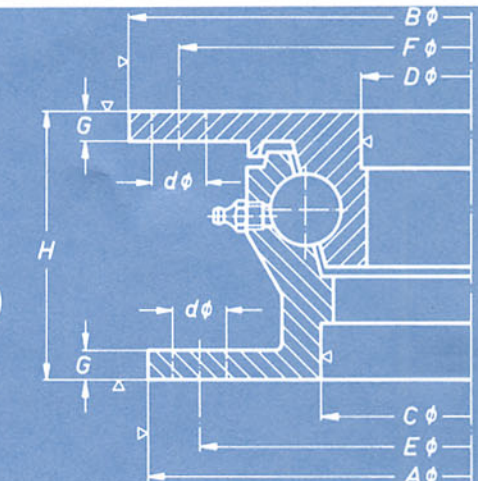
HE



The indicated axial loads refer to full trailers
with three axles.
They can be exceeded by 10% for full trailers
with two axles.
In case of speeds below 15 M. P. H. the axle loads
can be exceeded by 20%.

SERIES

SO



The indicated axial loads refer to full trailers
with three axles.
They can be exceeded by 10% for full trailers
with two axles.
In case of speeds below 15 M. P. H. the axle loads
can be exceeded by 20%.



Ball Bearings

Technical Data and Specifications

Type	A inch.	B inch.	C inch.	D inch.	E inch.	F inch.	G inch.	H inch.	Weight lbs.	Axial load tons
400 L	15%	13½	11½	9⅞	14%	10%	⅝	1 ²¹ / ₃₂	24	0.83
500 L	19 ¹¹ / ₁₆	17 ⁷ / ₁₆	15 ⁵ / ₁₆	13	18 ²³ / ₃₂	14 ³ / ₁₆	⅝	1 ²¹ / ₃₂	33	0.99
650 L	25%	23 ⁵ / ₁₆	21%	18 ⁷ / ₈	24%	20 ³ / ₃₂	⅝	1 ²¹ / ₃₂	44	1.7
750 L	29 ⁹ / ₁₆	27¼	25 ⁵ / ₁₆	22 ⁷ / ₈	28 ⁹ / ₁₆	24	⅝	1 ²¹ / ₃₂	50	2.0
850 L	33½	31 ³ / ₁₆	29¼	26%	32½	28	⅝	1 ²¹ / ₃₂	60	2.8
950 L	37%	35%	33 ³ / ₁₆	30%	36 ⁷ / ₁₆	31 ⁷ / ₈	⅝	1 ²¹ / ₃₂	66	3.3
1050 L	41%	39 ¹ / ₁₆	37 ⁷ / ₈	34%	40%	35 ¹³ / ₁₆	⅝	1 ²¹ / ₃₂	75	3.9

500 N	19 ¹¹ / ₁₆	17 ⁷ / ₃₂	15%	12%	18 ²³ / ₃₂	13%	⅝	1 ⁵⁷ / ₆₄	37	2.0
650 N	25%	23%	21	18 ⁵ / ₁₆	24%	19 ⁵ / ₁₆	⅝	1 ⁵⁷ / ₆₄	50	2.8
750 N	29 ⁹ / ₁₆	27 ¹ / ₁₆	25	22¼	28 ⁹ / ₁₆	23¼	⅝	1 ⁵⁷ / ₆₄	60	3.3
850 N	33½	31	28 ⁷ / ₈	26 ³ / ₁₆	32½	27 ³ / ₁₆	⅝	1 ⁵⁷ / ₆₄	68	3.9
950 N	37 ³ / ₈	34 ¹⁵ / ₁₆	32 ¹³ / ₁₆	30 ⁷ / ₈	36 ⁷ / ₁₆	31 ⁷ / ₈	⅝	1 ⁵⁷ / ₆₄	77	4.4
1050 N	41%	38 ⁷ / ₈	36%	34 ¹ / ₁₆	40%	35 ¹ / ₁₆	⅝	1 ⁵⁷ / ₆₄	86	5.0

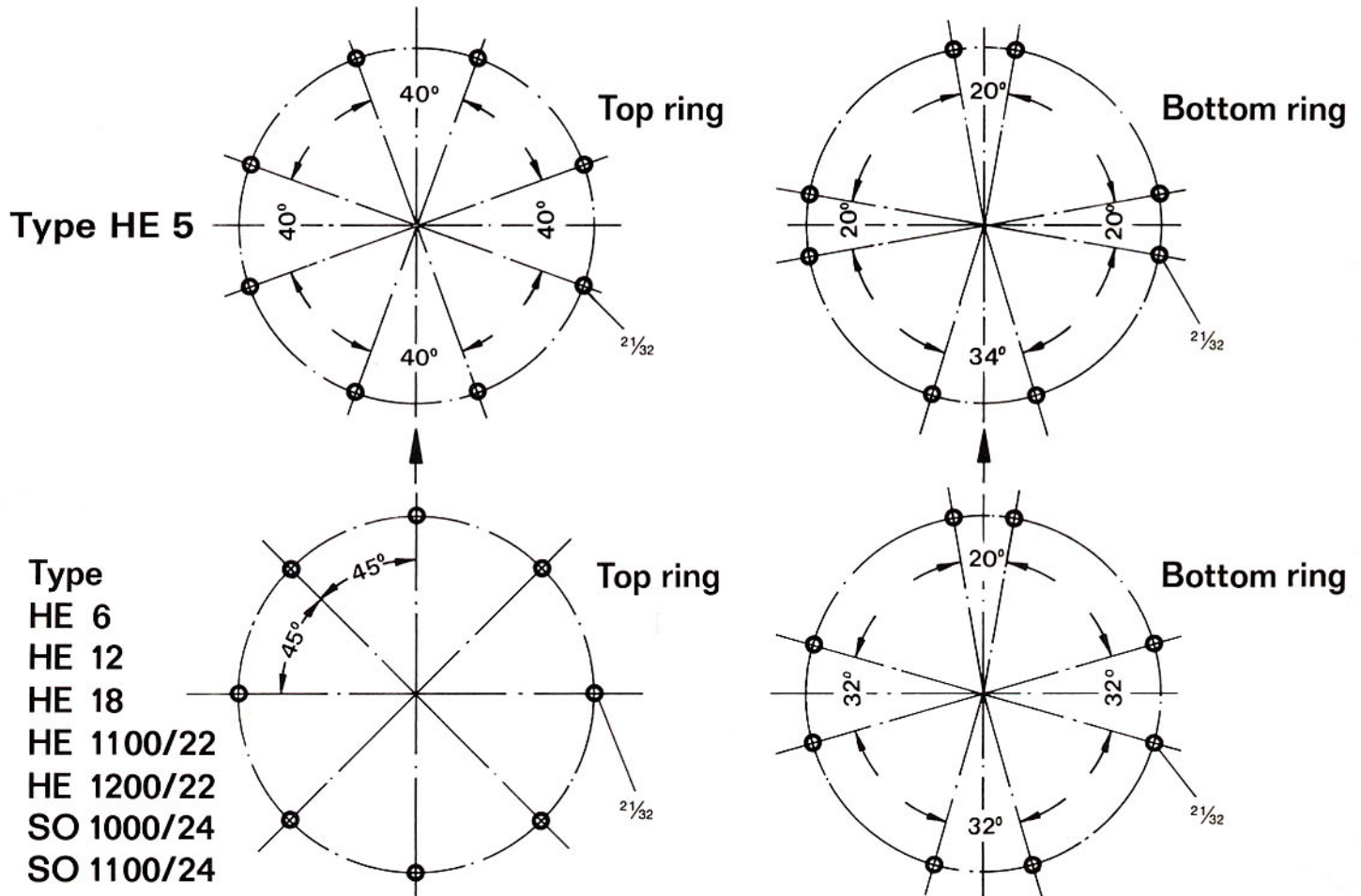
HE 4	27	27 ⁹ / ₁₆	23 ⁵ / ₃₂	22 ⁵ / ₁₆	25 ⁷ / ₈	26 ⁷ / ₁₆	2 ³ / ₆₄	3 ⁵ / ₃₂	75	3.3
HE 5	34 ²¹ / ₃₂	35¼	30 ⁷ / ₈	30	33 ³ / ₁₆	34 ⁷ / ₈	2 ³ / ₆₄	3 ⁵ / ₃₂	95	5.5
HE 6/1000	39 ³ / ₈	40	35 ⁹ / ₁₆	34¾	38¼	38 ¹³ / ₁₆	2 ³ / ₆₄	3 ⁵ / ₃₂	110	6.6
HE 6	42 ¹⁵ / ₁₆	43½	39 ⁷ / ₈	38¼	41¼	42 ⁹ / ₃₂	2 ³ / ₆₄	3 ⁵ / ₃₂	123	7.2
HE 12/1000	39%	39 ¹¹ / ₁₆	34 ⁷ / ₈	34	37 ¹³ / ₁₆	38 ⁷ / ₈	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	145	7.7
HE 12	43 ⁵ / ₁₆	43 ⁵ / ₈	38 ⁷ / ₈	37 ¹⁵ / ₁₆	41¼	42 ⁹ / ₃₂	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	163	8.8
HE 18/1000	39%	39 ¹ / ₁₆	34 ⁷ / ₈	34	37 ¹³ / ₁₆	38 ⁷ / ₈	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	145	8.8
HE 18	43 ⁵ / ₁₆	43 ⁵ / ₈	38 ⁷ / ₈	37 ¹⁵ / ₁₆	41¼	42 ⁹ / ₃₂	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	163	11.
1000/22	39%	39 ¹¹ / ₁₆	34 ⁷ / ₈	34	37 ¹³ / ₁₆	38 ⁷ / ₈	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	145	11.
1100/22	43 ⁵ / ₁₆	43 ⁵ / ₈	38 ⁷ / ₈	37 ¹⁵ / ₁₆	41¼	42 ⁹ / ₃₂	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	163	13.2
1200/22	47¼	47 ⁹ / ₁₆	42%	41 ⁷ / ₈	45 ¹ / ₁₆	46¼	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	174	14.3

SO 1000/24	38 ⁷ / ₈	39%	34 ⁵ / ₁₆	33¼	37½	38 ¹ / ₁₆	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	159	13.2
SO 1100/24	43%	43%	38 ⁷ / ₁₆	37½	41¼	42 ⁵ / ₁₆	2 ⁵ / ₆₄	3 ³⁵ / ₆₄	180	17.6

See reverse for fitting and maintenance instructions!



Mounting Pattern For Ball Bearing Turntable



Fitting and maintenance

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.
2. Each flange must be attached with 8 high tensile grade 5 bolts, types L and N under 650 mm (25 3/8") dia. 4 to 6 bolts, and properly secured. We recommend for types L and N bolts M 10 (3/8") or M 12 (1 1/32") and for type HE bolts M 14 (1/2") or M 16 (5/8") (see illustrated standard drilling scheme). Any unevenness under the flanges can be corrected with metal strips or by filling in with plastic metal.
3. To ease the shear load on the mounting bolts at least four blocks should be welded on immediately adjoining each flange. The Ball Bearing Turntable must not be mounted by means of welding.
4. The Ball Bearing Turntable must be lubricated according to use, but at least once a month with heavy duty grease. Lubricate to build up a collar of grease in the gap between the two rings of the Turntable, thus preventing ingress of grit into the ball race. The tightness of the mounting bolts should also be checked.

The right to alter specifications is reserved