

8 7 6 5 4 3 2 1

F
E
D
C
B
A

GENERAL TOLERANCE

CLASS GRADE	0.5-6	6-30	30-120	120-315	315-1000	1000-2000	2000-4000	> 4000
SECOND GRADE	0.1	0.2	0.3	0.5	0.8	±1.2	±2	±3

ALL DIMENSIONS IN MM UNDER OTHERWISE SPECIFIED
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REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED

14 BEARINGS SPECIAL STEEL - 52100
13 O-RINGS & GASKETS NBR & NON-ASBESTOS
12 FASTENERS HIGH TENSILE 8.8GRADE
11 STEM COVER CARBON STEEL
10 COLLAR STAINLESS STEEL
9 HAND WHEEL CARBON STEEL
8 DRIVE SLEEVE DUCTILE IRON
7 LOCK NUT CARBON STEEL
6 STEM BUSH AL BRONZE/ CARBON STEEL
5 END COVER CARBON STEEL
4 PINION SHAFT CARBON STEEL
3 BEVEL GEAR CARBON STEEL
2 BOTTOM COVER DUCTILE IRON
1 TOP HOUSING DUCTILE IRON

SL.NO DESCRIPTION MATERIAL / MAKE

BILL OF MATERIAL

WEIGHT (APPROX) 35.00 Kgs (APPROX)
M.A ±10% 3.40
MAX. THRUST CAPACITY 150 KN
MAX. TORQUE OUTPUT 1100 Nm
ALLOWABLE MAX. STEM Tr55/Ø45(14x9)
GEAR RATIO 3.75 : 1
MODEL MAB-150

TECHNICAL DIMENSIONS

Mentioned specifications & dimensions are subject to change without prior notice for quality improvement.

270.00 ±5.00
290.00 ±10.00
200.00 ±5.00
35.00
149.00
Ø 130.00 f8 (-0.04/-0.11)
Ø 500.00 ±10.00

SECTION A-A

360.00 ±10.00
103.00
Ø 25.00
90.50 STEM HEIGHT
4.00
Ø 250.00

NOTE:
1.ALL DIMENSIONS ARE IN MM.
2.PAINTING SPECIFICATIONS: (C4 HIGH),
a)PRIMER COAT :BARRIER 80 X- (50 MICRONS),
b)MID COAT:PENGUARD MIDCOAT M20 GREY(100 MICRONS),
c)FINAL COAT : HARDTOP HP (60 MICRONS),
d)TOTAL DFT : 210 MICRONS (MINIMUM).
e)RAL SHADE - RAL-5024 -PASTEL BLUE-MATTE FINISH.
3.OPTION-2-AS PER CUSTOMER REQUIREMENT.

MODEL :- MAB-150
MATERIAL :- DUCTILE IRON WEIGHT :- REFER TABLE
GRADE :- A536-65-45-12 NAME SIGN DATE
DRAWN VENMANI
CHECKED SAKTHI
APPROVED VENKAT

TITLE:- MAB SERIES PART NAME :- MAB-150-ASSEMBLY
QUANTITY :- 01 NO PART NUMBER:-
SCALE DWG NO:- SMA-MAB-150-GAD
NTS DRG.SHEET:- 1 OF 1 REVISION:- R - A

SUSIN

45°TYP
4 x Ø 17.50 ∇ 37.50
M20x2.5 - 6H ∇ 30.00
on PCD Ø165 (F16)