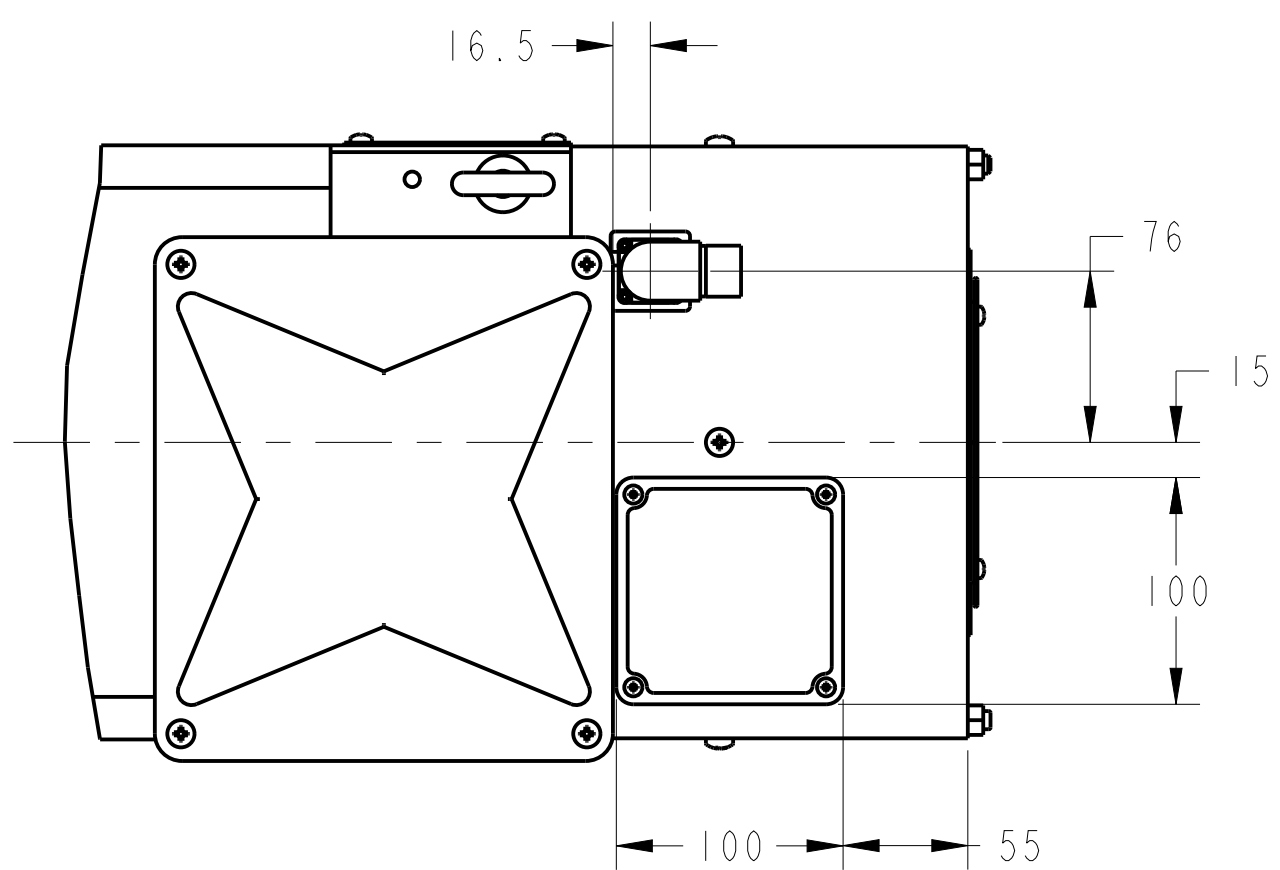
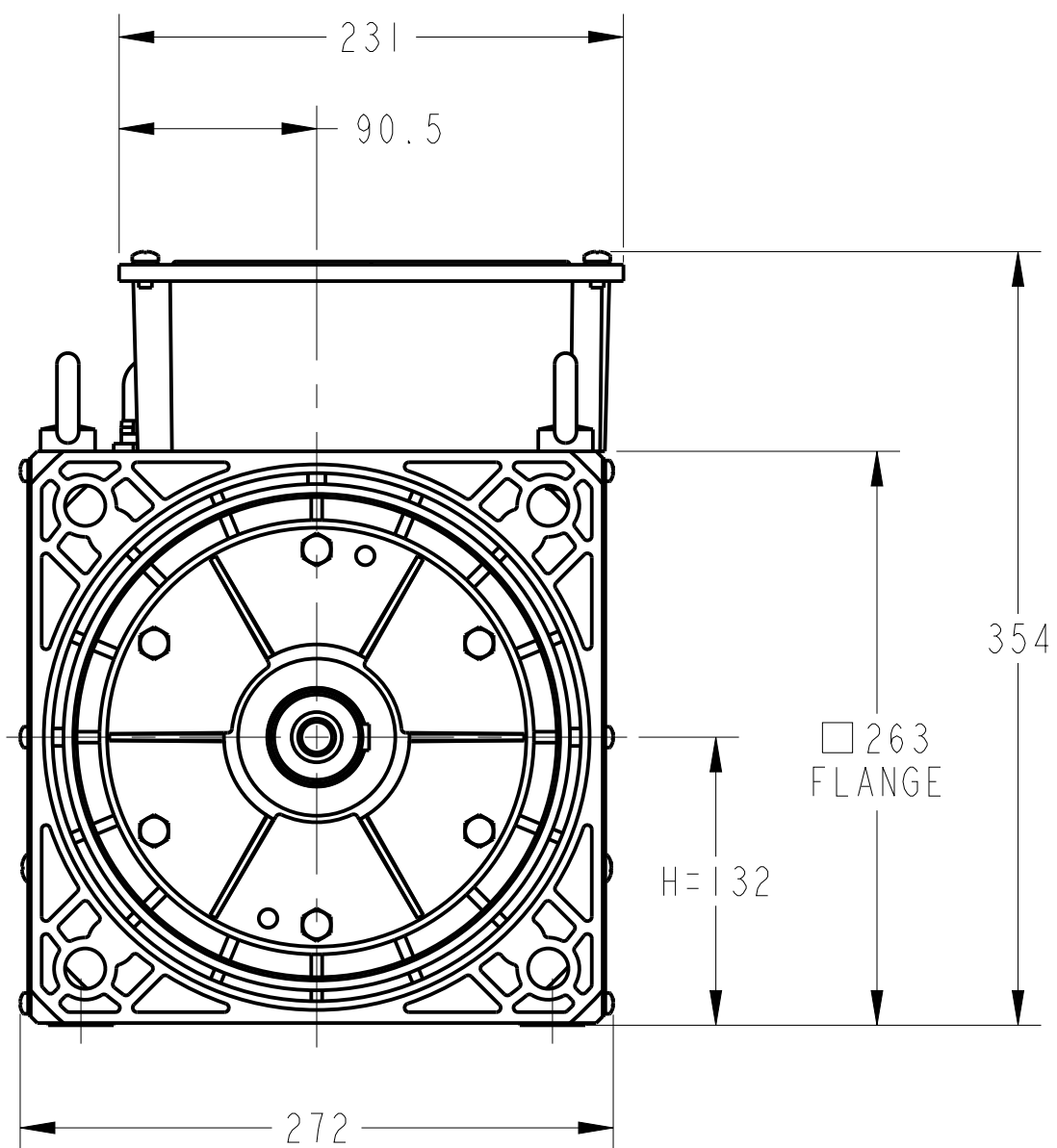
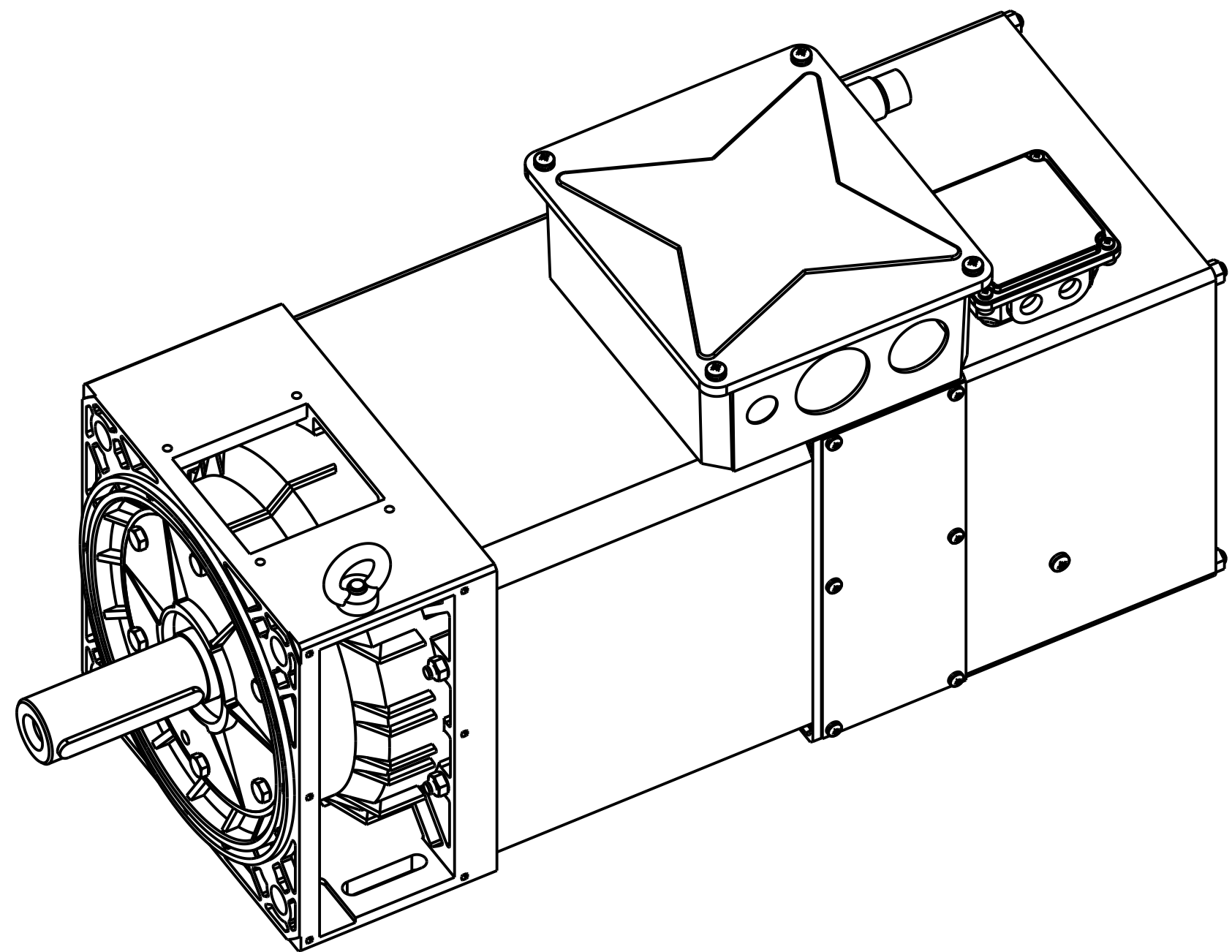
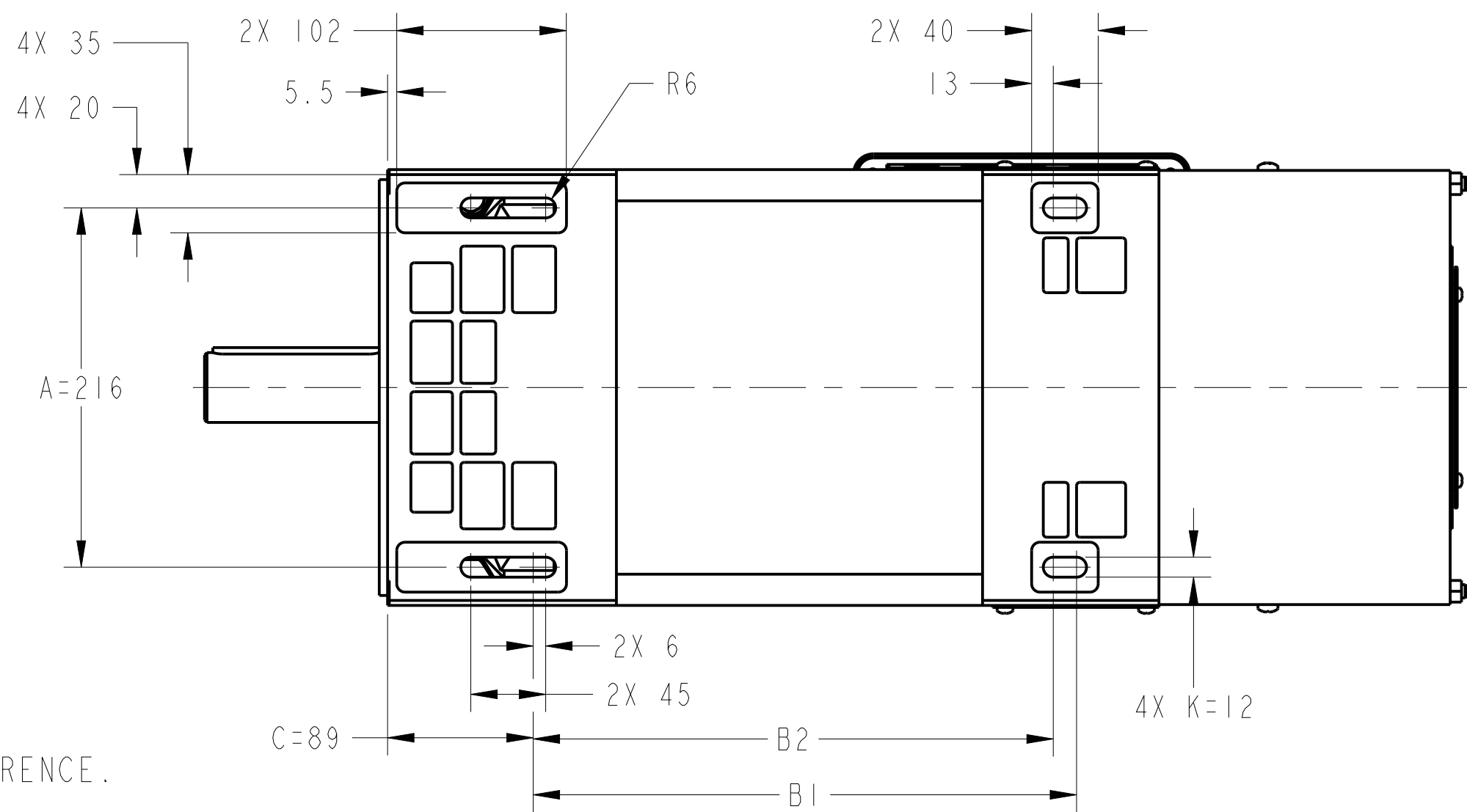
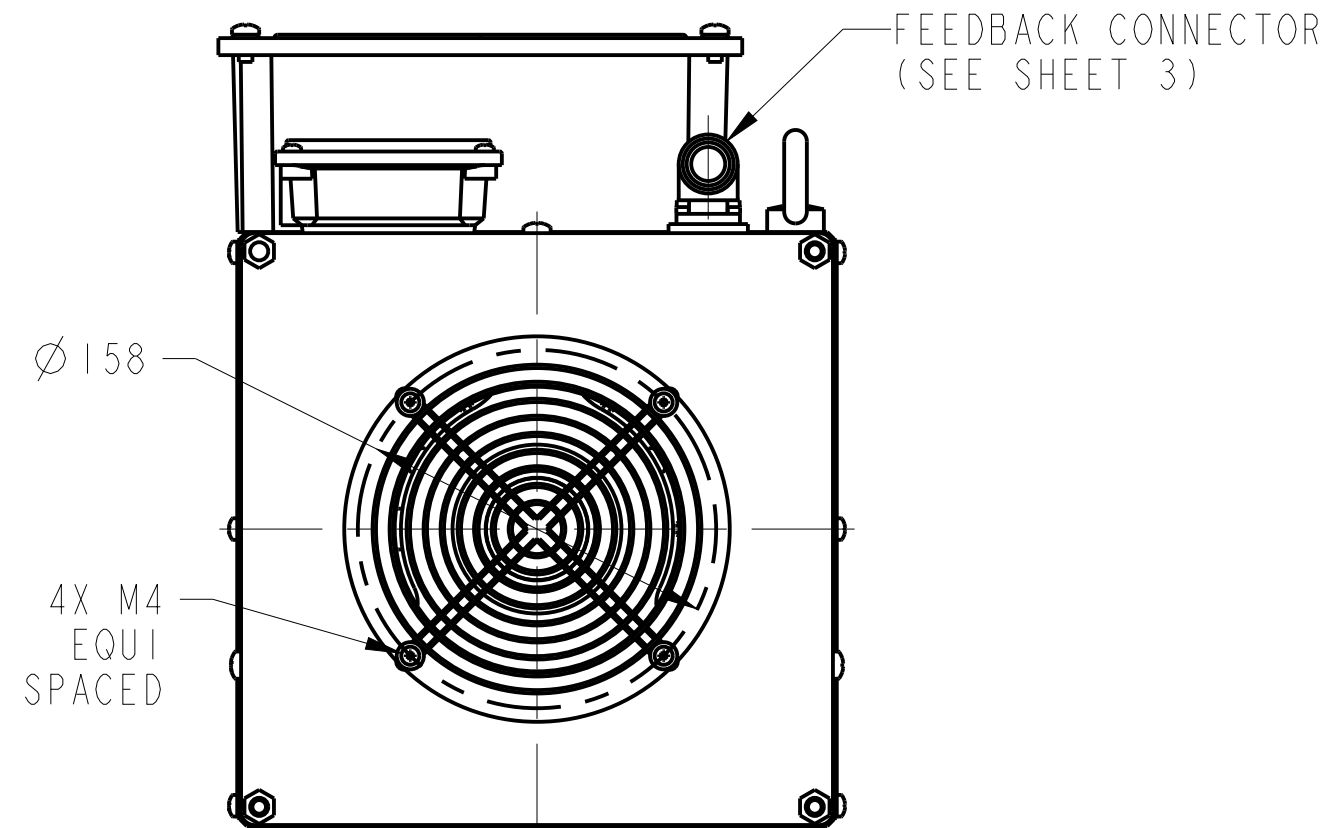
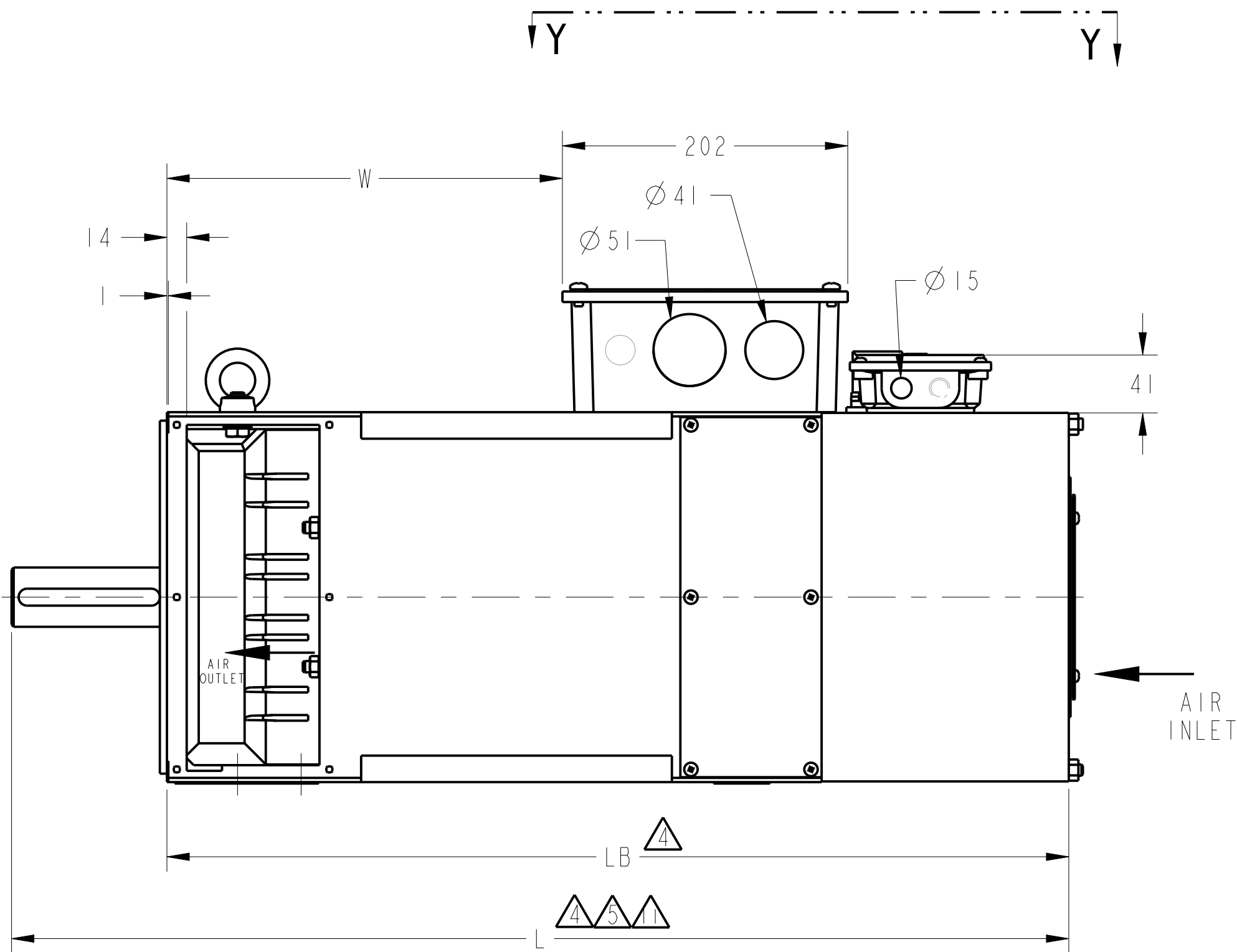




VIEW Y-Y



- 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-BI32XXX-XXXX22XXXXXXX) ADD 115MM 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-BI32XXX-XXXXXXCXXXXXX) CONFIGURATION AND DIMENSIONAL CHANGES.

CATALOG (TRUNCATED)	B2	B1	L	LR	LB	LBR	W
MMA-BI32AXX	236	250	690	690	580	580	205
MMA-BI32BXX	276	290	730	730	620	620	245
MMA-BI32CXX	311	325	765	765	655	655	280
MMA-BI32DXX	341	355	795	795	685	685	310
MMA-BI32EXX	401	415	855	855	745	745	370

ALL UNDIMENSIONED GEOMETRIES ARE CONTROLLED BY THE CAD MODEL. IN CASE OF DIMENSION DISCREPANCY, CAD MODEL OVERRIDES.	THIRD ANGLE PROJECTION	DESCRIPTION	DATE: 2021-08-03	SHEET 1 OF 4
CREATED BY: MGANDHI	CHANGED BY: -	DRW, MMA-BI32X, KINETIX MOTOR, ESM	SIZE: D	VER: 00

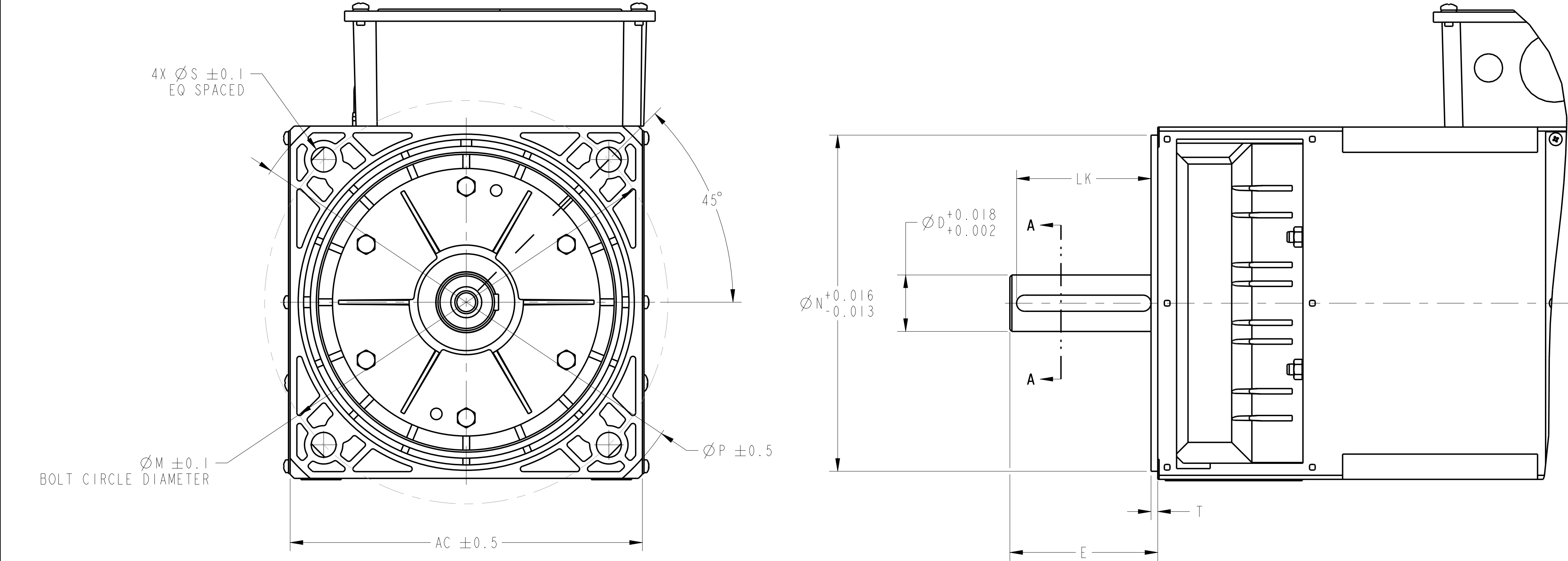
RA

Rockwell Automation

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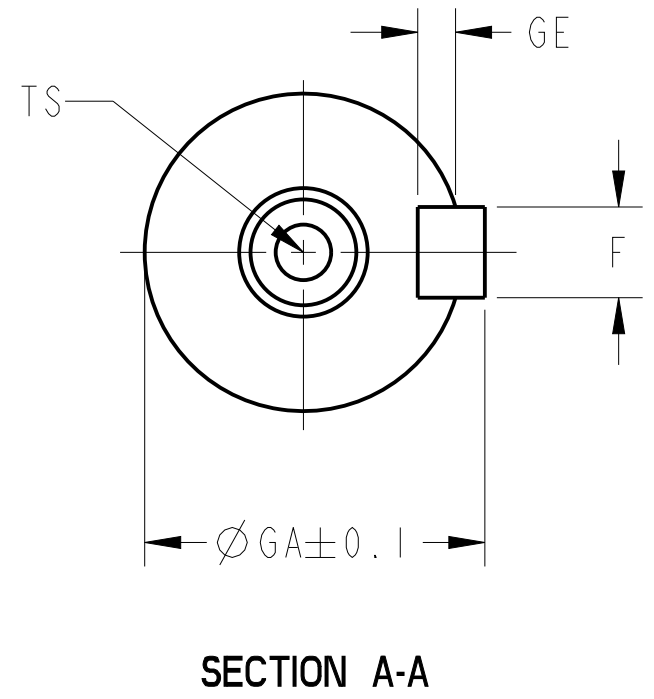
MOTOR FLANGE DIMENSIONS

MOTOR CATALOG (TRUNCATED)	FLANGE OPTIONS SELECTION CODES□	BOLT CIRCLE DIAMETER M	MTG HOLE DIAMETER S	PILOT DIAMETER N	PILOT THICKNESS T	FLANGE WIDTH SQUARE AC	MAX FLANGE OUTER DIAMTER P
MMA-BI32AXX-XXXXXXX□ MMA-BI32BXX-XXXXXXX□ MMA-BI32CXX-XXXXXXX□ MMA-BI32DXX-XXXXXXX□ MMA-BI32EXX-XXXXXXX□	A,B,C,D	300	18.5	250	5	262	350
	H,J,K	265	14.5	230	4	262	300



SHAFT AND KEY DIMENSIONS

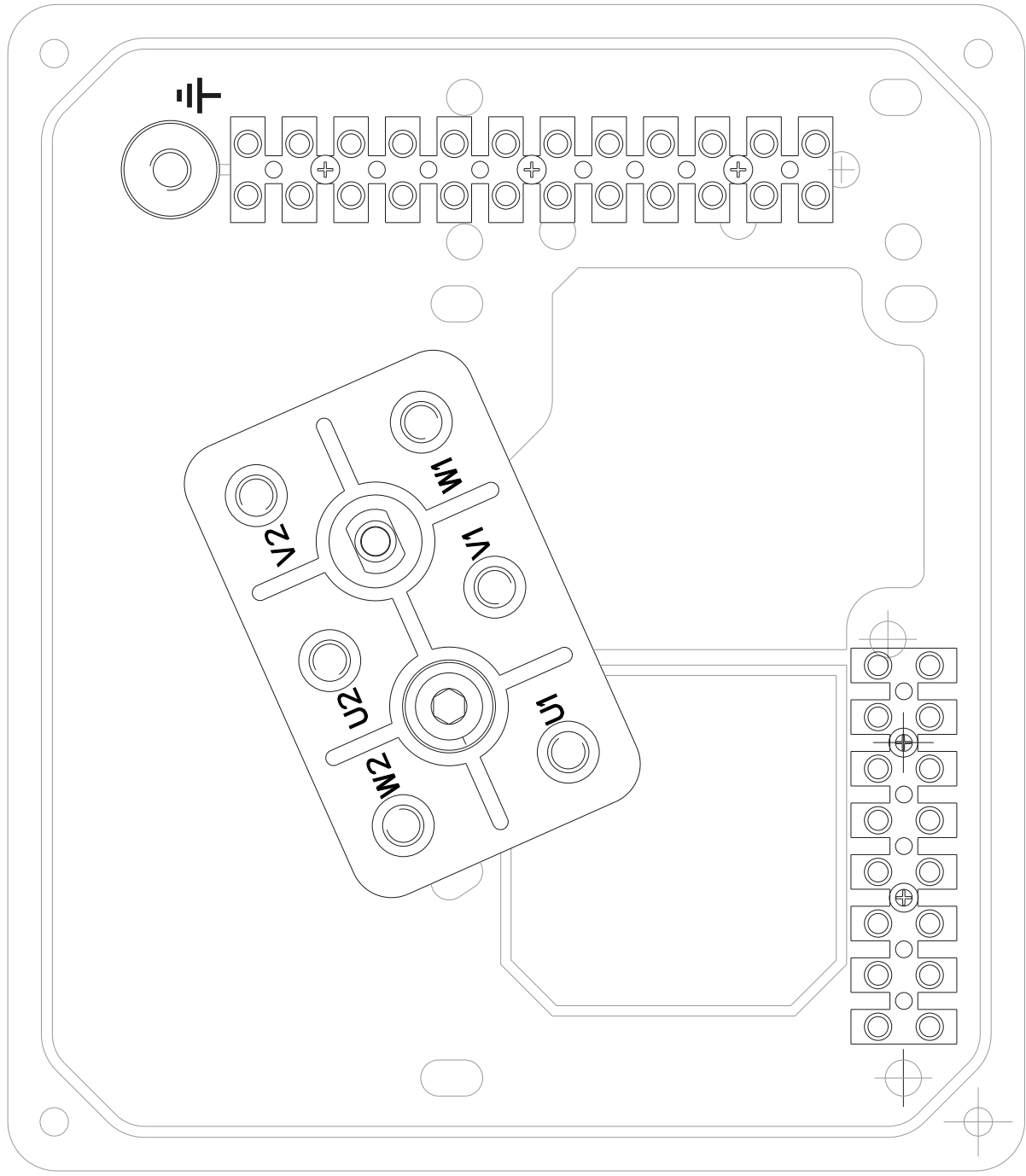
MOTOR CATALOG (TRUNCATED)	SHAFT OPTIONS SELECTION CODES□	KEY WIDTH F	SHAFT WIDTH OVER KEY GA	DEPTH OF KEYWAY GE	KEY LENGTH LK	DIAMETER D	SHAFT LENGTH E	THREAD SIZE TS
MMA-BI32AXX-XX□ MMA-BI32BXX-XX□ MMA-BI32CXX-XX□	A,B,C,D	12 ^{+0.000} / _{-0.043}	45	5	100	42	110	M16
	E,F	NA	NA	NA	NA			
MMA-BI32DXX-XX□ MMA-BI32EXX-XX□	A,B,C,D	14 ^{+0.000} / _{-0.043}	51.5	5.5	100	48	110	M20
	E,F	NA	NA	NA	NA			
MMA-BI32AXX-XX□ MMA-BI32BXX-XX□ MMA-BI32CXX-XX□	G,H,J,K	14 ^{+0.000} / _{-0.043}	51.5	5.5	100	48	110	M20
	L,M	NA	NA	NA	NA			
MMA-BI32AXX-XX□ MMA-BI32BXX-XX□ MMA-BI32CXX-XX□	N,P,Q,R	10 ^{+0.000} / _{-0.036}	41	5	70	38	80	M12
	S,T	NA	NA	NA	NA			
MMA-BI32DXX-XX□ MMA-BI32EXX-XX□	N,P,Q,R	12 ^{+0.000} / _{-0.043}	45	5	100	42	110	M16
	S,T	NA	NA	NA	NA			



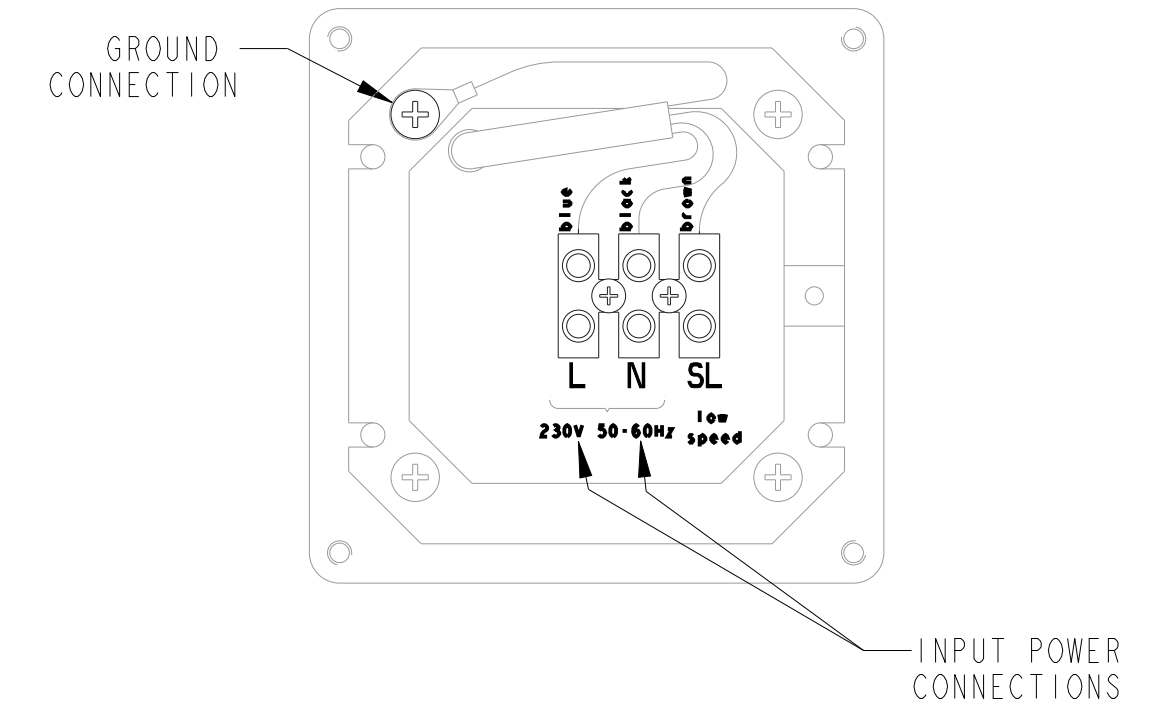
DIMENSIONS
FOR IC17 COOLING OPTION
MMA-BI32XXX-XXXXXXDXXXXXX

NOTES:
△ FOR MMA-BI32A, MMA-BI32B, MMA-BI32C MOTORS, WHEN REDUCED SHAFT OPTION SELECTED (SHAFT CODES: N,P,Q,R,S,T) LENGTH "L" AND "LR" IS REDUCED BY 30 MM.

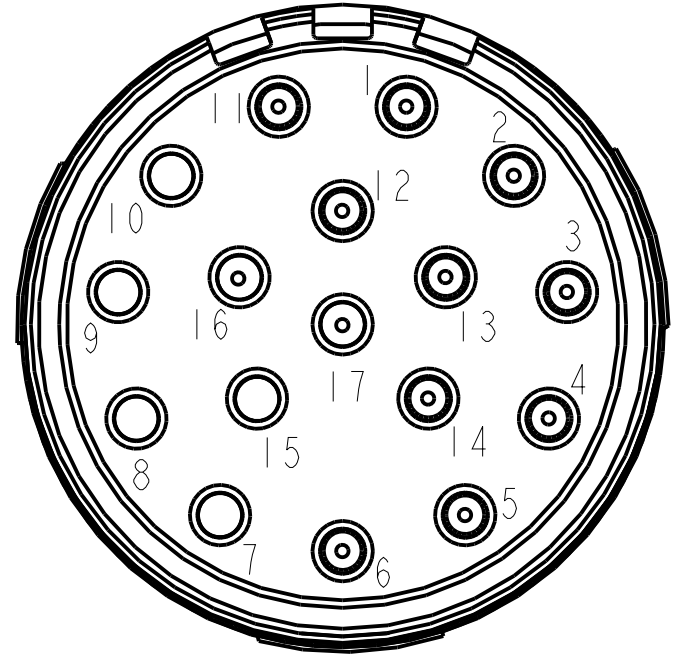
MOTOR TERMINAL BOX



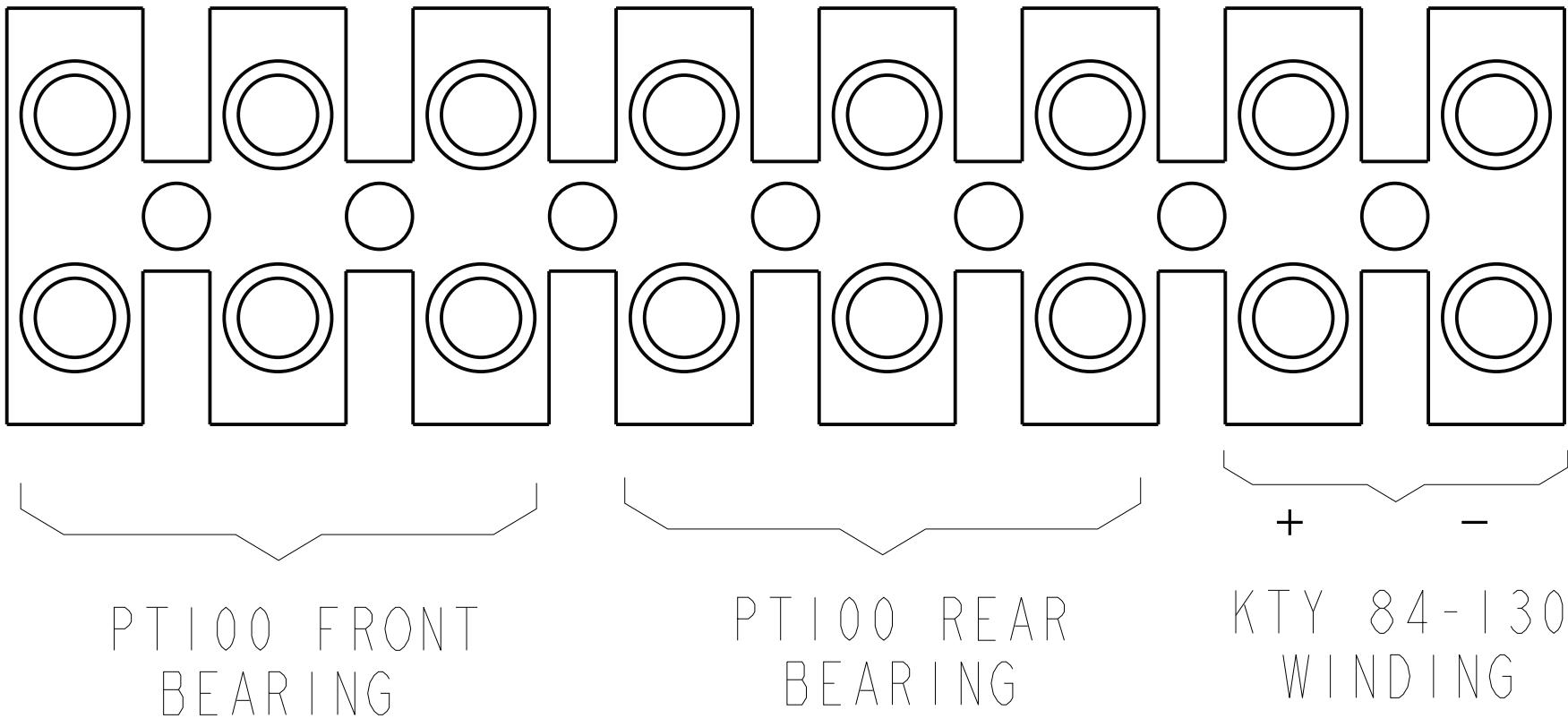
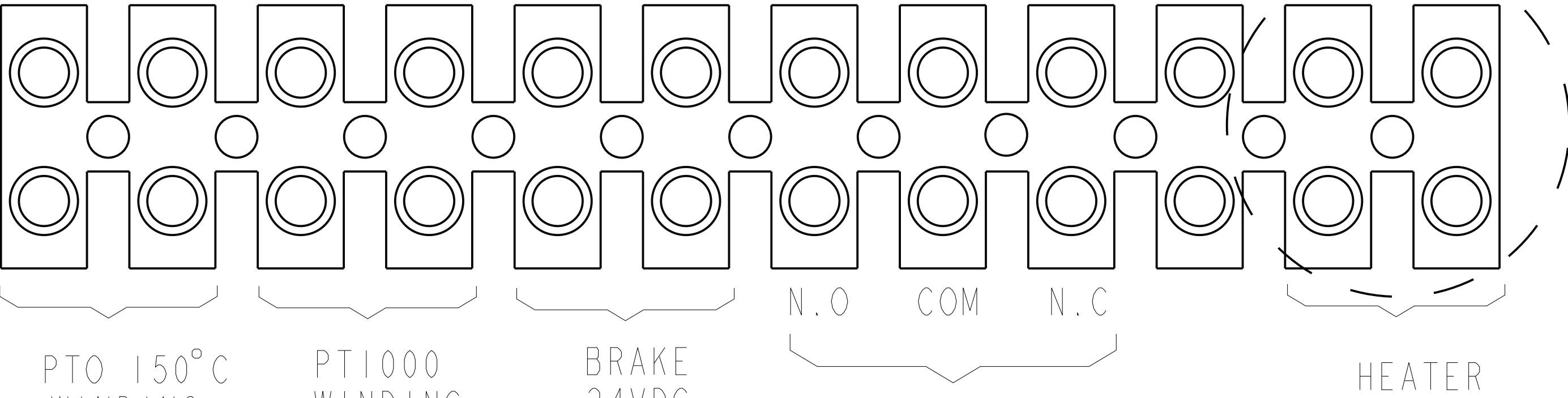
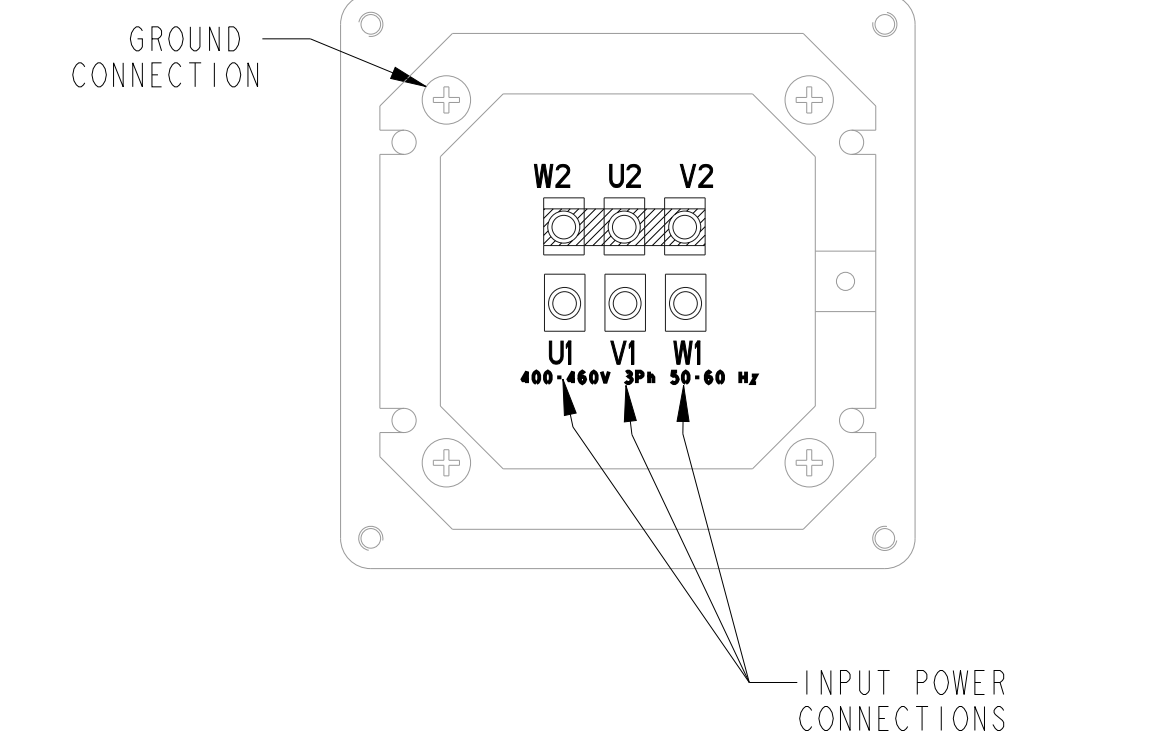
BLOWER TERMINAL BOX
FOR SINGLE PHASE BLOWER OPTION
MMA-BI32XXX-XXXXXXAXXXXXX



FEEDBACK CONNECTOR

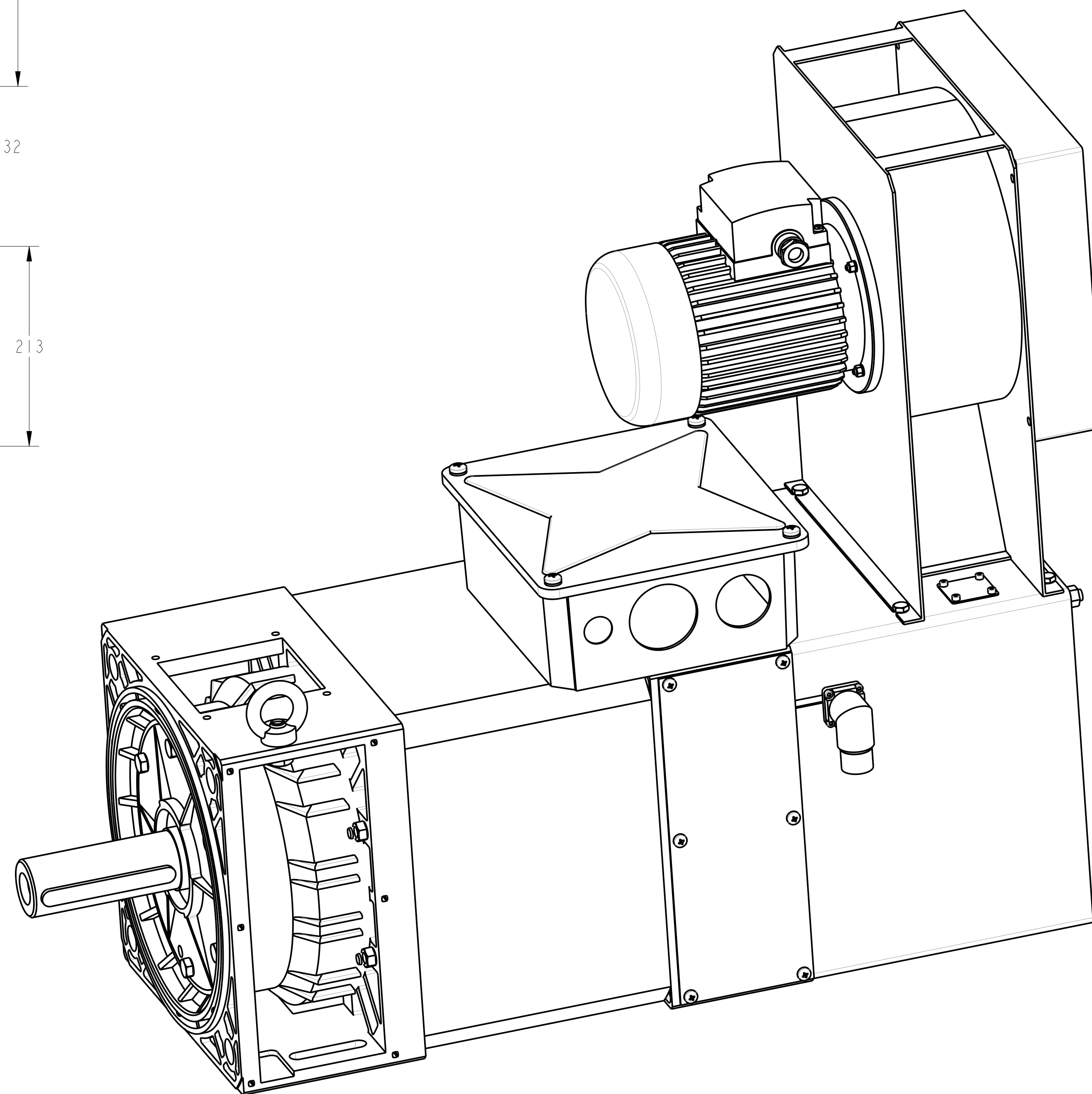
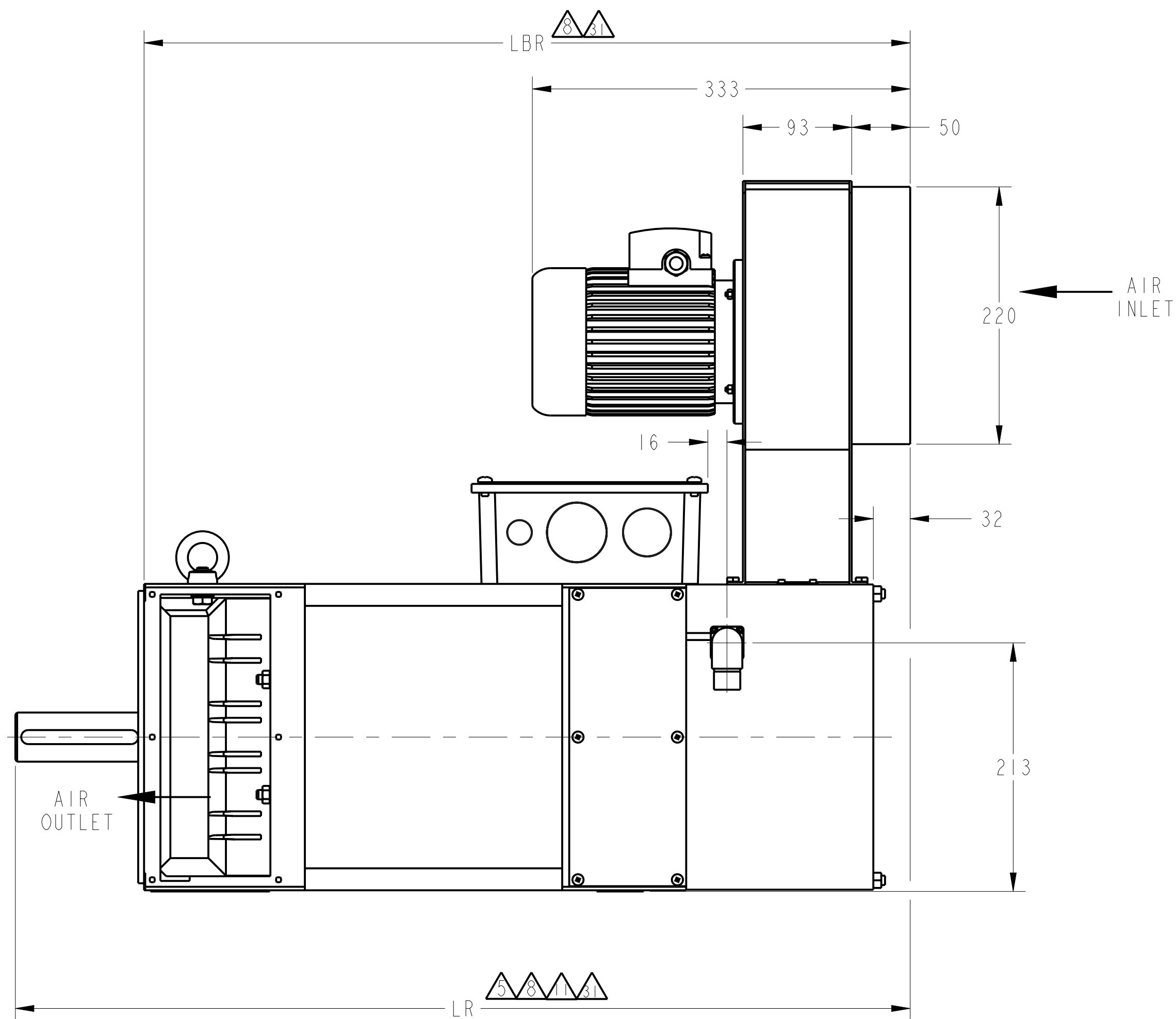
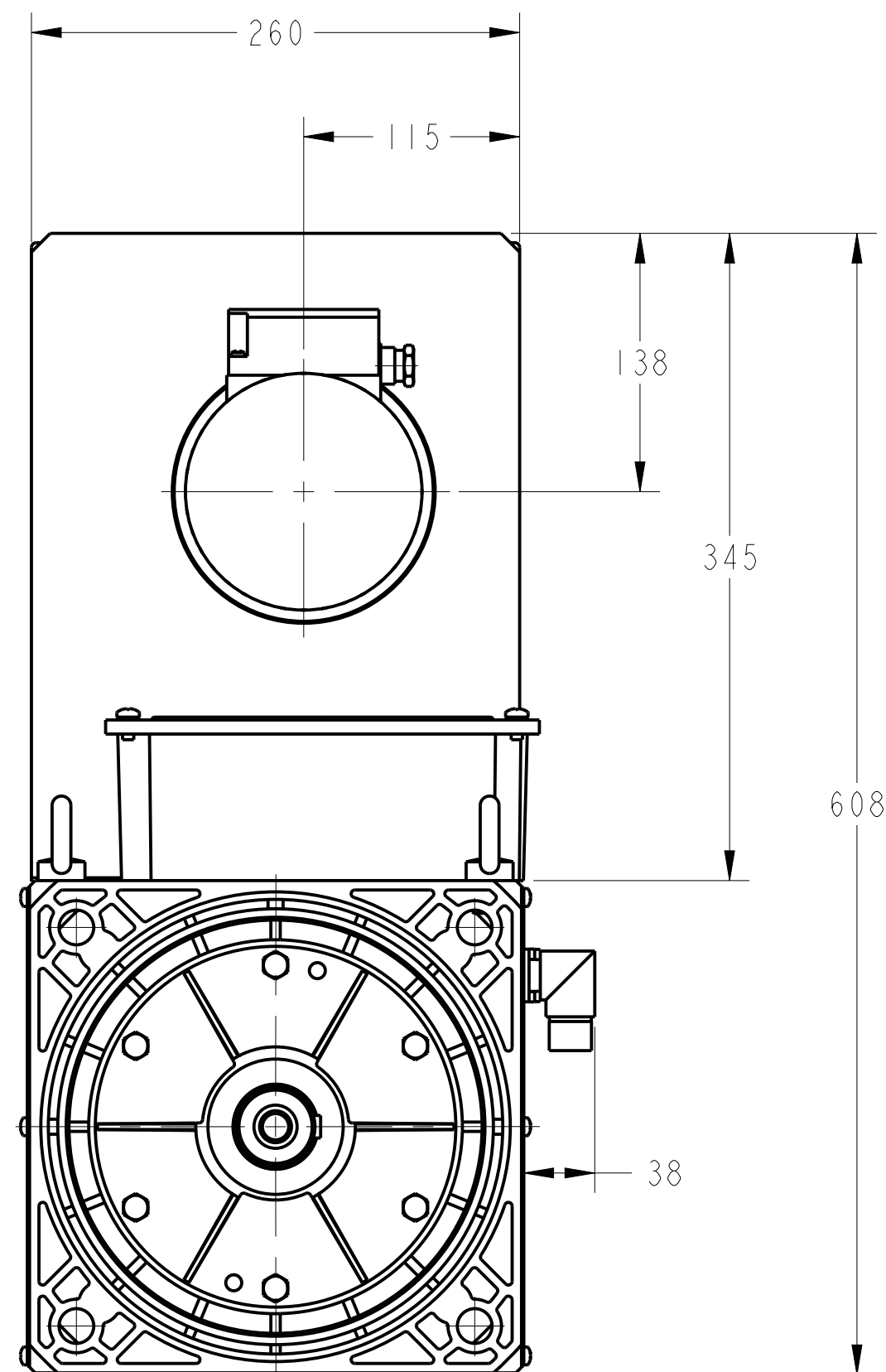


BLOWER TERMINAL BOX
FOR 3 PHASE BLOWER OPTION
MMA-BI32XXX-XXXXXXCXXXXXX



FEEDBACK CONNECTOR	RA CATALOG - ENCODER DESIGNATION			
	L2	SI,S2, MI,M2	S3, M3	S4, M4,
CONTACT NUMBER	VFx60	SF x60 MOTOR, SFx60 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

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



NOTES:
△ FOR ALL RADIAL BLOWER MOTORS EXCEPT THOSE WITH NO HOLDING BRAKE, CATALOG OPTION (MMA-BI32XXX-XXXX22CXXXXXX)
ADD 50 MM TO DIMENSION LR & LBR.

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DRW,MMA-BI32X,KINETIX MOTOR,ESM		DATE:2021-08-03	SHEET 4 OF 4
DESCRIPTION		SIZE D1R	VER
CREATED BY:MGANDHI		D	00
CHANGED BY:-		10005828660	