harat Bijlee Ltd. Phase Induction Motor CUSTOME (Safe / Hazardous) tdoor/deck tails GAS (Zone 1/Zone 2)	ER TO FURNISH 2J25M633 Hazardous Indoor 1000 or less	CustomerBBL Enquiry reference NoCustomer P.O.NumberW.O. No. / SAP No.Output kW / poleFrame sizeApplicable standards (latest edition)Performance: IS/IEC 60034-1 Maintenance IS:900Dimensions: IS 1231/IS 2223/IS:8223	37	/ MJ250	6P
CUSTOME (Safe / Hazardous) tdoor/deck tails	2J25M633 Hazardous Indoor	Customer P.O.Number W.O. No. / SAP No. Output kW / pole Frame size Applicable standards (latest edition) Performance: IS/IEC 60034-1 Maintenance IS:900		/ MJ250	
(Safe / Hazardous) tdoor/deck tails	2J25M633 Hazardous Indoor	 W.O. No. / SAP No. Output kW / pole Frame size <i>Applicable standards (latest edition)</i> Performance: IS/IEC 60034-1 Maintenance IS:900 		/ MJ250	
(Safe / Hazardous) tdoor/deck tails	2J25M633 Hazardous Indoor	Output kW / pole Frame size Applicable standards (latest edition) Performance: IS/IEC 60034-1 Maintenance IS:900		/ MJ250	
(Safe / Hazardous) tdoor/deck tails	Hazardous Indoor	Frame size Applicable standards (latest edition) Performance: IS/IEC 60034-1 Maintenance IS:900		/ MJ250	
(Safe / Hazardous) tdoor/deck tails	Hazardous Indoor	Applicable standards (latest edition) Performance: IS/IEC 60034-1 Maintenance IS:900		MJ250	
(Safe / Hazardous) tdoor/deck tails	Indoor	Performance: IS/IEC 60034-1 Maintenance IS:900			
tdoor/deck tails	Indoor				
tails		Dimensions: IS 1231/IS 2223/IS:8223	FLP Moto	ors: IS/IEC	60079-1
	1000 or less	= 111010101010010010010010010010010010010			
		Vibrations: IS 12075			
		Noise level: IS 12065			
GAS (Zone 1/Zone 2)		Supply conditions and permissible variations (gri	d supply)		
,	ZONE I	Number of phases	<u> </u>	Three	
	IIA, IIB	Voltage (Volts) and permisible variation	415		10%
	T4	Frequency (Hz) and permissible variation	50		5%
protection (FLP/Type	Ex d	Combined variation (absolute sum)		±10%	
v for hazardous area	If Coal Mine application then				
	DGIM5 EISE PESU				
	DOL	Starting current (%FLC)		650	
				270	
	CUSTOMER TO FURNISH		15	/	30
curve	Parabolic TS curve	Number of consecutive starts (hot/cold) (nos.) provided Load GD2 = Motor GD2		2/3	
d voltage (sec)	PLEASE FURNISH ALL ABOVE DETAILS	E			
nce					
	IE2	Duty and designation	Continuous (S1)		
o.rise by resistance (deg.C)				_	(
(TEFC (TOTALLY ENCLOSED			F/B	
(\mathbf{C}) amps	· · · · · · · · · · · · · · · · · · ·	Rotor type (Squirrel Cage/ Slip ring)	Squirrel Cage		<u></u>
				A	0
,			1		
			0.00		
	92.2 92.2 91.8	Power factor at FL/0./5FL/0.5FL	0.88	0.85	0.78
	DQ	Mounting dimensions	Da	for CA dr	
			Ke		<u> </u>
			Clockwise		
	IP 55	Suitable for bidirectional rotation	Yes		
TEFC/forced	TEFC (IC 411)	Paint type	Acid Alkali Proof		
/1	· · ·				
r (kgs.)	573		632 as per IS 5		
				Yes	
11 1 / T		Terminal box			
exible/Belt &	Direct	Terminal box location when viewed from DE	As	per GA dr	awing
ey (OD x width) mm	-	Direction of cable entry	As	per GA dr	awing
/angular contact)	Ball /Ball	Cable size and type(Aluminium)	2R X 3C X 120 SQ MM		
DE	6215 C3 / 6215 C3	Earthing provision (one terminal in TB)		Yes	
	SKF LGMT3- GREASE	No of phases/Winding connection/number of terminals	3 / DELTA / 6		
simplex (w/o controller)		Arrow plate for direction of rotation			
er bearing (w/o controller)		Double compression glands (main cable)			
le phase 50z, 230V		Double compression glands (Main eacie) Double compression glands (Space heater/thermisters/RTDs)			
		$\frac{100001}{100111100015}$			
1 number per phase		Brake (Type/voltage/torque)			
	ers ce ce curve d voltage (sec) nce o.rise by resistance (deg.C) C) amps. n) T) kg-m L/0.75FL/0.5FL eters n TEFC/forced (kgs.) xible/Belt & ey (OD x width) mm /angular contact) DE	Tor hazardous area DGMS else PESO trs DOL ce DOL CUSTOMER TO FURNISH 3.25 CUSTOMER TO FURNISH 3.25 CUVe Parabolic TS curve d voltage (sec) PLEASE FURNISH ALL ABOVE DETAILS nce IE2 Drise by resistance (deg.C) 45 / 75 TEFC (TOTALLY ENCLOSED FAN COOLED) COmposition of the second	Tor nazardous area DGMS else PESO rs ce CUSTOMER TO FURNISH Starting current (% FLC) CUSTOMER TO FURNISH Starting torque (% FLT) CUSTOMER TO FURNISH Locked rotor withstand time (hot/cold) (sec) curve Parabolic TS curve Purbes of consecutive starts (hot/cold) (nos.) provided Load GD2 = Motor GD2 d voltage (sec) PLEASE FURNISH ALL ABOVE DETAILS nce 1E2 Duty and designation brise by resistance (deg.C) 45 / FAN COOLED) Insulation class / utilisation class on DOL C) amps. 63.4 Rotor type (Squirel Cage/ Slip ring) 1) 980 Rotor voltage/rotor current (RV/RA) (Volts/Amps) Tkg-m 36.8 Stator/rotor time constant (min) (A) OSFIL/0.SFI. 92.2 92.2 91.8 Value Single cylindrical Direction of rotation viewed from DE n IP 55 Suitable for bidirectional rotation r(rgs.) 57.3 Paint shade Earthing pr	Tornazardous area DGMS else PESO rs ref DOL Starting current (%FLC) CUSTOMER TO FURNISH 2.25 Pull out corque (%FLT) CUSTOMER TO FURNISH 2.25 Pull out corque (%FLT) CUSTOMER TO FURNISH Locked rotor withstand time (hot/cold) (sec) 15 Starting current (%FLT) CUSTOMER TO FURNISH Locked rotor withstand time (hot/cold) (nos.) provided Load GD2 = Motor GD2 d voltage (sec) PLEASE FURNISH ALL ABOVE DETAILS Detroit Ref Colspan="2">COF/Equivalent starts per hour/FI Insulation class / utilisation class on DOL Correct (MCLY ENCLOSED FAN COOLED) Insulation class / utilisation class on DOL COF/Equivalent starts per hour/FI Outpand designation COF/Equivalent starts per hour/FI Insulation class / utilisation class on DOL Correct (CO CALLY ENCLOSED FAN COOLED) Insulation class / utilisation class on DOL Correct (N/RA) (Vols/Amps) Outpan= 36.8 Statable for bidirection of the DE Insu	Tor hazardous area DGMS else PESO or DOL Starting current (%FLC) 650 CUSTOMER TO FURNISH Starting torque (%FLT) 2250 3.25 Pull out torque (%FLT) 2270 CUSTOMER TO FURNISH Locked rotor withstand time (hot/cold) (sec) 15 / curve Parabolic TS curve Number of consecutive starts (hot/cold) (nos.) 2 / 3 dvoltage (sec) PLEASE FURNISH ALL ABOVE DETAILS Duty and designation Continuous nise by resistance (deg.C) 45 / 75 CDF/Equivalent starts per hour/FI - nise by resistance (deg.C) 45 / 75 CDF/Equivalent starts per hour/FI - (C) amps. 63.4 Rotor voltage rotor current (RV/RA) (Volts/Amps) Not applic (D, 75FL0.5FL 92.2 92.2 91.8 Four voltage rotor rotation viewed from DE Clockwith (L, 0, 75FL0.5FL 92.2 92.2 91.8 Mounting dimensions Refer GA dr TEFC/forced TEFC (IC 411) Paint stade G32 as per GA dr (kgs.)

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	Date:	
Consultant	Package	Date.	