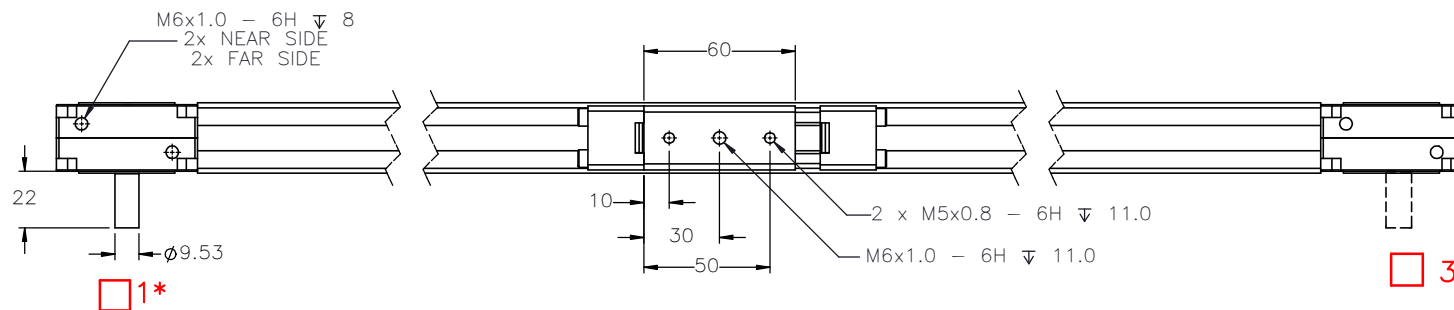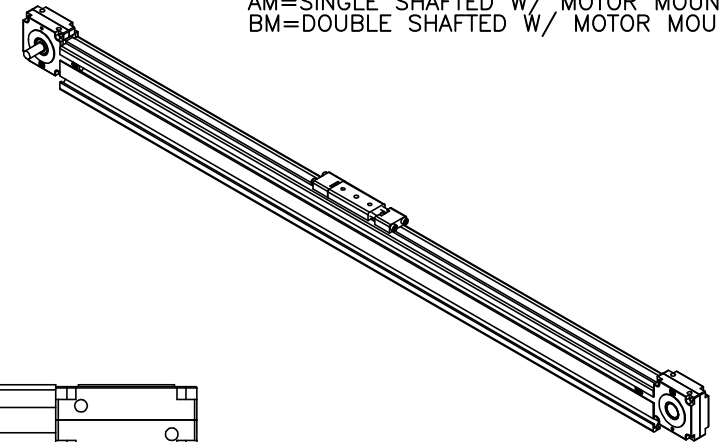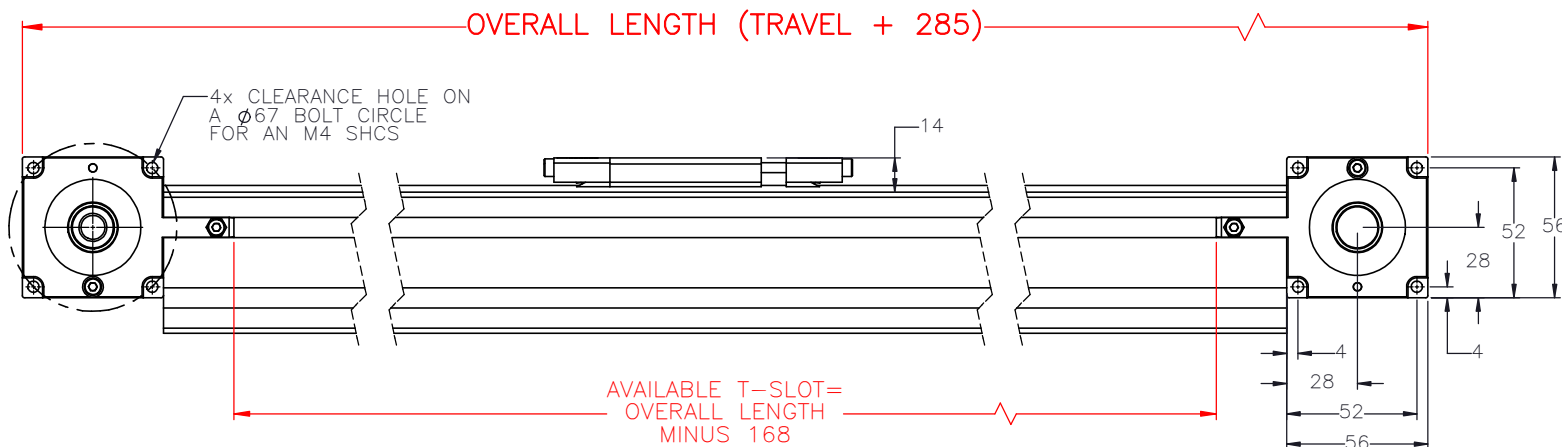# iSA-SB1-B-GB- ☐☐ ☐ — ☐

PULLEY PITCH DIAMETER	33.42mm (1.316")
PULLEY WIDTH	16.3mm (.640")
PULLEY MATERIAL	STEEL
BELT WEIGHT (kg)	((TRAVEL IN METERS x 2)+.51) x .04
TRAVEL PER REV.	105mm
TRAVEL MIN.	150mm
TRAVEL MAX.	5825mm
TENSION ASSY WEIGHT (kg)	0.08kg
SYSTEM WEIGHT (kg)	(TRAVEL IN METERS x 1.5) + 1.3

ENTER
TRAVEL IN INCREMENTS OF 25mm

SELECT
DRIVE SHAFT LOCATION∗

SHAFTING TYPE
A0=SINGLE SHAFTED
B0=DOUBLE SHAFTED
AM=SINGLE SHAFTED W/ MOTOR MOUNT
BM=DOUBLE SHAFTED W/ MOTOR MOUNT

M6x1.0 – 6H ▽ 8
2x NEAR SIDE
2x FAR SIDE

22
⌀9.53

☐ 1∗

60
10
30
50
2 x M5x0.8 – 6H ▽ 11.0
M6x1.0 – 6H ▽ 11.0

☐ 3∗

OVERALL LENGTH (TRAVEL + 285)

4x CLEARANCE HOLE ON
A ⌀67 BOLT CIRCLE
FOR AN M4 SHCS

14

AVAILABLE T-SLOT=
OVERALL LENGTH
MINUS 168

50
52
56
28
4
4
28
52
56

70
14
28

DRAWN BY: ––	DATE: DD/MM/YYYY	MATERIAL:
CHECKED BY: ––	DATE: DD/MM/YYYY	
LAST SAVED BY: ––	DATE: DD/MM/YYYY	FINISH:

ips INDUSTRIAL PROFILE SYSTEMS

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES UNLESS NOTED
OTHERWISE:
.X ± .762
.XX ± .254
.XXX ± .127
ANG ± 0·30'

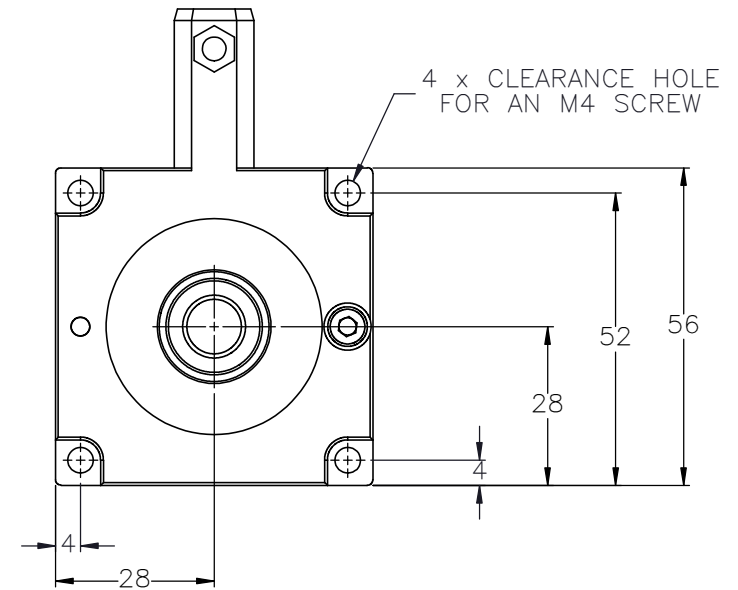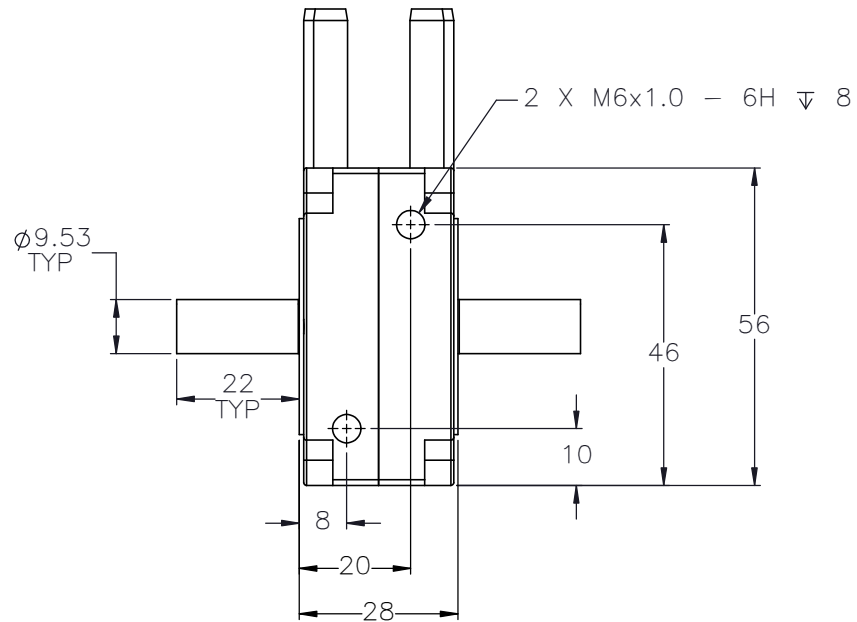SURFACE FINISH
BREAK ALL SHARP EDGES
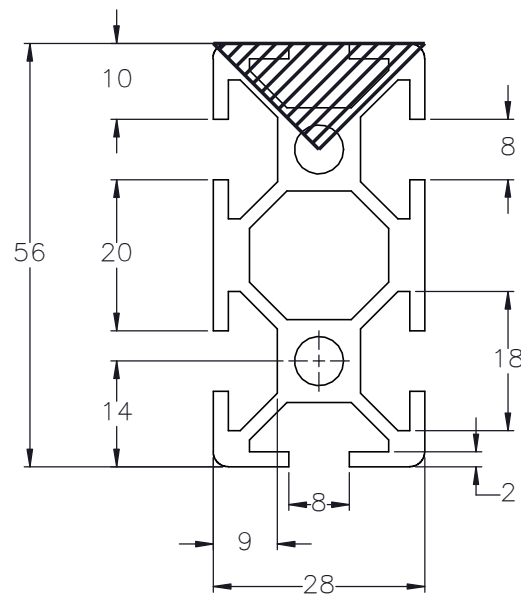DIMENSIONAL LIMITS APPLY AFTER FINISHING
THIRD ANGLE PROJECTION

TITLE:
IPS SINGLEBELT
DRIVE 12

SCALE: 1:1 SHEET SIZE: C

SHEET 1 OF 2 PART NUMBER: iSA-SB1 REV

DOUBLE SHAFTED
PULLEY

2 X M6x1.0 — 6H ⌄ 8

⌀9.53
TYP

22
TYP

46

56

10

8

20

28

4 x CLEARANCE HOLE
FOR AN M4 SCREW

52

56

28

4

4

28

ACTUATOR BODY
T-SLOT MOUNTING
FEATURES

10

8

56

20

18

14

8

9

2

28

DRAWN BY: — —	DATE: DD/MM/YYYY	MATERIAL:	TITLE: IPS SINGLEBELT DRIVE 12
CHECKED BY: — —	DATE: DD/MM/YYYY		
LAST SAVED BY: — —	DATE: DD/MM/YYYY	FINISH:	

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES UNLESS NOTED
OTHERWISE:

.X ± .762
.XX ± .254
.XXX ± .127
ANG ± 0•30'

INDUSTRIAL PROFILE SYSTEMS

SURFACE FINISH

BREAK ALL SHARP EDGES
DIMENSIONAL LIMITS APPLY AFTER FINISHING

THIRD ANGLE PROJECTION

SCALE 1:1   SHEET SIZE C

SHEET 2 OF 2   PART NUMBER iSA-SB1   REV