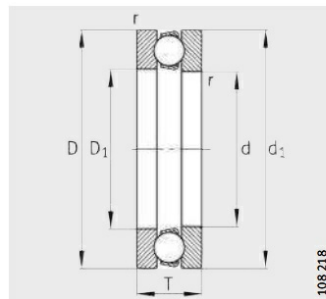
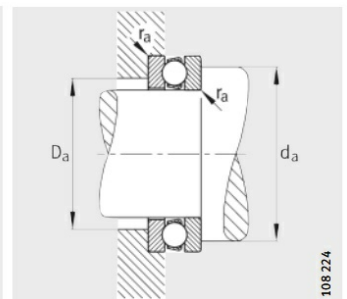


51124



511, 512, 513, 514



Mounting dimensions

PDF technical sheet of 51124

Type :	Single direction thrust ball bearings	
Model :	51124	
Old Code :	8124	
Main dimensions :	120 mm × 155 mm × 25 mm	Bore Dia × Outside Dia × Width Dia
M kg:	1.54	Mass
HS Code :	8482104000	Bearing customs code
d mm:	120	inner ring diameter
D mm:	155	Outer ring diameter
B(T) mm:	25	Overall Width
Grease r/min:	2524	Reference speed
Oil r/min:	2937	Limiting speed

Detailed parameters and installation dimensions:

Part Number	51124
Cage	JP = Stamping steel cage
Rows NO.	One
Dynamic Axial Capacity - C_a	89508 N 20121 lbf

Static Axial Capacity - C_{0a}	309650 N 69609 lbf
Series	511 series (511)
Seal	Open
Dimension chamfer - $r(\text{min.})$	1 mm 0.0394 inch
Fatigue Axial Capacity - C_{ua}	13877 N 3119 lbf
Bearing Mass - m	1.54 kg 3.3951 lb
Dimension Inside - $d \phi$	120 mm 4.7244 inch
Dimension Outside - $D \Phi$	155 mm 6.1024 inch
Units	Metric
Ring Material	GCr15SiMn
Dimension Thickness - T	25 mm 0.9843 inch
Dimension - D_1	122 mm 4.8031 inch
Dimension - d_1	155 mm 6.1024 inch
Temperature - $T(\text{min})$	-30 °C
Temperature - $T(\text{max})$	150 °C
Speed ratings (grease) - n_B	2524 min^{-1}
Speed ratings (oil) - n_G	2937 min^{-1}
Accuracy class	PN (ABEC-1)
Bore Type	Cylindrical bore
Mounting dimensions - $d_a(\text{min.})$	141 mm 5.5512 inch
Mounting dimensions - $D_a(\text{max.})$	134 mm 5.2756 inch
Bearing Type	Axial deep groove ball bearings, Single direction
Minimum load coefficient - A	0.48
Ball Material	GCr15SiMn
Mounting dimensions - $r_a(\text{max.})$	1 mm 0.0394 inch

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