

8 7 6 5 4 3 2 1

GENERAL TOLERANCE

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

ALL DIMENSIONS IN MM UNDER OTHERWISE SPECIFIED

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REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED

MODEL	GEAR RATIO	MA ± 10%	ACTUATOR MOUNTING (ISO 5211)		VALVE MOUNTING (ISO 5211)		MAX TORQUE CAPACITY OUTPUT		MAXIMUM STEM ACCEPTANCE(MM)	HAND WHEEL DIA	WEIGHT (kg)
			STANDARD	OPTION	STANDARD	OPTION	N.m	Ft.lbf			
ITG-012-LH	30:1	4	F07	F05	F07	F05	125	92.2	Ø 25(8x7) & □ 22	Ø 110	2.90 Kgs

156.00 ±5.00

96.00

110.00

25.00

55.00

37.00

Ø 150.00 ±5.00

45° (TYP)

4X Ø 8.50 - THRU ALL On PCD - Ø70 (F07)

4X Ø 6.50 - THRU ALL On PCD - Ø50 (F05)

SUSIN

A

38.00 (STEM HEIGHT)

33.00

15.00

11.00

99.00

SECTION A-A

45° (TYP)

4 x Ø 5.00 ∇ 12.00 M6 - 6H ∇ 9.00 On PCD Ø70(F07)

4 x Ø 6.80 ∇ 15.75 M8x1.25 - 6H ∇ 12.00 On PCD Ø50(F05)

11.00

ROTATION PLATE DETAILS

CW-CLOSE

CCW-OPEN

NOTES:

1.ALL DIMENSIONS ARE IN MM,

2.PAINTING SPECIFICATIONS: (C4 HIGH),

a)PRIMER COAT :BARRIER 80 X- (50 MICRONS),

b)MID COAT:PENGUARD MIO GREY(100 MICRONS),

c)FINAL COAT : HARDTOP HP (60MICRONS),

d)NET DFT : 210 MICRONS (MINIMUM),

e)RAL SHADE - RAL-9005 -JET BLACK MATTE FINISH,

NOTE:

1.WORM & WORM SHAFT SELF LOCKING,

2.TYPE OF ENCLOSER - IP67 (AS PER IS 60529),

3.OUTPUT ROTATION - CLOCKWISE TO CLOSE,

4.KEYWAY AS PER IS-2048,

5.BACKLASH BETWEEN WORM & WORM GEAR TEETH NOT TO EXCEED 10° TO 15° OF HANDWHEEL ROTATION

MODEL :- ITG-012

MATERIAL :- REFER BOM

WEIGHT :- 3.25 Kgs

GRADE :- REFER BOM

NAME

SIGN

DATE

TITLE:-

ITG SERIES

PART NAME :- ITG - 012 - GAD

DRAWN

ARUN

QUANTITY :- 01 NO

PART NUMBER:- F1900009

CHECKED

SAKTHI

SCALE

DWG NO:- STD-ITG-012

APPROVED

VENKATESH

NTS

DRG.SHEET:- 1 OF 1

REVISION:- R - -

12

O-RING

1

NBR

13

FASTNERS

8

HT 8.8 GRADE

11

THRUST WASHER

2

STAINLESS STEEL

10

LOCKING UNIT

1

STAINLESS STEEL

9

TOP COVER GASKET

1

NON-ASBESTOS

8

HANDWHEEL

1

CARBON STEEL

7

DRIVE BUSH

1

CARBON STEEL

6

RH BUSH

1

CARBON STEEL

5

LH BUSH

1

CARBON STEEL

4

WORM SHAFT

1

ALLOY STEEL

3

WORM GEAR

1

CASTIRON

2

TOP COVER

1

CASTIRON

1

HOUSING

1

CASTIRON

SL.NO

DESCRIPTION

QTY

MATERIAL / MAKE

BILL OF MATERIAL

8 7 6 5 4 3 2 1