Bharat Bijlee Ltd.		Customer			
3 Phase Induction Motor		BBL Enquiry reference No			
CUSTON		Customer P.O.Number			
CUSTOM	ER TO FURNISH	W.O. No. / SAP No.	7.5	,	41
			7.5	1321	4] A
ils	<u> </u>	Applicable standards (latest edition)		1521	
on (Safe / Hazardous)	Industrial safe area	Performance: IS/IEC 60034-1 Maintenance IS:900			
/outdoor/deck	Indoor 1000 or less	Dimensions: IS 1231/IS 2223/IS:8223 Vibrations: IS 12075			
		Noise level: IS 12065			
details		Supply conditions and permissible variations (grid	d supply)		
on GAS (Zone 1/Zone 2)	N.A.	Number of phases	Three		
n protection (FLP/Type	N.A.	Combined variation (absolute sum)	50 ±5% ±10%		
rity for hazardous area	Not Applicable				
neters					
nance			ſ		
ng	DOL CUSTOMED TO EUDNICH	Starting current (%FLC)			
)					
2)		1	6	280	
	Parabolic TS curve	Number of consecutive starts (hot/cold) (nos.)	8 / 16		
	PLEASE FURNISH ALL ABOVE	provided Load GD2 = Motor GD2			
	DETAILS				
nunce	IE2	Duty and designation	C	ontinuou	s (S1)
emp.rise by resistance (deg.C)	50 / 70			-	.5 (.51)
<u>1</u>	TEFC (TOTALLY ENCLOSED FAN COOLED)	Insulation class / utilisation class on DOL	F/B		
(FLC) amps.	14	Rotor type (Squirrel Cage/ Slip ring )	5	Squirrel	Cage
rpm)	1450	Rotor voltage/rotor current (RV/RA) (Volts/Amps)	Not applicable		
		× /	0.04		
	88.7 88.7 87.0	Power factor at FL/0.75FL/0.5FL	0.84	0.76	0.0
uneters	B8	Mounting dimensions	Re	fer GA d	lrawing
	Single cylindrical	Direction of rotation viewed from DE			0
tion	IP 55	Suitable for bidirectional rotation		Yes	
g (TEFC/forced cooled/TESC)	TEFC (IC 411)	Paint type		Acryl	ic
	57			-	
otor (kgs.)	57				
	L			103	
/flexible/Belt &	D:				dao'
	Direct			-	
oulley (OD x width) mm	-	Direction of cable entry	As	per GA	drawing
pall/angular contact)	Ball /Ball	Cable size and type(Aluminium)	2R X		
NDE	6208 2Z C3 / 6208 2Z C3	Earthing provision (one terminal in TB)		Yes	
on	LITHIUM SOAP BASE GREASE	No of phases/Winding connection/number of terminals	3 / DELTA / 6		
	1				
rs simplex (w/o controller)		Arrow plate for direction of rotation			
r per bearing (w/o controller)					
r per bearing (w/o controller) ingle phase 50z, 230V		Arrow plate for direction of rotation Double compression glands (main cable) Double compression glands (Space heater/thermisters/RTDs)			
r per bearing (w/o controller) ingle phase 50z, 230V C , 1 number per phase		Arrow plate for direction of rotation Double compression glands (main cable) Double compression glands (Space			
r per bearing (w/o controller) ingle phase 50z, 230V C , 1 number per phase & for Accessories		Arrow plate for direction of rotation Double compression glands (main cable) Double compression glands (Space heater/thermisters/RTDs)			
r per bearing (w/o controller) ingle phase 50z, 230V C , 1 number per phase		Arrow plate for direction of rotation Double compression glands (main cable) Double compression glands (Space heater/thermisters/RTDs)			
r per bearing (w/o controller) ingle phase 50z, 230V C , 1 number per phase k for Accessories plate	50034-1 tolerances, unless otherwise s	Arrow plate for direction of rotation Double compression glands (main cable) Double compression glands (Space heater/thermisters/RTDs) Brake (Type/voltage/torque)			
r per bearing (w/o controller) ingle phase 50z, 230V C , 1 number per phase c for Accessories plate ev values are subject to IS/IEC 6	50034-1 tolerances, unless otherwise s tted frequency condition and for DOL	Arrow plate for direction of rotation Double compression glands (main cable) Double compression glands (Space heater/thermisters/RTDs) Brake (Type/voltage/torque) specified.			
r per bearing (w/o controller) ingle phase 50z, 230V C, 1 number per phase ( for Accessories plate evelues are subject to IS/IEC 6 alues are at rated voltage and ra Load GD <sup>2</sup> assumed wherever no	ted frequency condition and for DOL	Arrow plate for direction of rotation Double compression glands (main cable) Double compression glands (Space heater/thermisters/RTDs) Brake (Type/voltage/torque) specified. starting condition.			
	n (Safe / Hazardous) outdoor/deck details n GAS (Zone 1/Zone 2) n protection (FLP/Type rity for hazardous area neters ance g )) 2) d curve ated voltage (sec) mance mp.rise by resistance (deg.C) (FLC) amps. pm) FLT) kg-m t FL/0.75FL/0.5FL uneters ion g (TEFC/forced cooled/TESC) tor (kgs.) // flexible/Belt & ulley (OD x width) mm pall/angular contact)	n (Safe / Hazardous) Industrial safe area outdoor/deck Indoor Indoor details n GAS (Zone 1/Zone 2) N.A. A. n protection (FLP/Type N.A. n protection (FLP/Type N.A. n protection (FLP/Type N.A. n protection (FLP/Type N.A. intity for hazardous area Not Applicable teters ance g DOL g DOL g DOL g CUSTOMER TO FURNISH <sup>2</sup> ) 0.1254 CUSTOMER TO FURNISH <sup>2</sup> ) 0.1254 CUSTOMER TO FURNISH d curve Parabolic TS curve PLEASE FURNISH ALL ABOVE DETAILS nance IE2 mp.rise by resistance (deg.C) 50 / 70 TEFC (TOTALLY ENCLOSED FAN COOLED) (FLC) amps. 14 pm) 1450 FLT) kg-m 5.04 t FL0.75FL/0.5FL 88.7 87.0 immeters B8 Single cylindrical ion IP 55 g (TEFC/forced cooled/TESC) TEFC (IC 411) tor (kgs.) 57 'flexible/Belt & Direct ulley (OD x width) mm vall/angular contact) Ball /Ball	n (Safe / Hazardous) Industrial safe area Performance: IS/IEC 60034-1 Maintenance IS:900 outdoor/deck Indoor Dimensions: IS 1231/IS 2223/IS:8223 Noise level: IS 12055 details Support Content of the second	Image: size of the size o	ik Frame size 1322   ik Applicable standards (latest edition) 1322   ik Industrial safe area Performance: IS/IEC 60034-1 Maintenance IS-900   uiddoor/deck Indoor Dimensions: IS 123/IS 2223/IS 8223   uiddoor/deck Indoor Dimensions: IS 123/IS 223/IS 8223   uiddoor/deck Indoor Dimensions: IS 123/IS 223/IS 8223   details Supply conditions and permissible variations (grid supply)   n GAS (Zone 1/Zone 2) N.A. Number of phases Three   details NA. Voltage (Volts) and permissible variation 415   n protection (FLP/Type N.A. Frequency (Hz) and permissible variation 50   n protection (FLP/Type N.A. Combined variation (absolute sum) ±109   eters ance      g DOL Starting current (%FLC) 650   curre Parabolic TS curve Number of consecutive starts (hot/cold) (sec) 8 /   yrowided Load GD2 = Motor GD2 2 / 3   etar voltage (sec) PLEASE FURNISH ALL ABOVE Number of consecutive starts (hot/cold) (nos.) 2 / 3   etar voltage (sec) IE2 Duty and designation Continuou   mprie by resistance (deg.C) 50 / 70 CDF/Equiv

			Revison	
Project:	Contractor/Client	т	Date:	
Consultant	Package	L	Date.	