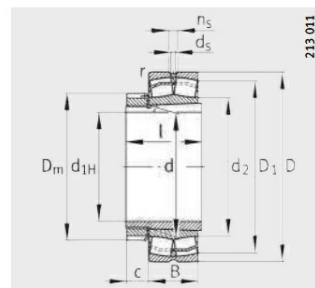
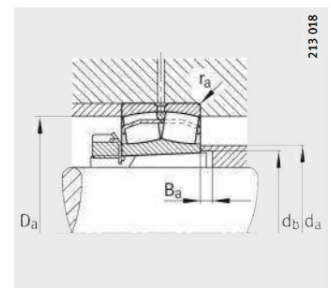


22328-E1-XL-K-T41A + H2328

Spherical roller bearings With adapter sleeve E1 design



E1 design



Mounting dimensions

Technical sheet of 22328-E1-XL-K-T41A + H2328

Type :	Spherical Roller Bearings	
Model :	22328-E1-XL-K-T41A + H2328	
Old Code :	22328-E1-K-T41A + H2328	
Main demensions :	140 mm × 300 mm × 102 mm	Bore Dia × Outside Dia × Width Dia
M kg:	40	Mass
HS Code :	8482300000	Bearing customs code
d mm:	140	inner ring diameter
D mm:	300	Outer ring diameter
B(T) mm:	102	Overall Width
Cr kN:	1459.362	Radial dynamic load rating
COr kN:	1629.174	Radial static load rating
Grease r/min:	1645	Reference speed
Oil r/min:	2178	Limiting speed

Detailed parameters and installation dimensions:

Part Number	22328-E1-XL-K-T41A + H2328
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Seal	Open
Cage	Stamping steel cage
Dimension - d_{1H}	125
Dimension - $r(\text{min.})$	4 mm 0.1575 inch
Dimension - D_1	255.7 mm 10.0669 inch
Dimension - d_2	173.5 mm 6.8307 inch
Series	223.-E1-XL-K-T41A + H2328
Bore Type	K = Tapered bore (taper 1:12)
Adapter sleeve	H2328
Adapter sleeve Mass	5.6 kg 12.346 lb
Radial Dynamic Capacity - C_r	1459362 N 328064 lbf
Radial static Capacity - C_{0r}	1629174 N 366238 lbf
X-Life	XL
Tolerance class	PN (ABEC-1)
Roller Material	GCr15SiMn
Dimension - d_s	9.5 mm 0.3740 inch
Dimension - n_s	17.7 mm 0.6968 inch
Dimension - d_m	180 mm 7.0866 inch
Dimension - l	131 mm 5.1575 inch
Dimension - c	24 mm 0.9449 inch
Ring Material	GCr15SiMn
Design Type	E1 = without central rip
Load	radial
Row	Two
Reference speed - n_B	1645 min^{-1}
Limiting speed - n_G	2178 min^{-1}
Bearing Type	Spherical roller bearings With adapter sleeve E1 design
Bearing Mass - m	34.4 kg 75.838 lb
Dimension Inside - $d \varnothing$	140 mm 5.5118 inch
Dimension Outside - $D \Phi$	300 mm 11.8110 inch
Dimension Width - B	102 mm 4.0157 inch
Interchangeable	FAG 22328-E1-XL-K-T41A + H2328
Mounting dimensions - $d_a(\text{max.})$	169 mm 6.6535 inch
Mounting dimensions - $D_a(\text{max.})$	283 mm 11.1417 inch
Mounting dimensions - $d_b(\text{min.})$	152 mm 5.9842 inch
Total Mass	40 kg 88.184 lb
Suffixes	T41A: for vibrating screens
Manufacturer Part Code	22328-E1-K-T41A + H2328
Temperature - $T(\text{min})$	-30°C
Temperature - $T(\text{max})$	up +200°C
Calculation coefficient - e	0.34
Calculation coefficient - Y_1	2
RIC	C4

Measurement	Metric
Mounting dimensions - B_a (min.)	8 mm 0.3150 inch
Mounting dimensions - r_a (max.)	3 mm 0.1181 inch
Radial Fatigue Capacity - C_{ur}	134703 N 30281 lbf
Original Code	22328-E1-K-T41A + H2328
Calculation coefficient - Y_2	2.98
Calculation coefficient - Y_0	1.96

NOTE: All other trademarks are the property of their respective owners used for the purpose of compatibility description and product identification only. Tradebearings is not affiliated with, endorsed by, or sponsored by the holders of these trademarks.

22328-E1-XL-K-T41A + H2328 features:

With its superior load-bearing capacity, self-aligning capability, resistance to shock and vibration, high operational accuracy and stability, long service life and high reliability, simplified installation and maintenance, and classic engineering solution addressing the three major challenges of "heavy load, shock, and misalignment," this component boasts unparalleled robustness, adaptability, and load-bearing capacity, can accommodate heavy loads in both directions making it an indispensable core component in heavy machinery and harsh environments.

22328-E1-XL-K-T41A + H2328 application:

Roll necks for rolling mills (plate, wire, and bar mills); continuous casting equipment; vibrating screens; crushers (jaw crushers, cone crushers); ball mills and rotary kilns; drying drums for large paper machines (withstanding heavy loads in high-temperature and high-humidity environments); bucket elevators; drive and idler drums for large belt conveyors; generator main shafts (withstanding enormous, directional loads and bending moments); marine stern shafts, deck cranes, and steering gears; gearboxes (especially large, low-speed, heavy-duty gearboxes).

Tradebearing(TBS): <https://en.tradebearings.com/>

Email: admin@tradebearings.com

Whatsapp/Mob.: +86 15906428604