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	Customer	
	BBL Enquiry reference No	
	Customer P.O.Number	
ER TO FURNISH	W.O. No. / SAP No.	
	Output kW / pole	0.75 / 4P
2J080453	Frame size	MJ80
	Applicable standards (latest edition)	
Hazardous	Performance: IS/IEC 60034-1 Maintenance IS:900	FLP Motors: IS/IEC 60079-1
Indoor	Dimensions: IS 1231/IS 2223/IS:8223	
1000 or less	Vibrations: IS 12075	
	Noise level: IS 12065	
	Supply conditions and permissible variations (gri	d supply)
ZONE I	Number of phases	Three
IIA. IIB		415 ±10%
,		$50 \pm 5\%$
Ex d	Combined variation (absolute sum)	±10%
If Coal Mine application then		
DGMS else PESO		
DOL	Starting current (%FLC)	500
CUSTOMER TO FURNISH	Starting torque (%FLT)	280
0.0073	Pull out torque (%FLT)	300
CUSTOMER TO FURNISH		15 / 30
Parabolic TS curve	Number of consecutive starts (hot/cold) (nos.)	2/3
DETAILS		
IE2	Duty and designation	Continuous (S1)
45 / 75	CDF/Equivalent starts per hour/FI	-
TEFC (TOTALLY ENCLOSED FAN COOLED)	Insulation class / utilisation class on DOL	F/B
· · · ·	Rotor type (Squirrel Cage/ Slip ring)	Squirrel Cage
		1 0
		90/122
/9.0 /9.0 /0.0	Power factor at FL/0.75FL/0.5FL	0.77 0.67 0.55
<b>D</b> O		
		Refer GA drawing
<b>.</b>		Clockwise
IP 55	Suitable for bidirectional rotation	Yes
TEFC (IC 411)	Paint type	Acid Alkali Proof
32	Paint shade	632 as per IS 5
	Earthing provision (two terminals on stator body)	Yes
	Terminal box	
Direct	Terminal box location when viewed from DE	As per GA drawing
	Direction of cable entry	As per GA drawing
- Ball /Ball	Cable size and type(Aluminium)	1R X 3C X 4 SQ MN
6204 2Z C3 / 6204 2Z C3	3 Earthing provision (one terminal in TB)	Yes
LITHIUM SOAP BASE GREASE	No of phases/Winding connection/number of terminals	3 / STAR / 3
	Arrow plate for direction of rotation	
	Double compression glands (main cable)	
	Le GROIC COMPLEDOION GIANDO (MAMI CAUN)	
	Double compression glands (Space	
	Double compression glands (Space heater/thermisters/RTDs)	
	2J080453     Hazardous     Indoor     1000 or less     2ONE I     ITA, IIB     T6     Ex d     If Coal Mine application then DGMS else PESO     DOL     CUSTOMER TO FURNISH     0.0073     CUSTOMER TO FURNISH     Parabolic TS curve     PLEASE FURNISH ALL ABOVE DETAILS     IE2     45   /     75     TEFC (TOTALLY ENCLOSED FAN COOLED)     1.7     1410     0.52     79.6   79.6     79.6   79.6     AS   76.0     B8   Single cylindrical     IP 55   TEFC (IC 411)     32	BBJ. Enquiry reference No   Customer P.O.Number   R TO FURNISH W.O. No. / SAP No.   21080453 Frame size   Applicable standards (latest edition)   Hazardous Performance: IS/IEC 60034-1 Maintenance IS/900   Indoor Dimensions: IS 1231/IS 2223/IS:8223   1000 or less Vibrations: IS 12075   Noise level: IS 12055 Supply conditions and permissible variations (gri   ZONE1 Number of phases   IIA, IIB Voltage (Volts) and permissible variation   T6 Frequency (Hz) and permissible variation   Ex d Combined variation (absolute sum)   IF Coal Mine application then DGMS else PESO Starting current (%FLC)   CUSTOMER TO FURNISH Starting torque (%FLT)   0.0073 Pull out torque (%FLT)   0.0074 Farbolic TS   1E2 Duty and designation   45 / 75   CDF/Equivalent starts (hot/c

Notes:

1)All performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.

2)Performance values are at rated voltage and rated frequency condition and for DOL starting condition.

3)Motor  $GD^2$  = Load  $GD^2$  assumed wherever not mentioned.

4)Where starting time is more than 10 seconds, provision of heavy duty relays is mandatory.

5)Kilowatt rating is mandatory and HP is approximate.

6) Accessories provided are marked as "YES"

		Prepared by	
		Approved by	
		Revison	
Project:	Contractor/Client	Deter	
Consultant	Package	Date:	