Bharat Bijlee Ltd.				
		Customer		
3 Phase Induction Motor		BBL Enquiry reference No		
CUCTON		Customer P.O.Number		
CUSTOM	ER TO FURNISH	W.O. No. / SAP No.	15 /	8P
		Output kW / pole Frame size	1.5 /	-
ls		Applicable standards (latest edition)	112	101
n (Safe / Hazardous)	Industrial safe area	Performance: IS/IEC 60034-1 Maintenance IS:900		
outdoor/deck	Indoor	Dimensions: IS 1231/IS 2223/IS:8223		
	1000 or less	Vibrations: IS 12075		
dotails			(supply)	
	N.A.		Three	
× /	N.A.	Voltage (Volts) and permisible variation	415 ±10%	
	N.A.	Frequency (Hz) and permissible variation	50 ±5%	
n protection (FLP/Type	N.A.	Combined variation (absolute sum)	±10%	
ity for hazardous area	Not Applicable			
eters				
ance		7		
g				
)		1 \ )		60
d curve		provided Load GD2 = Motor GD2	2/3	
tted voltage (sec)	DETAILS			
iunce	IE2	Duty and designation	Continuo	us (S1)
mp.rise by resistance (deg.C)	50 / 70	CDF/Equivalent starts per hour/FI	-	
	TEFC (TOTALLY ENCLOSED FAN COOLED)	Insulation class / utilisation class on DOL	F/B	
(FLC) amps.	4	Rotor type (Squirrel Cage/ Slip ring )	Squirrel Cage	
pm)				
FL/0.75FL/0.5FL	2.1 74.1 74.1 71.0	Stator/rotor time constant (min) Power factor at FL/0.75FL/0.5FL	#N/A 0.70 0.61 0.49	
meters	20		D.C.C.	
				0
on	IP 55		Yes	
g (TEFC/forced cooled/TESC)	TEFC (IC 411)	Paint type	Acrylic	
tor (kgs.)	25	Paint shade	RAL 5000	
		Earthing provision (two terminals on stator body)	Ye	s
		Terminal box		
flexible/Belt &	Direct	Terminal box location when viewed from DE	As per GA drawing	
ulley (OD x width) mm	-	Direction of cable entry	As per GA	drawing
all/angular contact)	Ball /Ball	Cable size and type(Aluminium)	As per GA drawing 1R X 3C X 10 SQ MM OI 2R X 3C X 6 SQ MM	
NDE	6206 2Z C: / 6205 2Z C3	Earthing provision (one terminal in TB)	Ye	-
n	LITHIUM SOAP BASE GREASE	No of phases/Winding connection/number of terminals	3 / STAR / 6	
			·	
s simplex (w/o controller)		Arrow plate for direction of rotation		
per bearing (w/o controller) ngle phase 50z, 230V		Double compression glands (main cable) Double compression glands (Space		
C, 1 number per phase		heater/thermisters/RTDs) Brake (Type/voltage/torque)		
for Accessories				
late				
e values are subject to IS/IEC 6	50034-1 tolerances, unless otherwise s	specified. . starting condition.		
	letails letail	Indoor       Indoor         nutdoor/deck       Indoor         Io00 or less       Indoor         Icals       Indoor         Indoor       Indoor         I	Control         Production         Production           indoor         Dimensions: IS 1231/IS 2223 /IS88223           indoor         Noise level: IS 12055           indoor         Noise level: IS 12055           indoor         Supply conditions and permissible variations (grid           GAS (Zone 1/Zone 2)         N.A.           Voltage (Volts) and permissible variation         (grid           protection (FLP/Type         N.A.           Voltage (Volts) and permissible variation         (grid           protection (FLP/Type         N.A.           Voltage (Volts) and permissible variation         (grid           protection (FLP/Type         N.A.           voltage (Volts) and permissible variation         (grid           protection (FLP/Type         N.A.           CUSTOMER TO FURNISH         Starting current (%FLC)           curre         Parabolic TS curve           Parabolic TS curve         Nomber of consecutive starts hord/old (nos.)           provided Load GD2 = Motor GD2         Instantion class / utilisation class on DOL           FLO_TSFL0.SFL         50 / 70         CDFEquivalent starts per hour/FL           mare         IE2         Duty and designation           mprise by resistance (deg.C)         50 / 70         CDFEquivalent starts per hour/FL	Control and a construction of the constend from DE construction of the construction of the construction

			Revison	
Project:	Contractor/Client		Date:	
Consultant	Package			