



BOTTOM DETAILS

- Fitting OPTIONS :
- 1) MATERIAL CONSTRUCTION : STAINLESS STEEL
 - 2) VOLTAGE : 415V AC
 - 3) CABLE GLAND & PLUG : BRASS/S.S./ALUMINIUM
 - 4) PAINT SHADE : 632/355/7031/7032, etc...
(As per Standard)

BREAK TYPE	DRUM DIA. (MM)	THRUSTOR CAP (KGS)	THRUSTOR STROKE (mm)	BREAKING TORQUE (KGW)	A	B	C	E	F	G	h	H	J	K	L	M	Wt. OF BRAKE
BR 100-18	100	18	50	35	206	133	70	142	-	108	125	590	140	100	455	14	25
BR 150-18	150	18	50	35	233	160	70	-	-	-	125	590	140	100	515	14	25
BR 200-18	200	18	50	35	360	215	88	360	-	170	200	600	180	125	600	14	30
BR 250-18	250	18	50	35	392	285	100	303	105	198	225	513	190	125	675	14	35
BR 250-34	250	34	50	42	415	285	100	303	105	198	225	563	190	125	675	14	35
BR 300-18	300	18	50	42	450	285	140	355	105	250	275	600	200	145	780	20	47
BR 300-34	300	34	50	62	450	285	140	355	105	250	275	600	200	145	780	20	47
BR 400-34	400	34	50	90	500	360	180	415	95	320	310	630	200	145	900	20	72
BR 400-68	400	68	75	170	500	360	180	415	95	320	310	630	200	145	900	20	72
BR 500-68	500	68	75	290	620	420	200	500	150	380	417	857	245	190	1100	25	100
BR 500-114	500	114	75	485	620	420	200	500	150	380	417	857	245	190	1100	25	100
BR 600-114	600	114	75	580	688	480	240	615	150	465	475	970	322	235	1300	25	190

Reference IS/IEC Standard as follows :

- 1 - FLAMEPROOF (Ex d) PROTECTION - IIA/IIb & IIC, IS/IEC 60079-1 (2014)
- TEMPERATURE CLASS - T6
- INGRESS (IP) PROTECTION - IP65, IS/IEC 60529 (2001). (Reaffirmed 2014)

Standard Specification :

- 1 - MATERIAL - CAST IRON
- 2 - FINISH - LIGHT GREY EPOXY POWDER PAINTED/COATING SHADE No. 631 AS PER IS:5
- 3 - EARTHING - 1 No. INSIDE & 2 Nos. OUTSIDE M6 SIZE S.S./BRASS SCREWS WITH 2 Nos. PLAIN WASHER
- 4 - HARDWARE - STAINLESS STEEL
- 5 - GASKET - 'O' RING NEOPRENE RUBBER GASKET
- 6 - MOUNTING ARRGT. - AS SHOWN IN DRG.

Material / Components Specification :

- 1 - S.S. NAME CUM WARNING PLATE (WITH DESCRIPTION TITLE, CMFR, PESO, SR. NO., GAS GROUP, RATING, BIS MARKING, WARNING STATUS, etc...)
- 2 - FLP-WP ENCLOSURE FOR ELECTRO HYDRAULIC THRUSTOR BRAKE IS SUITABLE FOR UPTO 500V AC/DC (MAX.) 3 Ph., 50 Hz. WITH THRUST 46 Kg., 315mm STROKE IN CAST IRON/M.S. CONSTRUCTION DULY FITTED THROUGH NIPLLE WITH CAST ALUMINIUM ALLOY LM6 CONSTRUCTED CMRI CERTIFIED FLP-WP JUNCTION BOX [CAT. BR/2C/2025.]

- 3 - CABLE ENTRIES - 1 No. M20 / 1/2" NPT / 3/4" ET EQUIVALENT
- CABLE ENTRIES FROM BOTTOM SIDE - REFER DRAWING
- 4 - CABLE GLAND - (Ex d) DOUBLE COMPRESSION TYPE CABLE GLAND OF 'SUDHIR' MAKE
- 5 - STOPPING PLUG - (Ex d) STOPPING PLUG OF 'SUDHIR' MAKE

NOTE :

- COMPONENT LAYOUT IS TENTATIVE RELOCATION OF PARTS & COMPONENTS IS POSSIBLE AT THE TIME OF ACTUAL MANUFACTURING.
- OVERALL DIMENSIONS ARE ±10mm

CAT. No.	BR/2C/2027	SUDHIR SWITCHGEARS PVT. LTD.	
MODEL No.:	BR/2027	130, MULBARI SAMAGHAR MARG, MULBARI - 400 023	
DRN.	profill	TITLE : FLAMEPROOF-WEATHERPROOF ENCLOSURE FOR HYDRAULIC THRUSTOR BRAKE	
CHKD.	JASHWANT	CMFR. CERT. No.	IN/CMFR/TR22/R/H37
APPR.		PESO No. :	PS37911/1
SHEET	1 OF 1	BIS LICENCE No. :	CM/L-0003531365
SCALE	N. T. S.	REV.-0	Dt. 27/04/2022
			Dt. 24/05/2022