Quantity Application Fag no. BBL type tef. Installation detail Area classification Location: indoor/ Altitude (meters) Hazardous area Area classification	<i>ils</i> n (Safe / Hazardous)	ER TO FURNISH	Customer BBL Enquiry reference No Customer P.O.Number W.O. No. / SAP No. Output kW / pole Frame size Applicable standards (latest edition)	15	/ 180L	6P
Quantity Application Fag no. BBL type tef. Installation detail Area classification Location: indoor/ Altitude (meters) Hazardous area Area classification	CUSTOMI ils n (Safe / Hazardous)		Customer P.O.Number W.O. No. / SAP No. Output kW / pole Frame size	15	/ 180L	
Application Fag no. BBL type tef. Installation detail Area classification Location: indoor/ Altitude (meters) Hazardous area Area classification	<i>ils</i> n (Safe / Hazardous)		W.O. No. / SAP No. Output kW / pole Frame size	15	/ 180L	
Tag no. BBL type tef. Installation detail Area classification Location: indoor/ Altitude (meters) Hazardous area Area classification	<i>ils</i> n (Safe / Hazardous)		Output kW / pole Frame size	15	/ 180L	
BBL type tef. <i>installation detail</i> Area classification Location: indoor/ Altitude (meters) Hazardous area Area classification	n (Safe / Hazardous)	Industrial as far	Frame size	15	/ 180L	
Installation detail Area classification Location: indoor/ Altitude (meters) Hazardous area Area classification	n (Safe / Hazardous)	Industrial asfa			180L	
Location: indoor/ Altitude (meters) Hazardous area Area classification	· · · ·	Industrial asfa				
Altitude (meters) Hazardous area Area classification	outdoor/deck	muustriai saie area	Performance: IS/IEC 60034-1 Maintenance IS:900			
Hazardous area		Indoor	Dimensions: IS 1231/IS 2223/IS:8223			
Area classification		1000 or less	Vibrations: IS 12075 Noise level: IS 12065			
			Supply conditions and permissible variations (grid	l supply)		
Jas group	n GAS (Zone 1/Zone 2)	N.A.	Number of phases		Three	
Gas group		N.A.	Voltage (Volts) and permisible variation	415		:10%
Temp.class		N.A.	Frequency (Hz) and permissible variation	50		±5%
Type of Explosion protection (FLP/Type 'e'/Type 'n')		N.A.	Combined variation (absolute sum)		±10%	
Approving author	rity for hazardous area	Not Applicable				
Electrical param						
starting perform						
Method of startin		DOL CUSTOMED TO EUDNISH	Starting current (%FLC)		550	
Load speed (rpm)		CUSTOMER TO FURNISH	Starting torque (%FLT)		230	
Motor GD ² (kgm ²	7)	0.74	Pull out torque (%FLT)		250	-
Load GD ² (kgm ²)		CUSTOMER TO FURNISH	Locked rotor withstand time (hot/cold) (sec)	12	/	24
load torque-spee	d curve	Parabolic TS curve	Number of consecutive starts (hot/cold) (nos.) provided Load GD2 = Motor GD2		2/3	
0	ated voltage (sec)	PLEASE FURNISH ALL ABOVE DETAILS				
Running Perform	nance			r		
Efficiency class		IE2	Duty and designation	Co	ontinuous	(S1)
Ambient temp./te	mp.rise by resistance (deg.C)	50 / 70 TEEC (TOTALLY ENCLOSED	CDF/Equivalent starts per hour/FI	-		
Enclosure		TEFC (TOTALLY ENCLOSED FAN COOLED)	Insulation class / utilisation class on DOL	F/B		
Full load current (FLC) amps.		28.4	Rotor type (Squirrel Cage/ Slip ring)	Squirrel Cage Not applicable 108/146		<u> </u>
Full load speed (rpm) Full load torque (FLT) kg-m		975	Rotor voltage/rotor current (RV/RA) (Volts/Amps)			
	FLT) kg-m t FL/0.75FL/0.5FL	15 89.7 89.7 89.0	Stator/rotor time constant (min) Power factor at FL/0.75FL/0.5FL	0.82	0.78	0.6
Mechanical para		07.1 07.1 07.0	rower factor at FL/0./JFL/0.JFL	0.02	0.70	0.00
Mounting		B8	Mounting dimensions	Ret	fer GA dı	awing
Shaft extention		Single cylindrical	Direction of rotation viewed from DE	1.0	Clockwi	U
Degree of protection		IP 55	Suitable for bidirectional rotation	Yes		
Method of cooling (TEFC/forced cooled/TESC)		TEFC (IC 411)	Paint type			
<u> </u>			Paint type	Acrylic		
Net weight of motor (kgs.)		183	Paint shade	RAL 5000		00
<u></u>		L	Earthing provision (two terminals on stator body)		Yes	
Bearings	/0 11 /D 1: 0		Terminal box			
Coupling (Direct/ Pulley/Gearbox)	nexible/Belt &	Direct	Terminal box location when viewed from DE	As per GA drawing		rawing
	ulley (OD x width) mm	-	Direction of cable entry	-		
Dimenssions of pulley (OD x width) mm				As per GA drawing		
Bearings (roller/ball/angular contact)		Ball /Ball	Cable size and type(Aluminium)	2R x 3C x 16 Sqm		Sqmm
Bearing size DE/	NDE	6310 2Z C3 / 6210 2Z C3	B Earthing provision (one terminal in TB)		Yes	
Type of lubrication		LITHIUM SOAP BASE GREASE	No of phases/Winding connection/number of terminals	3 / DELTA / 6		
Accessories						-
	rs simplex (w/o controller)		Arrow plate for direction of rotation			
3TDs - 1 number	r per bearing (w/o controller)		Double compression glands (main cable)			
Space heaters - single phase 50z, 230V			Double compression glands (Space heater/thermisters/RTDs)			
Thermisters - PTC, 1 number per phase			Brake (Type/voltage/torque)			
Additional T-Box for Accessories Additional nameplate						
Additional namep	nate	L	1	I		
)All performance 2)Performance va	alues are at rated voltage and ra	50034-1 tolerances, unless otherwise s ated frequency condition and for DOL				
2	oad GD^2 assumed wherever no time is more than 10 seconds,	ot mentioned. provision of heavy duty relays is man- ximate.	datory.			

Project:	Contractor/Client		Date:	
Consultant	Package		Date.	