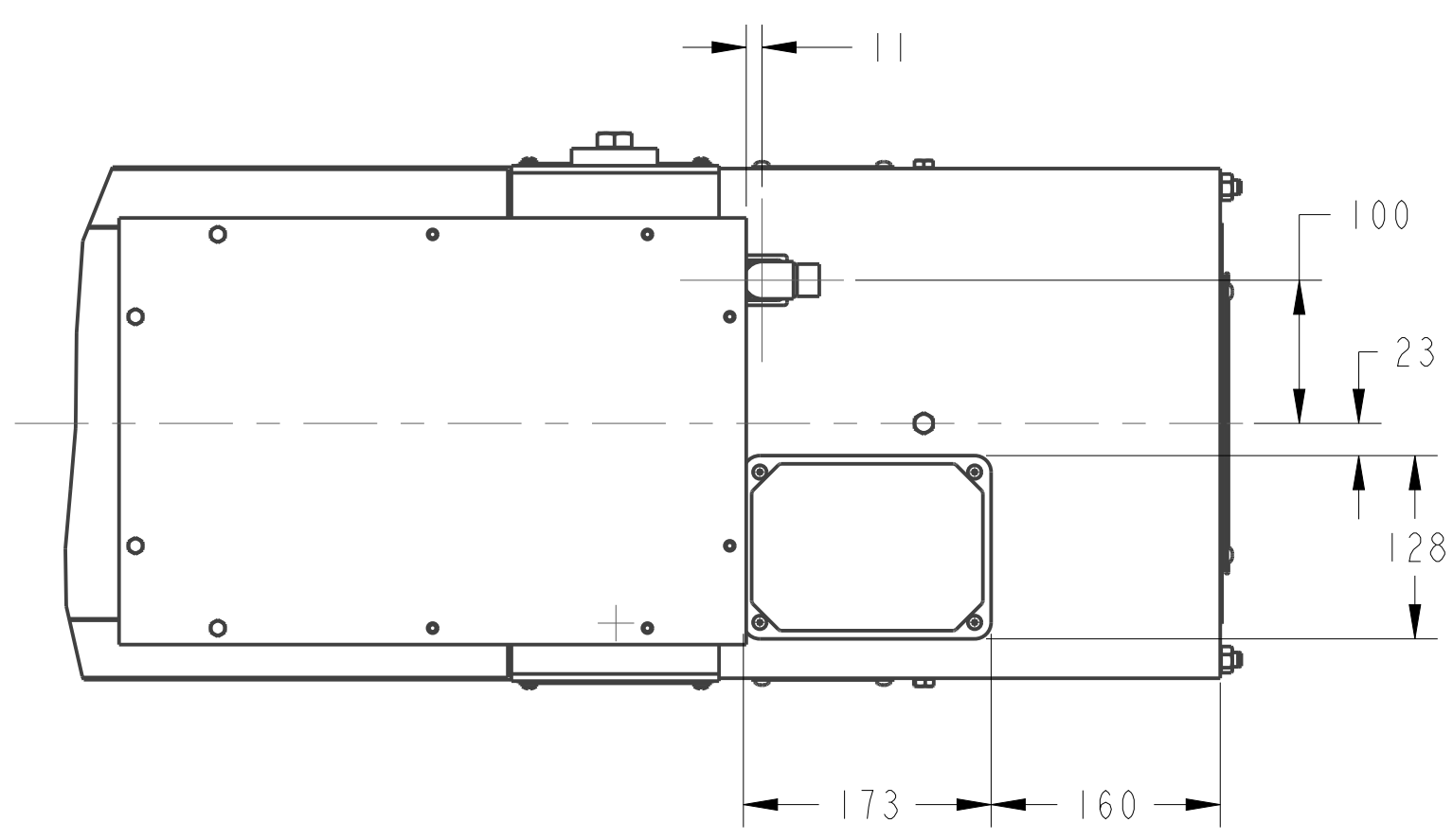
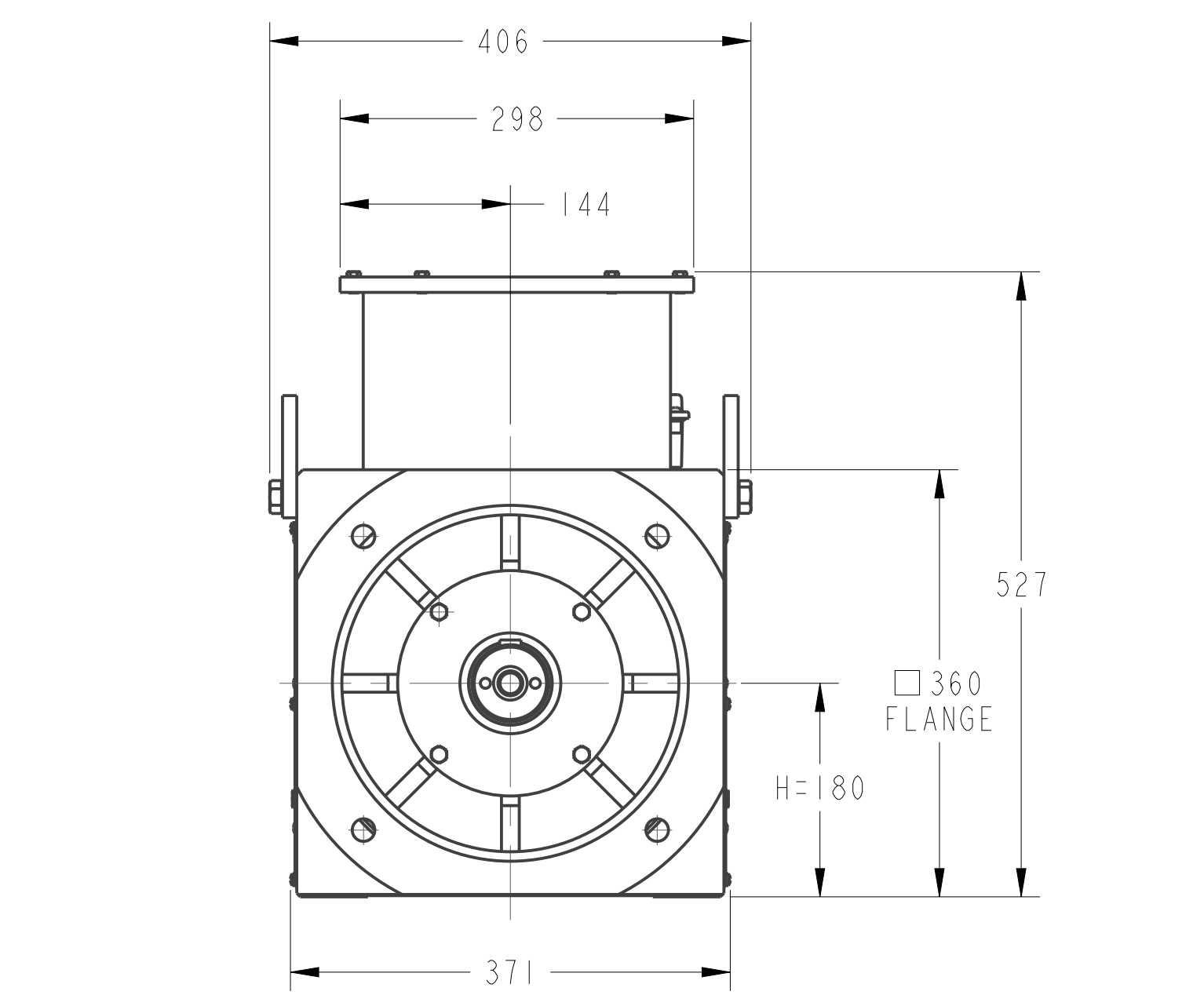
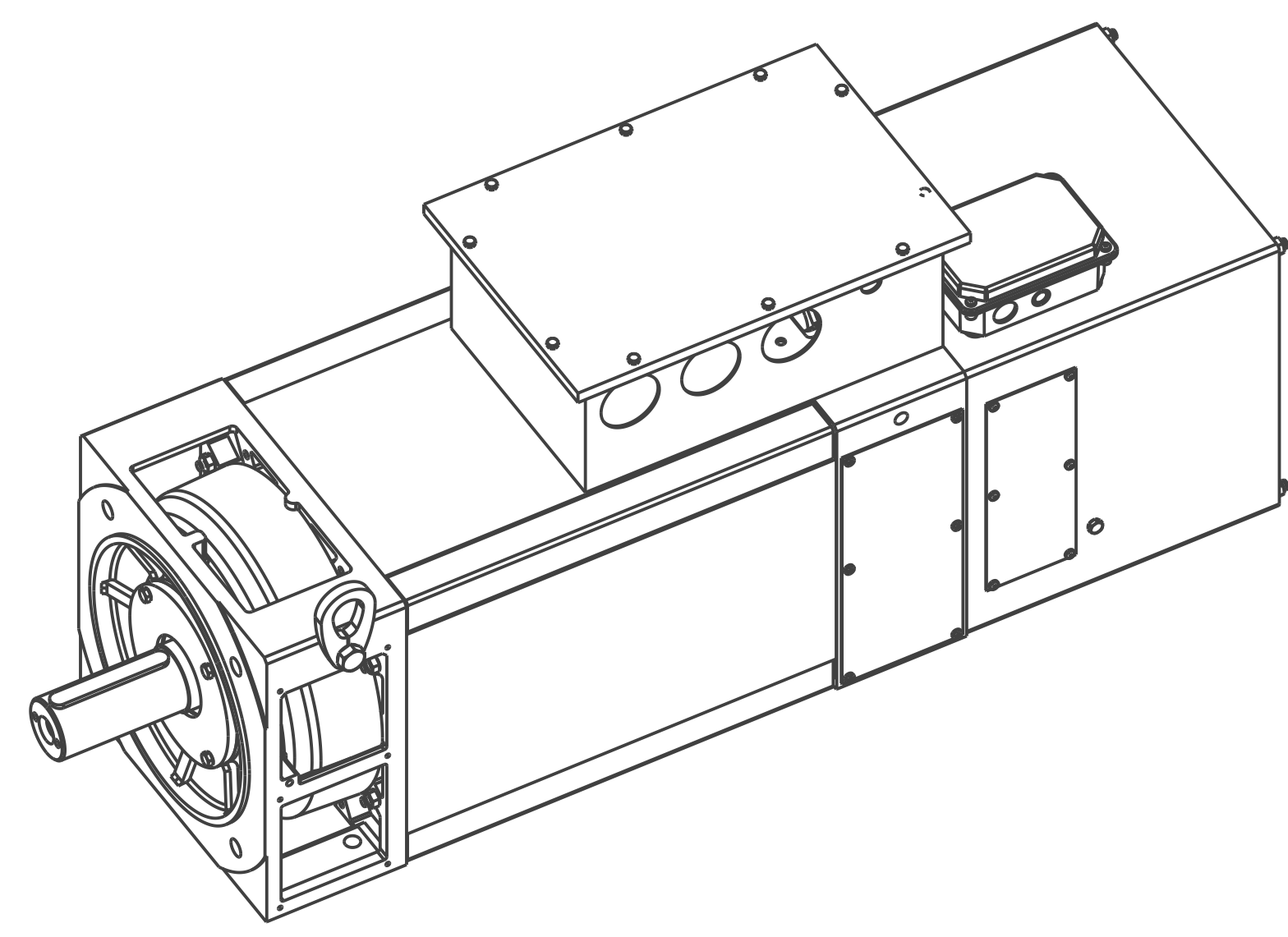
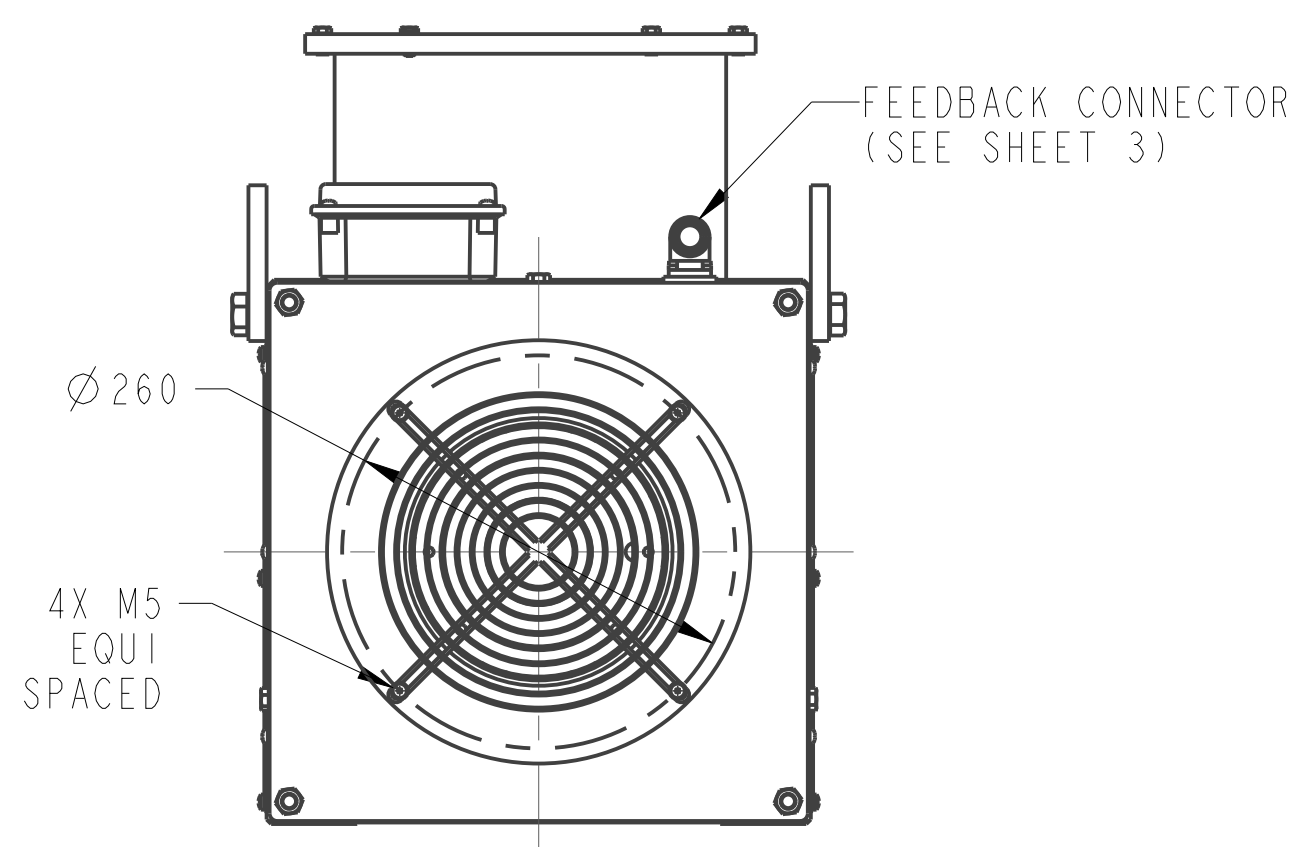
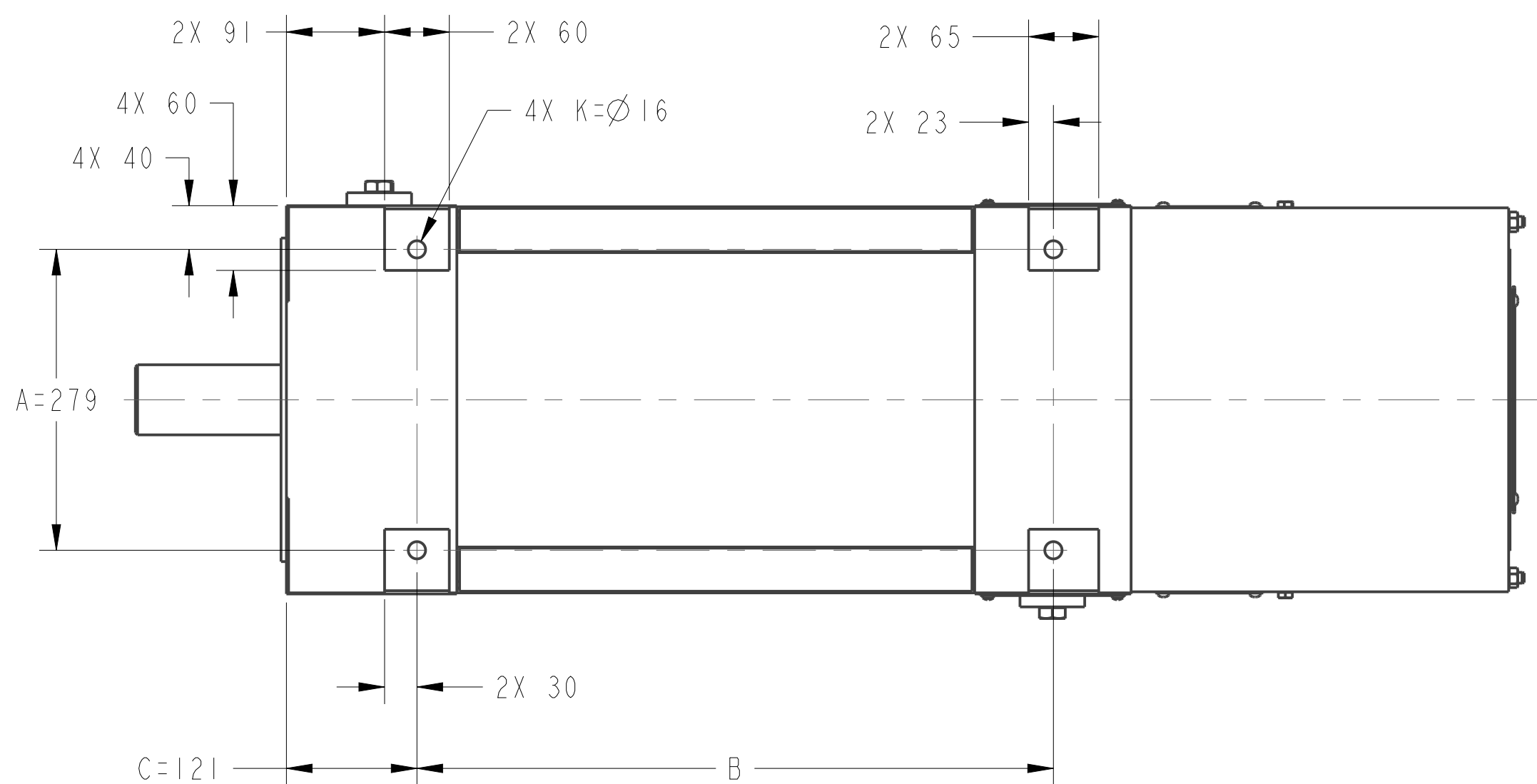
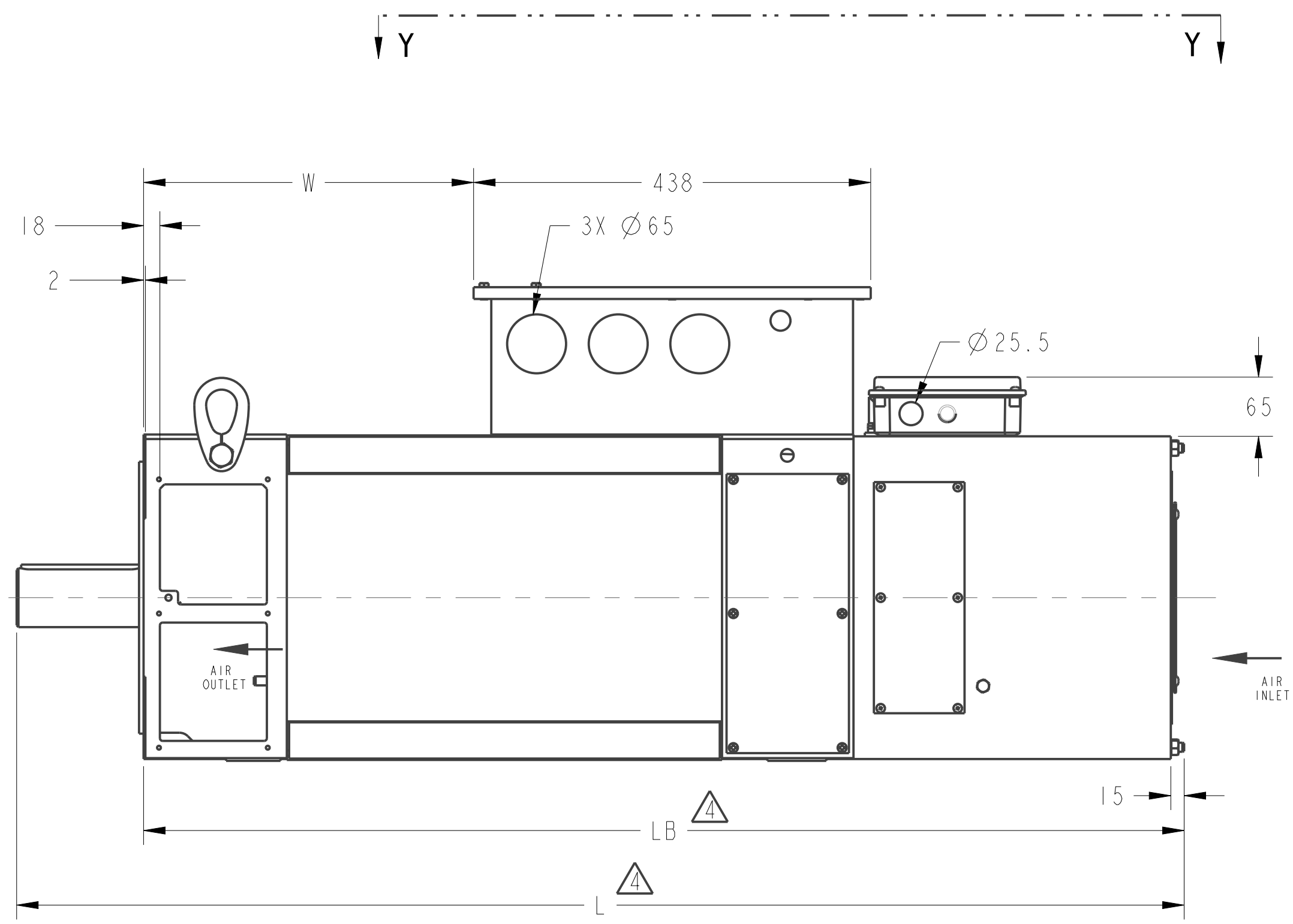




VIEW Y-Y



- NOTES:
1. ALL DIMENSIONS ARE IN MM. AND DIMENSIONS WITHOUT TOLERANCES ARE REFERENCE.
 2. FOR ADDITIONAL SPECIFICATIONS SEE ESE DRAWING DIR 10006268890.
 3. DO NOT SCALE THE DRAWING.
 - 4 FOR ALL MOTORS EXCEPT THOSE WITH NO HOLDING BRAKE, CATALOG OPTION (MMA-B180XXX-XXXX22XXXXXXX) ADD 140MM TO DIMENSION L & LB.
 - 5 REFER SHEET 2 FOR ADDITIONAL DIMENSIONS TABULATION.
 - 6 DEPENDING ON TERMINAL BOX OPTION SELECTED, POSITION OF THE TERMINAL BOXES AND DIRECTION OF CABLE GLAND WILL BE CHANGED.
 7. REFER SHEET 3 FOR TERMINAL BOX CONNECTIONS AND CONNECTOR PIN DETAILS.
 - 8 REFER SHEET 4 FOR RADIAL BLOWER CATALOG OPTION (MMA-B180XXX-XXXXXXCXXXXXX) CONFIGURATION AND DIMENSIONAL CHANGES.

CATALOG (TRUNCATED)	B	L	LR	LB	LBR	W
MMA-B180AXX	400	1100	1075	960	935	174
MMA-B180BXX	520	1220	1195	1080	1055	294
MMA-B180CXX	590	1290	1265	1150	1125	364
MMA-B180DXX	640	1340	1315	1200	1175	414

ALL UNDIMENSIONED GEOMETRIES ARE CONTROLLED BY THE CAD MODEL. IN CASE OF DIMENSION DISCREPANCY, CAD MODEL OVERRIDES.

THIRD ANGLE PROJECTION

Rockwell Automation

DRW,MMA-B180X,KINETIX MOTOR,ESM

CREATED BY:MGANDHI

CHANGED BY:*****

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DATE:2021-08-03

SHEET 1 OF 4

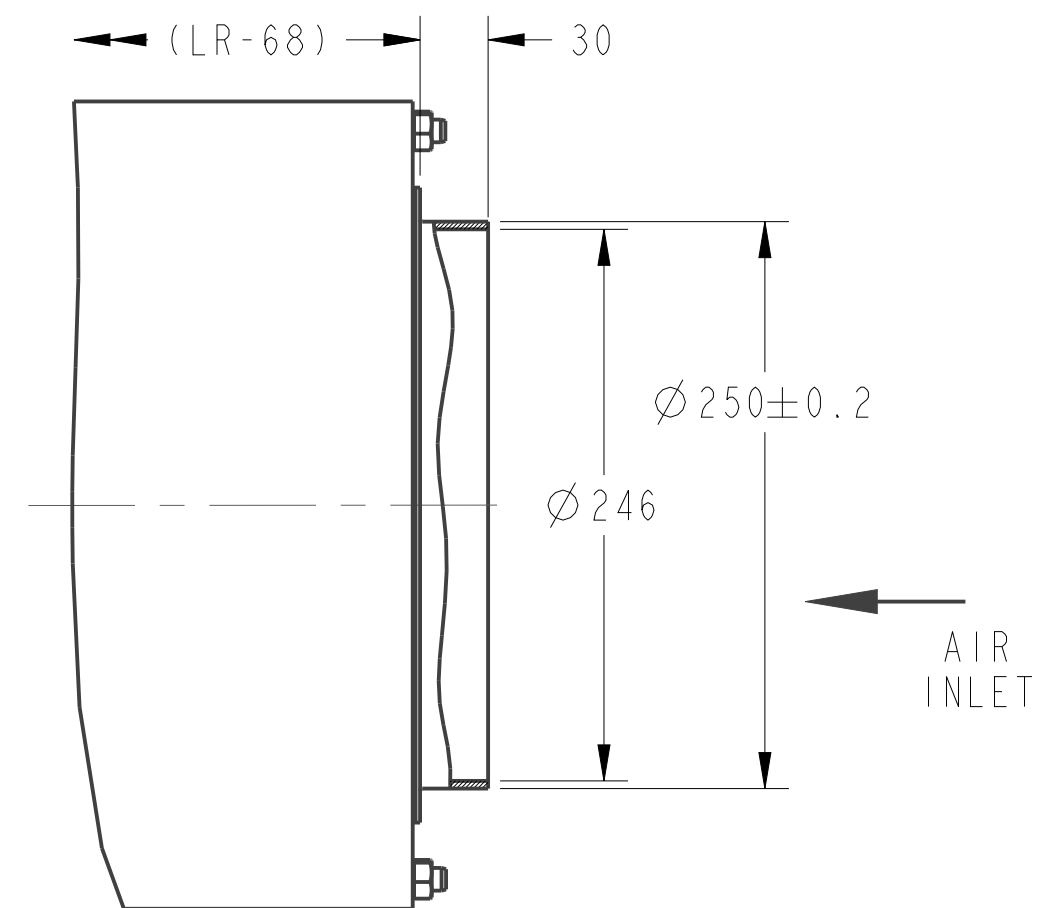
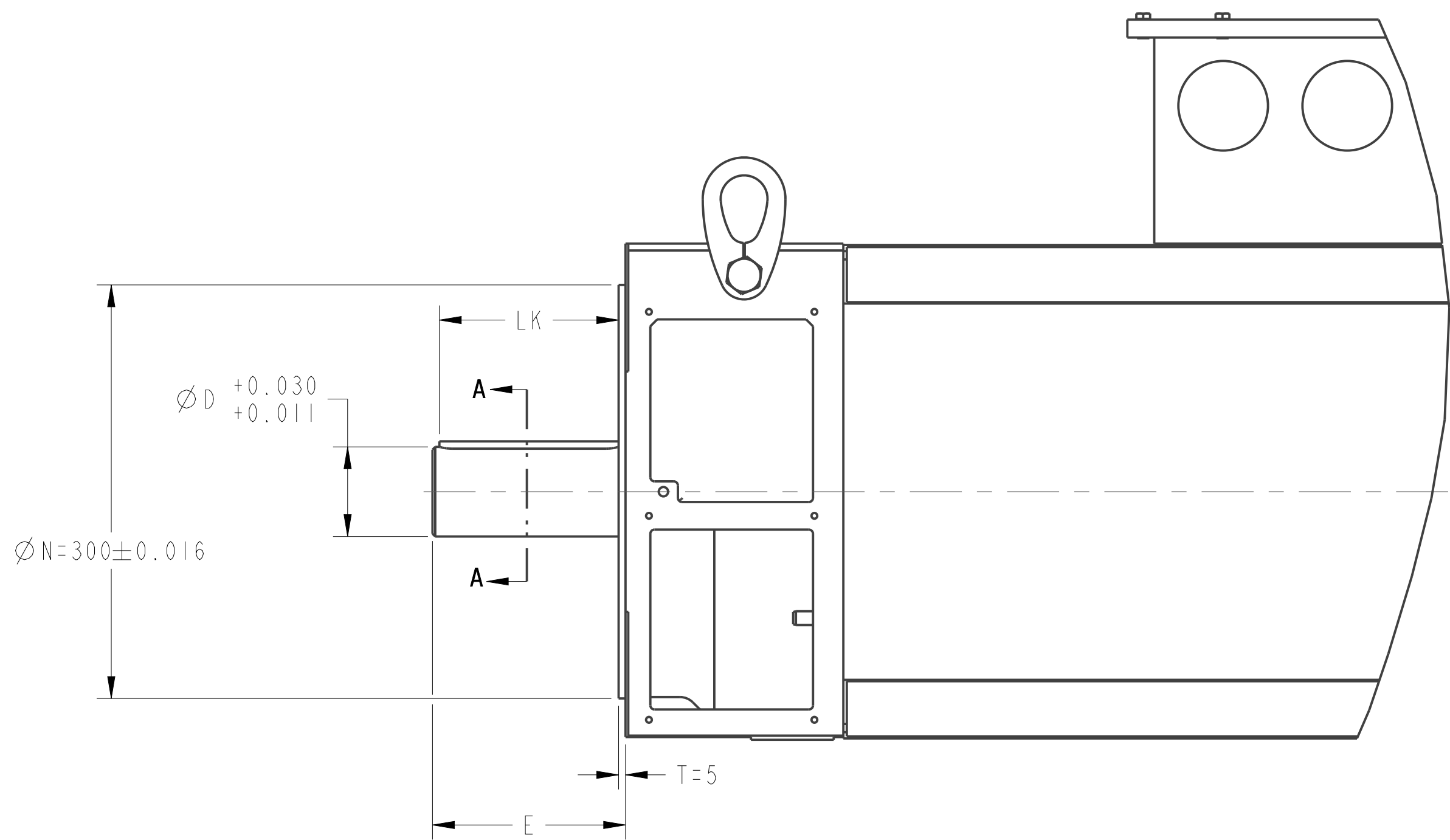
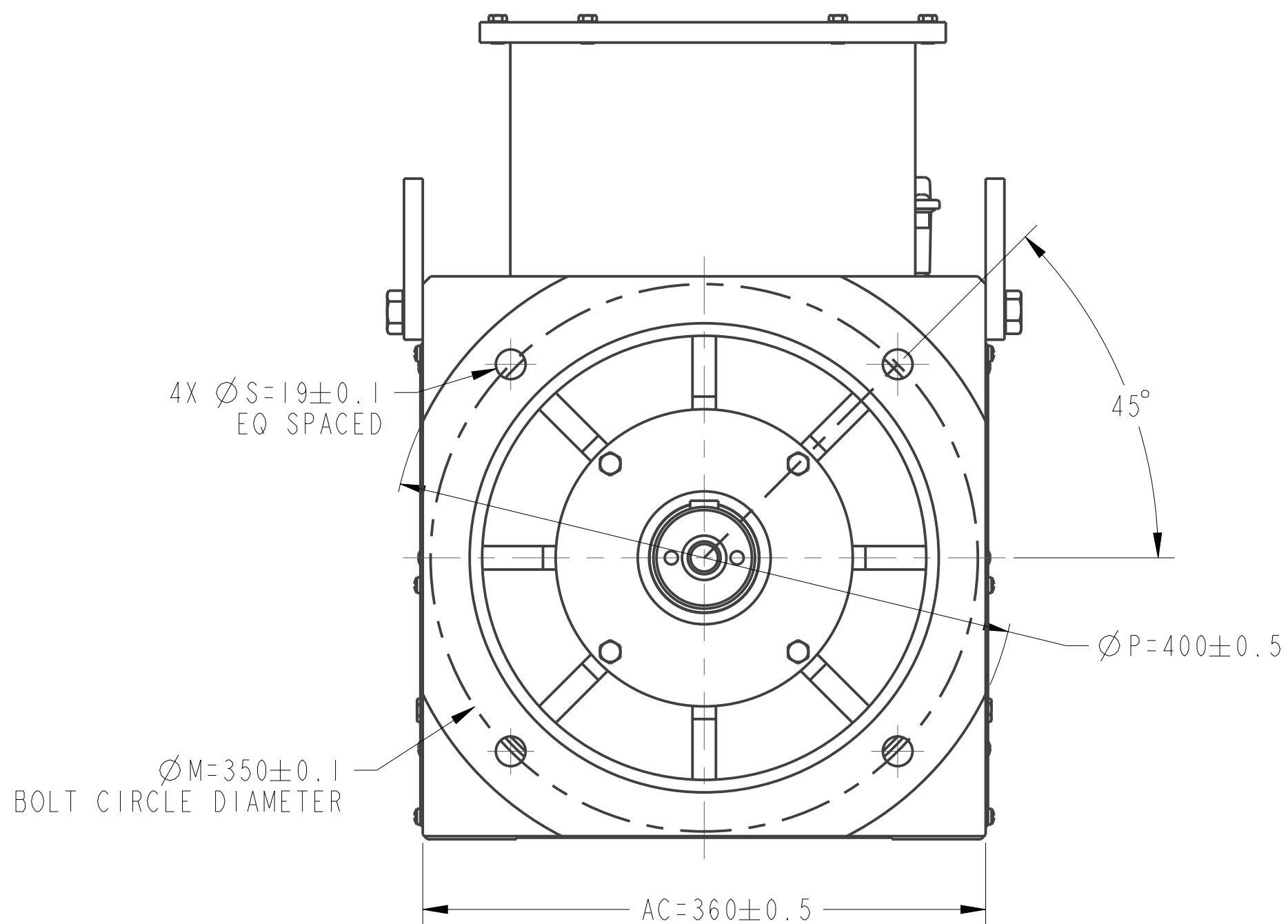
SIZE D1R

VER

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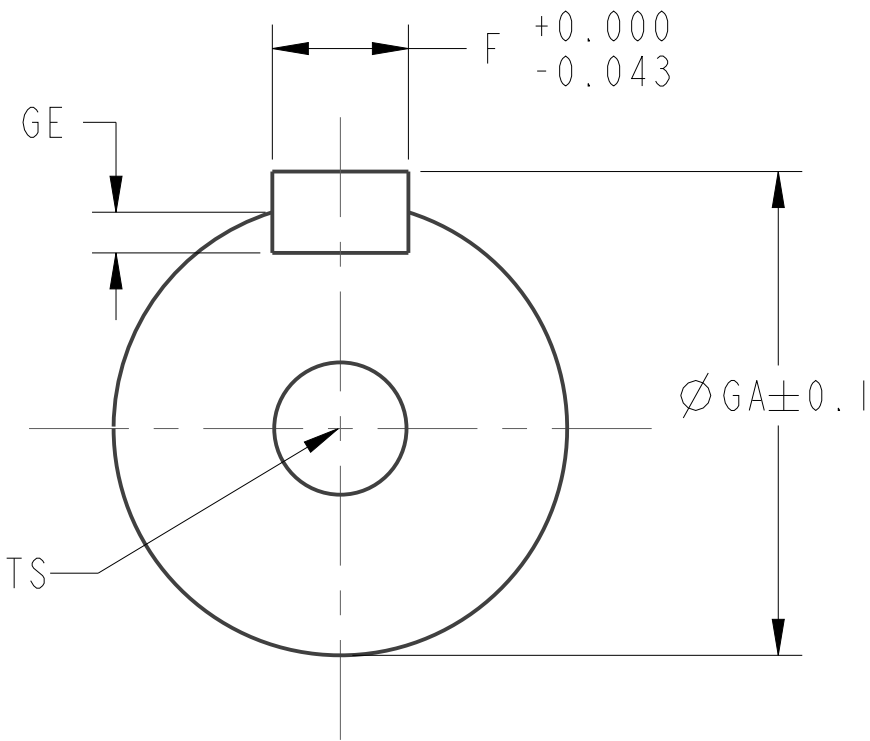
MUST COMPLY WITH ROCKWELL AUTOMATION ENVIRONMENTAL SPECIFICATION 970-20-01



DIMENSIONS
FOR IC17 COOLING OPTION
MMA-B180XXX-XXXXXXDXXXXXX

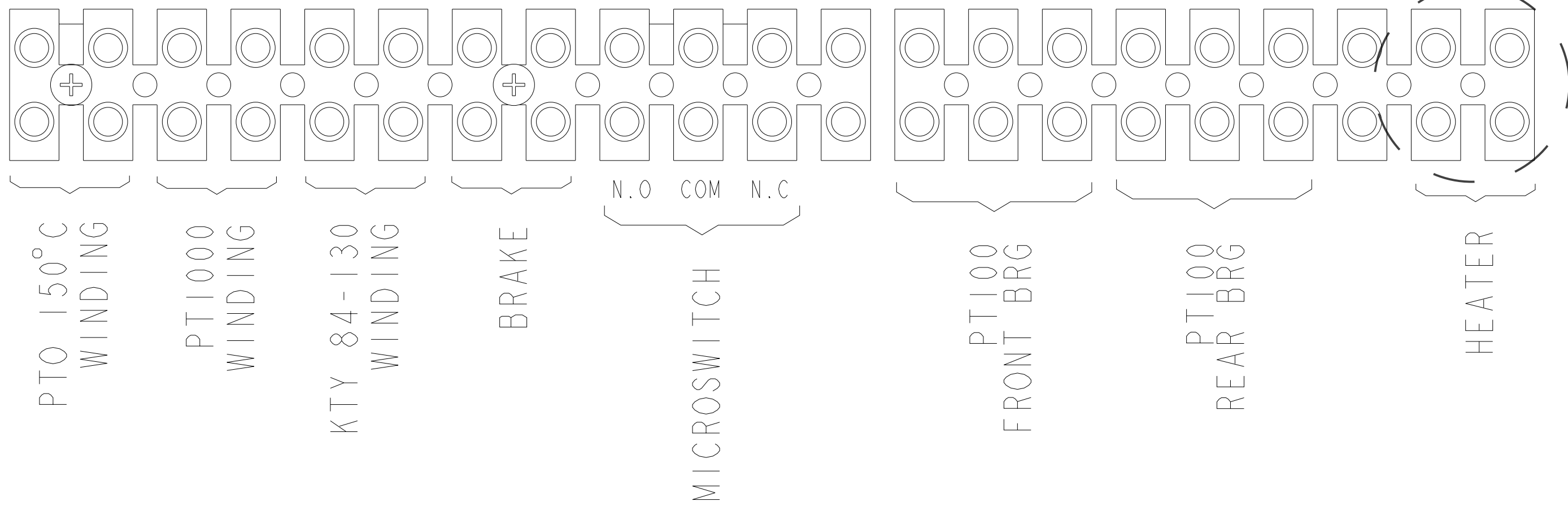
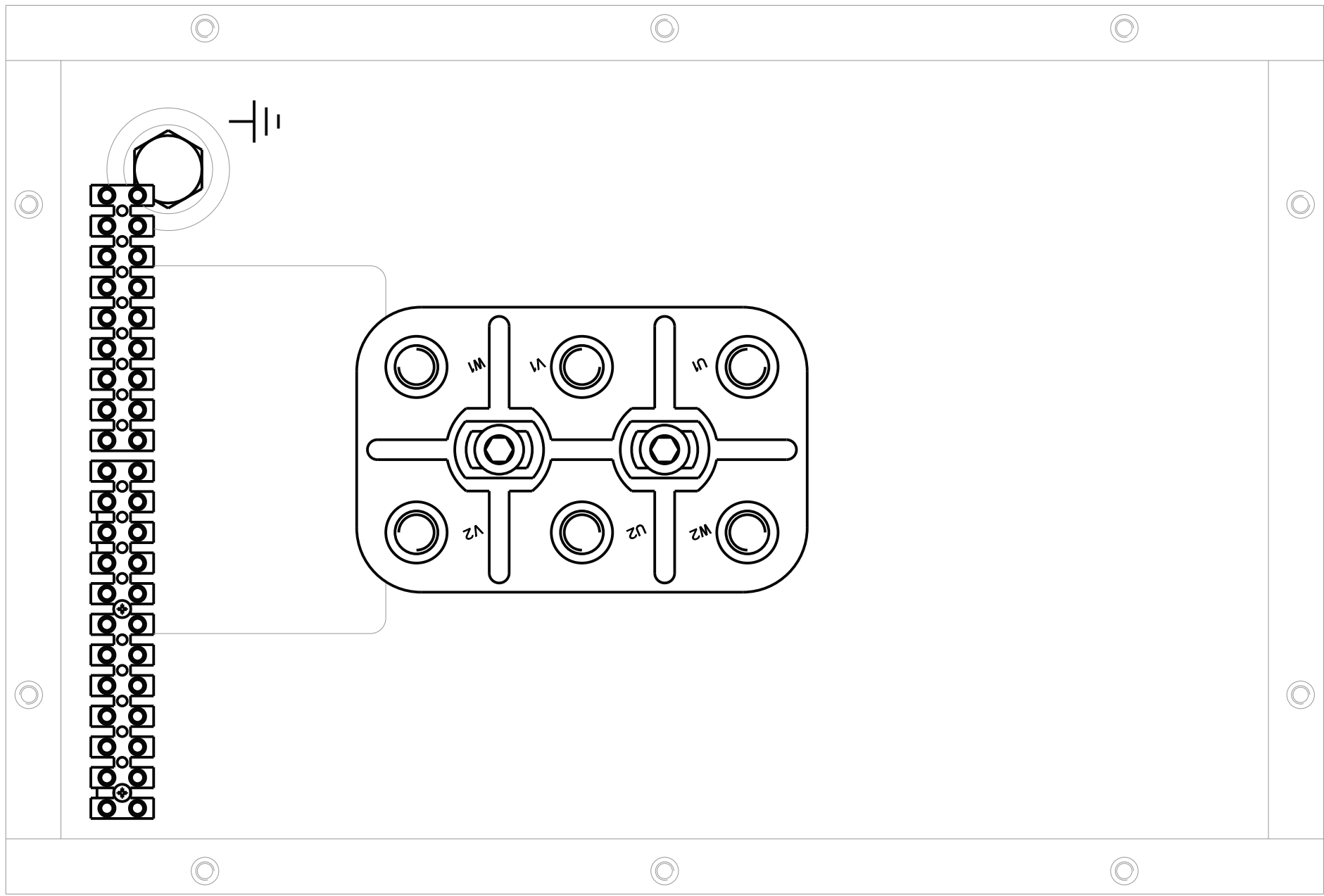
SHAFT AND KEY DIMENSIONS

MOTOR CATALOG (TRUNCATED)	SHAFT OPTIONS SELECTION CODES	KEY WIDTH F	SHAFT WIDTH OVER KEY GA	DEPTH OF KEYWAY GE	KEY LENGTH LK	DIAMETER D	SHAFT LENGTH E	THREAD SIZE TS
MMA-B180AXX-XX□	A,B,C,D	18	64	7	130	60	140	M20
	E,F	NA	NA	NA	NA			
MMA-B180BXX-XX□ MMA-B180CXX-XX□ MMA-B180DXX-XX□	A,B,C,D	18	69	7	130	65	140	M20
	E,F	NA	NA	NA	NA			

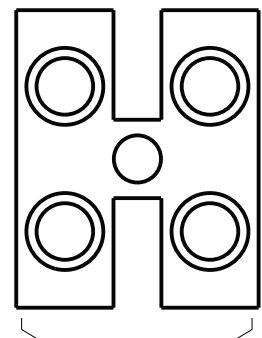
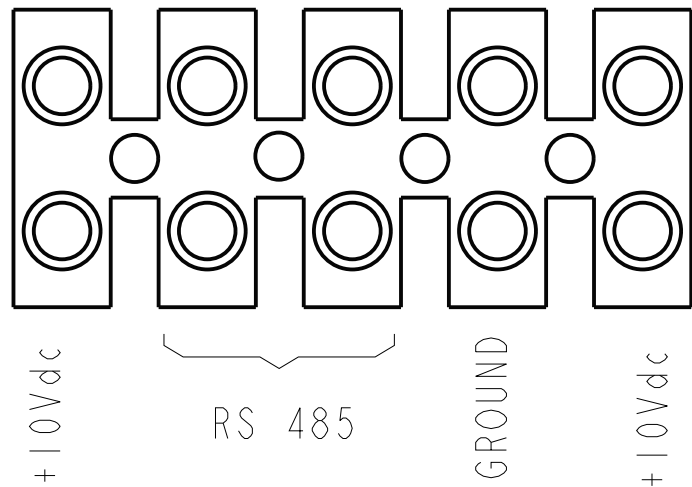
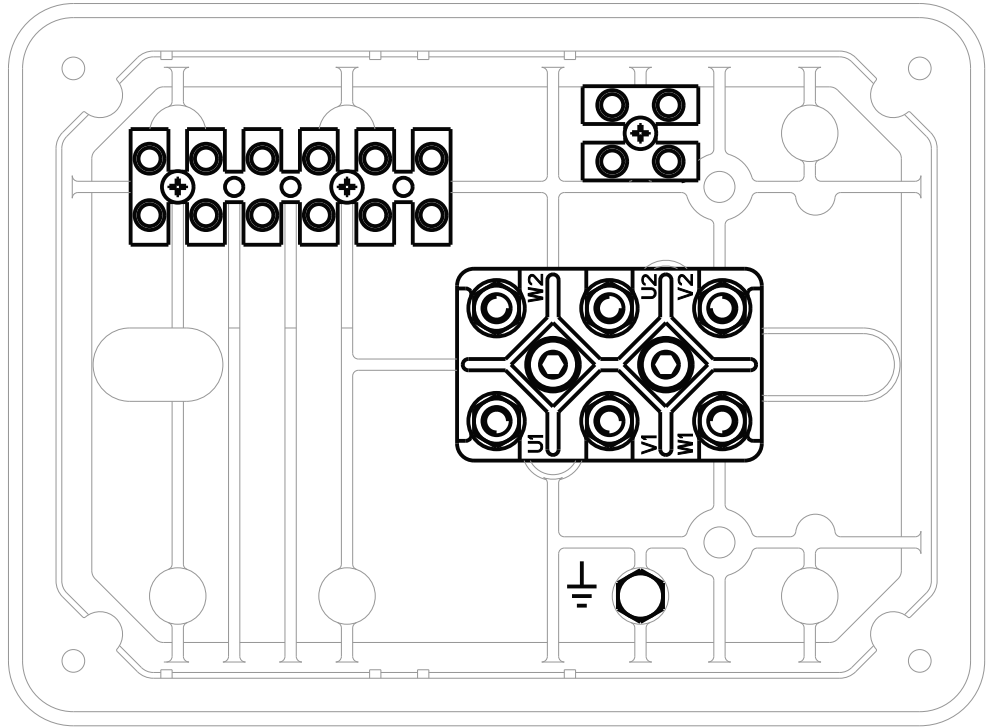


SECTION A-A
SCALE 1000

MOTOR TERMINAL BOX

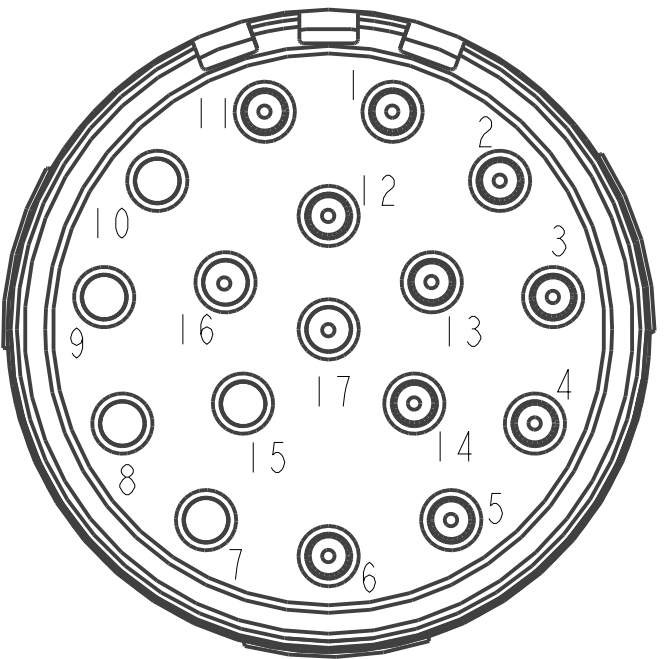


BLOWER TERMINAL BOX
FOR AXIAL BLOWER OPTION
MMA-B180XXX-XXXXXXBXXXXXX



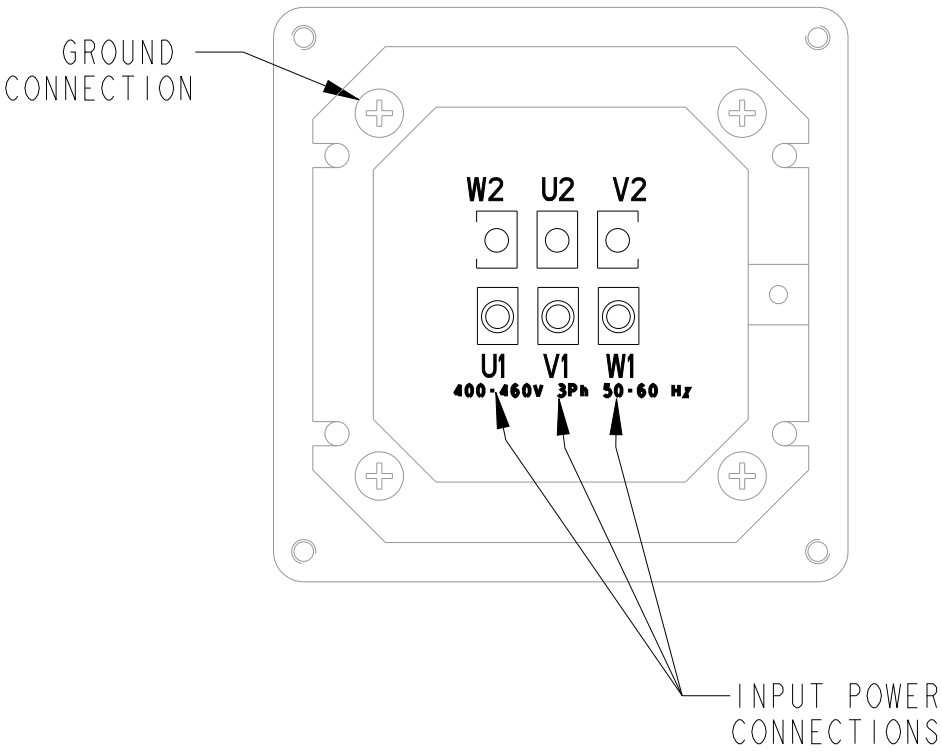
STATUS RELAY
250V 2A

FEEDBACK CONNECTOR

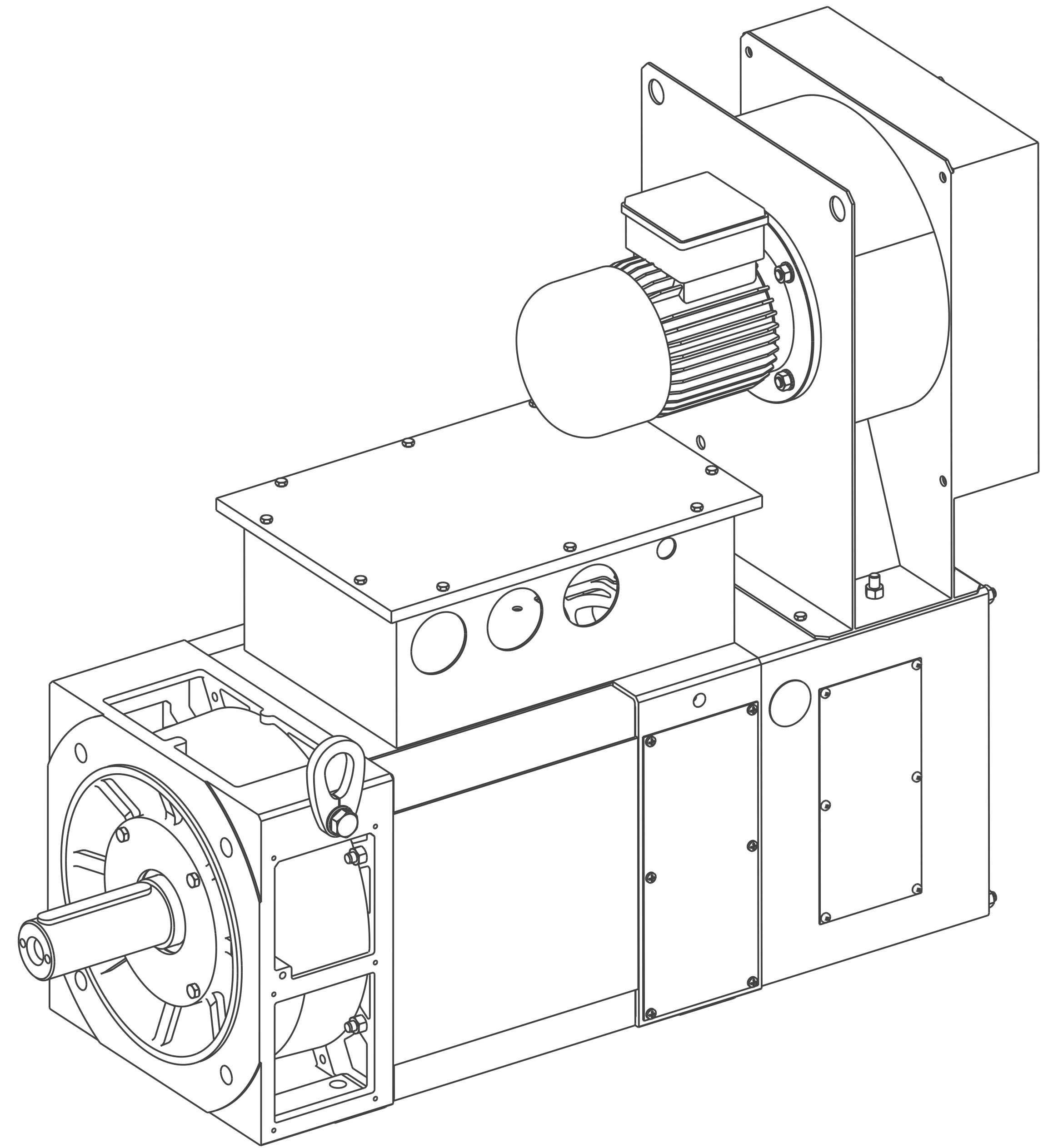
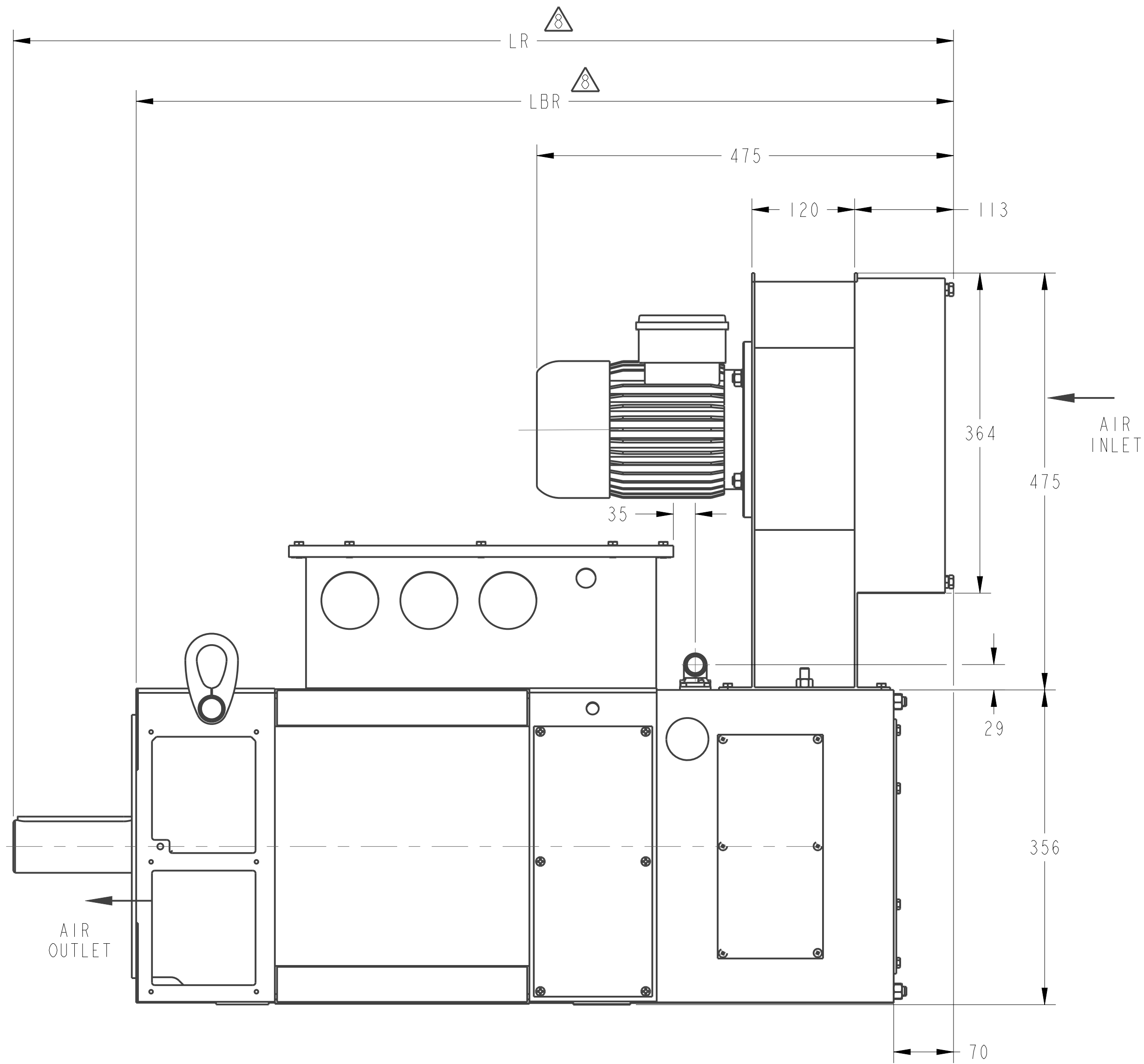
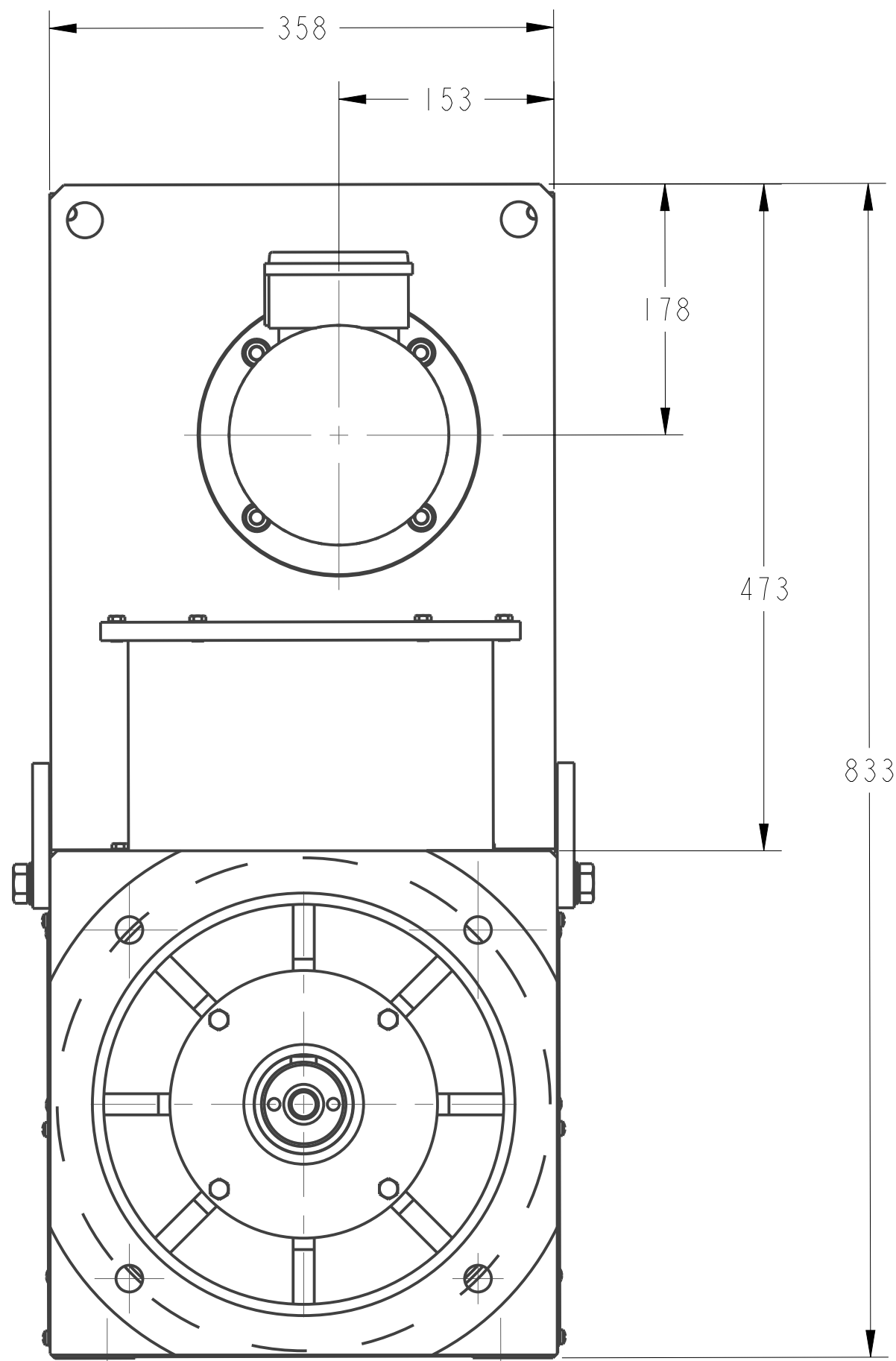


FEEDBACK CONNECTOR	RA CATALOG - ENCODER DESIGNATION			
	L2	S1,S2, M1,M2	S3, M3	S4, M4,
CONTACT NUMBER	VFx60	SF x60 MOTOR, SF x60 SAFETY	ECN413, EQN425	ECN425, EQN437
1	A+	SIN+	SIN+	-
2	A-	SIN-	SIN-	-
3	B+	COS+	COS+	-
4	B-	COS-	COS-	-
5	IM+	DATA+	DATA+	DATA+
6	IM-	DATA-	DATA-	DATA-
7	-	-	CLK+	CLK+
8	-	-	CLK-	CLK-
9	-	-	-	-
10	-	-	-	-
11	EPWR 9V	EPWR 9V	EPWR 9V	EPWR 9V
12	ECOM	ECOM	ECOM	ECOM
13	TS+	TS+	TS+	TS+
14	TS-	TS-	TS-	TS-
15	-	-	-	-
16	PT1	PT1	PT1	PT1
17	PT2	PT2	PT2	PT2

BLOWER TERMINAL BOX
FOR RADIAL BLOWER OPTION
MMA-B180XXX-XXXXXXCXXXXXX



NOTES:
21 DEPENDING ON THE MOTOR CONFIGURATIONS,THE TERMINALS POSITION MAY BE CHANGED OR ELIMINATED



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DRW,MMA-B180X,KINETIX MOTOR,ESM		DATE: 2021-08-03	SHEET 4 OF 4
SIZE: D1R		D	VER
CREATED BY: MGANDHI		CHANGED BY: *****	
		10005836696	00