

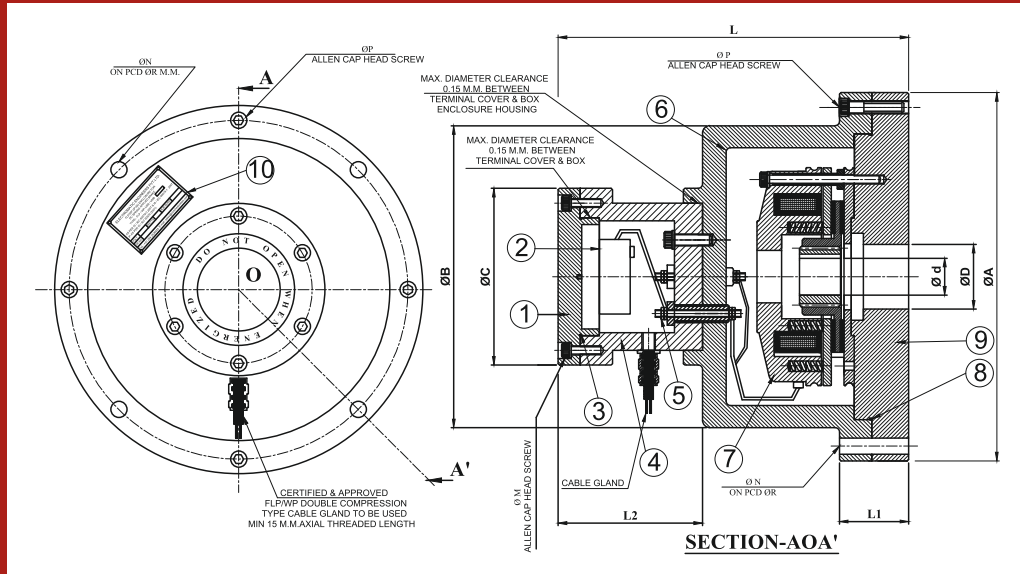
**DESIGN**

- DESIGN CONFORMANCE TO STANDARD-IS/IE C 60079-0:2007 & IS/IEC 60079-1 : 2007 FOR TYPE OF PROTECTION " FLAME PROOF (d) " FOR GAS GROUP IIB & IP AS PER IS / IEC 60529 (2001)
- ALL THREADED TOLERANCE IS AS PER IS 965-1 & 965-3.
- DESIGN CONFORM TO IP-66 AS PER IS/IEC 60529:2001
- GENERAL TOLERANCE EXCEPT THE FLAME PATH IS SHALL BE 4%.
- CABLE ENTRY THREADS ALTERNATIVELY MAY BE OF NPT/ BSP/ ET EQUIVALENT TO METRIC THREAD
- EXTERNAL & INTERNAL EARTHING SHALL BE PROVIDED 1 NO. EACH OF SIZE-M5
- ALL THREADS HAVE A TOLERANCE FIT OF 6 g/6H IN ACCORDANCE WITH ISO 965-1 & ISO 965-3

PARTS NAME			
SR. NO.	PART DESCRIPTION	MATERIAL	QTY.
1	TERMINAL COVER	LM6	01
2	SOLID STATE RECTIFIER	UNITORQ STD.	01
3	RUBBER "O" RING	NEOPRENE	01
4	TERMINAL BOX	LM6	01
5	CONNECTING STUD	MOULDED(BAKELITE)/BRASS	03
6	ENCLOSURE HOUSING	LM6	01
7	DISC BRAKE	UNITORQ	01
8	RUBBER "O" RING	NEOPRENE	01
9	ENCLOSURE FLANGE	LM6	01
10	NAME PLATE AND WARNING	ALUMINIUM	01



# Flame Proof Brakes & Brake Motors



SR. NO	BRAKE SIZE	WATTAGE	TORQUE	ØA	ØB	ØC	Ød / ØD	L1	L2	L	ØM	ØN	ØP	ØR
1	02,05,10 20,35	18 TO 40 W	02 TO 35 NM	250	205	120	AS PER CUSTOMER REQUIREMENT	50	95	238	6 X M6	4 X Ø9	4 X M8	230
2	40,65	30 TO 60 W	35 TO 65 NM	270	230	120		50	95	250	6 X M6	4 X Ø9	4 X M8	250
3	70,85,95 100	30 TO 80 W	60 TO 100 NM	290	250	120		50	95	250	6 X M6	4 X Ø11	4 X M10	270
4	140,155	40 TO 75 W	100 TO 160 NM	320	275	120		55	95	270	6 X M6	6 X Ø11	6 X M10	295
5	200,250	50 TO 80 W	200 TO 300 NM	370	320	120		55	95	280	6 X M6	6 X Ø11	6 X M10	350
6	400	80 TO 150 W	300 TO 500 NM	420	375	120		55	95	300	6 X M6	6 X Ø11	6 X M10	400

Available Voltages - 24, 105, 190 VDC & 230, 415 VAC

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