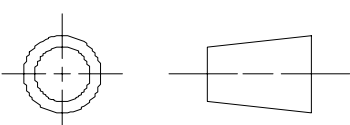


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ALL ISO METRIC THREADS TO BS3643 CLASS 6H/6G FIT, COARSE PITCH UNLESS OTHERWISE STATED

BREAK ALL SHARP EDGES 0.75 (0.003") X 45°

ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED



THIRD ANGLE PROJECTION
DIMENSIONS AND TOLERANCES TO BS 8888

A



MISTRAL II 200/6 PERFORMANCE DATA			
DYNAMIC SLIPPING TORQUE	22 Nm	@ 0.2 bar	
	594 Nm	@ 5.5 bar	
	648 Nm	@ 6 bar	
HEAT TRANSFER CAPACITY (WITH FAN)	2.4 kW	Cont.	
	2.8 kW	30 min on/off	
MAX SPEED	2860	rpm	
INERTAI OF ROTATING PARTS	0.010	kgm²	
TOTATL BRAKE WEIGHT	22	kg	
WEIGHT OF ROTATING PARTS	3.5	kg	

NOTE,

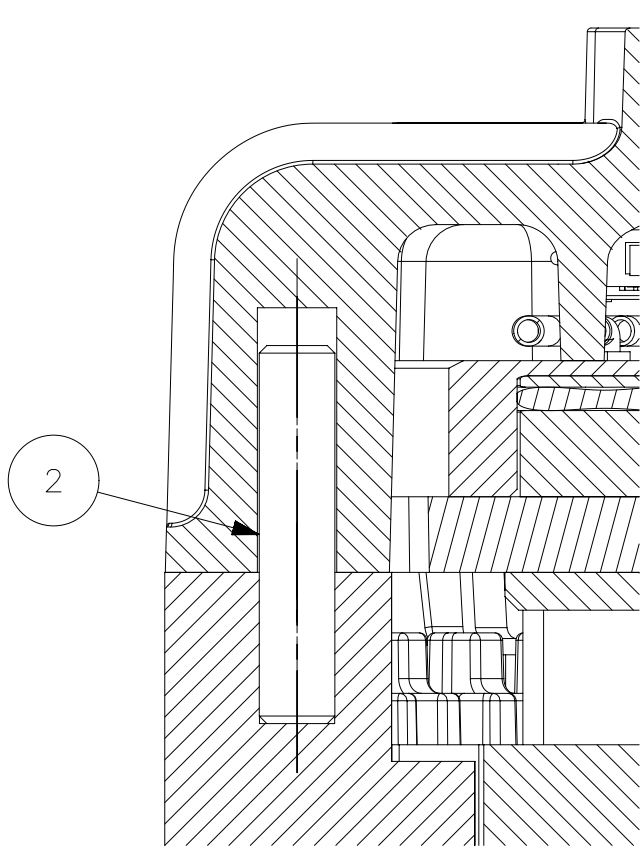
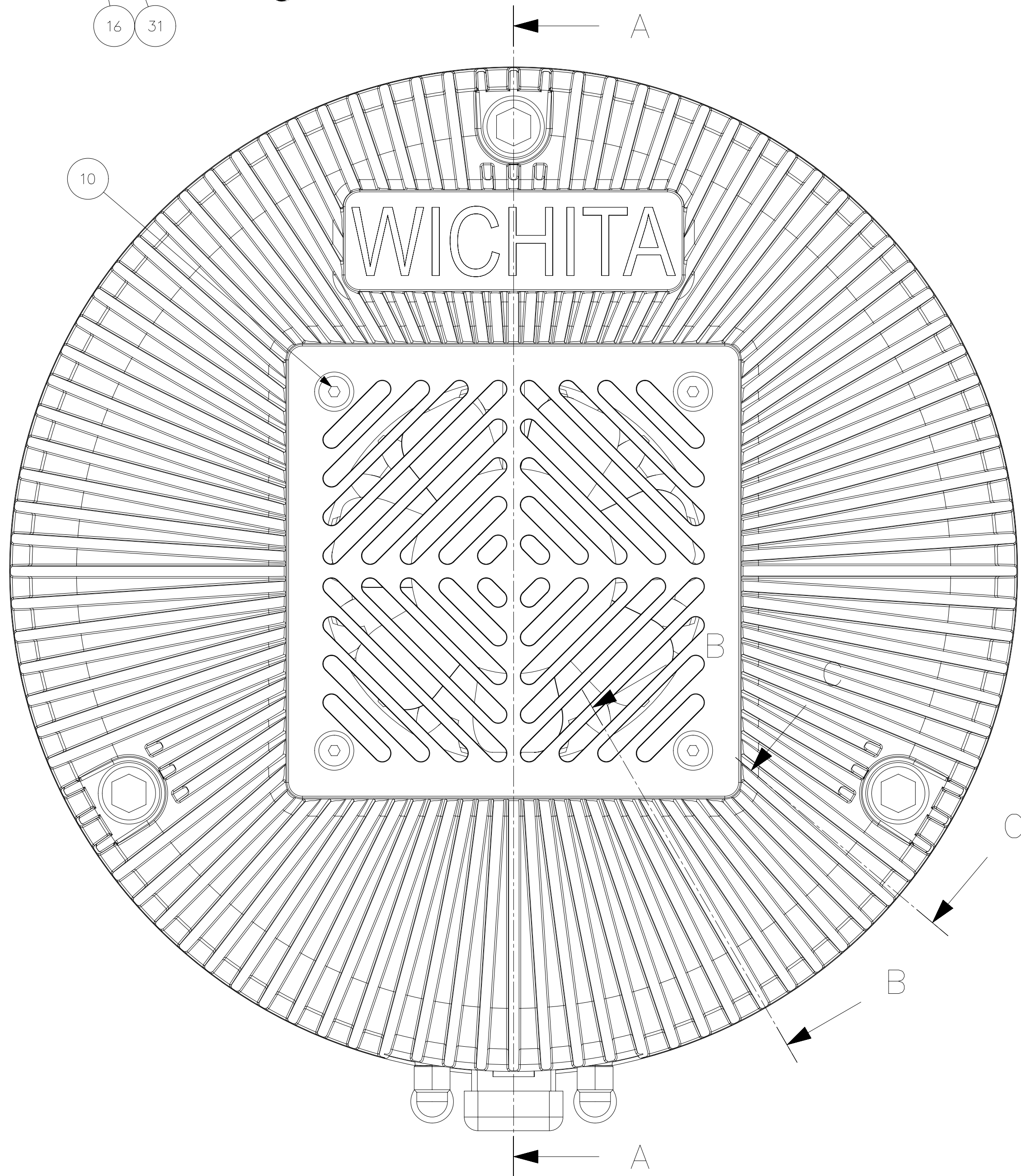
- AS STANDARD, ITEMS 21 (RING / BACKPLATE) & ITEM 25 (COVER) TO BE COATED USING JOTUN "GUARD STYLE E" OR SIMILAR, IN BLACK (RAL 9005).
- OTHER COLOUR FINISHS ARE AVAILABLE AT SPECIAL REQUEST.

ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	TUBE 3.0 BORE (BLUE)	15667-010_6
2	3	DOWEL PIN, 10 DIA X 50LG	22124-550
3	3	WASHER, M6, FORM A	22181-095
4	1	SOCKET SET SCREW M12 X 12	22424-149
5	9	CAP HEAD SCREW, M4 X 16	22431-049
6	3	CAP HEAD SCREW, M6 X 40	22431-083
7	3	CAP HEAD SCREW, M12 X 70	22431-161
8	3	CAP HEAD SCREW, M12 X 100	22431-165
9	1	BUTTON HEAD CAP SCREW, M6 X 12	22434-069
10	4	SOCK C/SK SCR, M5 X 12	22435-083
11	6	O-RING	24163-144
12	1	MISTRAL - FAN	24200-041
13	4	PNEUMATIC TEE M5	24590-500
14	2	PNEUMATIC ELBOW M5	24590-501
15	2	PNEUMATIC CONNECTOR STRAIGHT	24590-503
16	2	M5-6MM TUBE FITTING ELBOW	24590-515

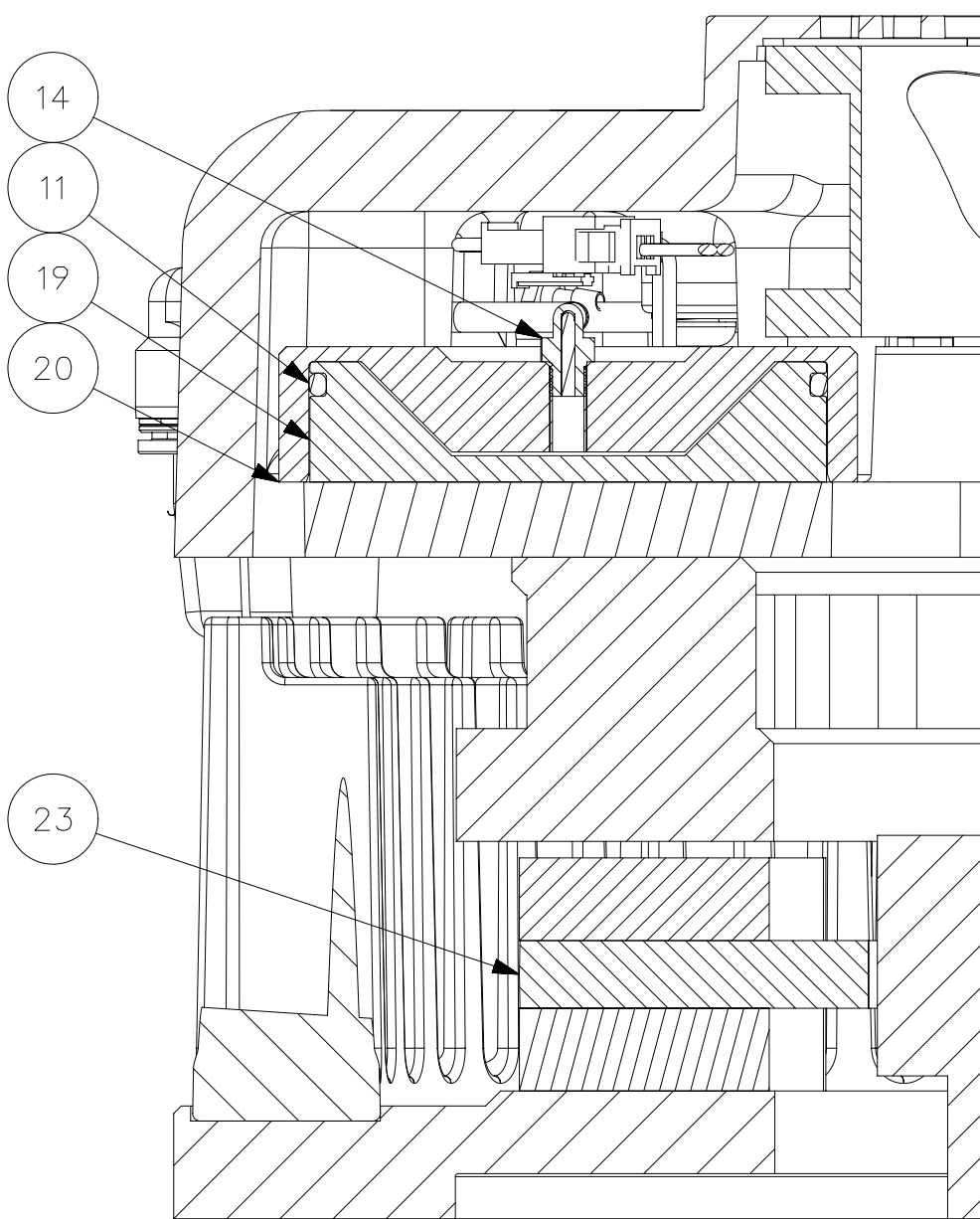
ITEM	QTY	DESCRIPTION	PART NUMBER
17	1	WIRING ASSEMBLY	40053-965
18	3	RELEASE SPRING	40073-074
19	6	MISTRAL ACTUATOR PISTON	40089-235
20	6	MISTRAL ACTUATOR CYLINDER	40089-245
21	1	RING & BACKPLATE - MISTRAL 200	40801-521
22	3	HEAT SINK	40801-531
23	1	DRIVE PLATE ASSY	40813-310
24	1	MISTRAL 200 - FLOATING PLATE	40815-101
25	1	COVER	40828-135
26	1	HUB	40835-001
27	1	MISTRAL 200 - PRESSURE PLATE	40878-005
28	1	IEC 90DEG JA-2231-A	40891-429
29	1	IEC FLANGE MOUNT JR-101	40891-430
30	3	M4 SLT'D PANHEAD SHOULDER SCREW	4900051
31	2	SCR, SOCKET CSK, M3x8	5500073

A

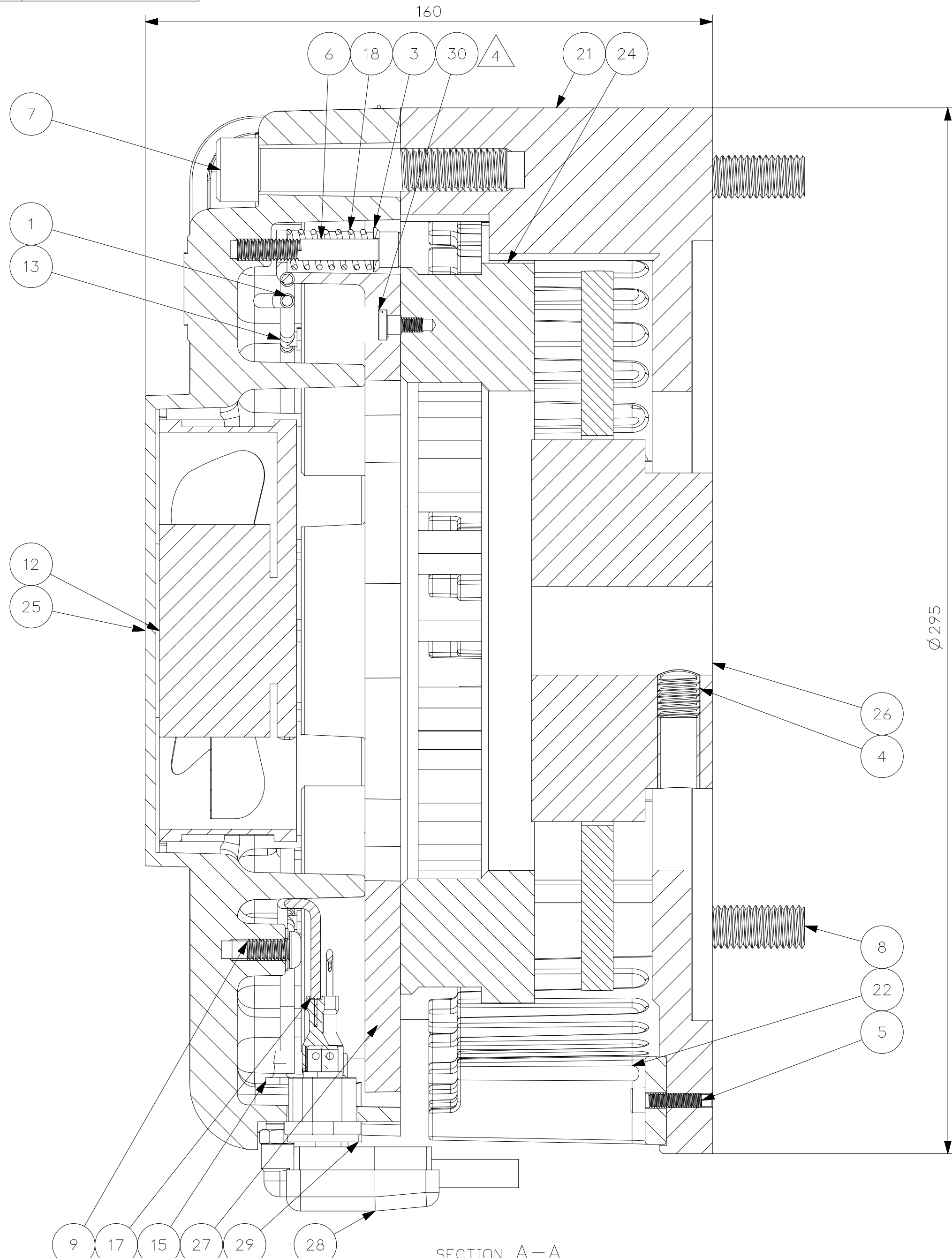
B



SECTION C—C



SECTION B—B



SECTION A—A

05	DESCRIPTION WAS '220/6/220V'	LH	RH	12/12/2022
04	ECR 4648: M4 SHOULDER SCREW ADDED TO ATTACH FLOATING & PRESSURE PLATE	AA	DS	29/08/22
03	ECR 4438: FAN WAS 24200-031 NOW 24200-041	AA	MR	02/12/21
02	SECOND SHEET ADDED	AA	M.E.A	21/10/21
01	FIRST ISSUE	AA	M.E.A	24/04/20
ISSUE	DESCRIPTION	DRAWN	CHECKED	DATE

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DRAWING TOLERANCES UNLESS OTHERWISE STATED	
OPEN ANGLE TOLERANCE:	± 0.5°
OPEN TOLERANCE:	± 0.25mm
GENERAL M/C FINISH:	Ra 1.6µm
OPEN HOLE CONCENTRICITY:	± 0.1mm
OPEN M/C RADII:	0.8mm
FINISH:	--

DESCRIPTION:

MISTRAL BRAKE ASSEMBLY
200/6/220V
05

MATERIAL:

SCALE:

DRAWN:

AA

DATE:

23/04/20

INERTIA:

--

WEIGHT:

SEE TABLE

CHECKED:

M.E.A

DATE:

21/01/21

PART No:

71120-635

SHEET 1 OF 2

APPROVED:

--

DATE:

--

DRAWING No:

71120-635

SHEET 1 OF 2