Interflörin denki         Applicable instandis (inter deflicion)           Transformations (Sdr / Loandous)         Indiversital selfs and interflörin indiversital self and selfs and selfs and selfs         Indiversital self and Supple confision and permissible variation (gef apply) <sup>1</sup> transformations (Sdr / Cone / Dore / Samitase Star	Bharat E		Data sheel	t for motors		
Specify generation         Construct PD Number Voids         200         //         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201         ///         201	Manufacturer	Bharat Bijlee Ltd.		Customer		
Uppelcation         CLSITIONER TO FERENSIT         WO. No. / SAP No.         Description         Processing         Processing <th>Type of motor</th> <th>3 Phase Induction Motor</th> <th></th> <th>BBL Enquiry reference No</th> <th></th> <th></th>	Type of motor	3 Phase Induction Motor		BBL Enquiry reference No		
Parton         Output W. (pic.         200         20         27         27           Bit Spep id         Financial         F	Quantity			Customer P.O.Number		
Sile type of	Application	CUSTOM	ER TO FURNISH	W.O. No. / SAP No.		
Description         Applicable standard, data et ellion)           variabs/stants/science/sc						
krast dasdication (3dc/ Hazadoos)       Influstrial sofe area       Performance: IS IEC 6003+1 Maintenance IS 900         constant: audoroutdoctickek       Influence intervention (2013) IS 12158 2223.155 2223         Minde Concern       Stapp performation: IS 10076         Harachous read Mellin       Stapp performation: IS 10076         Tearchous read Mellin       Stapp performation: IS 10076         Tearchous read Mellin       N.A.         Vestage (Vesta) and permittable variation       415         Type (S)       N.A.         Vestage (Vesta) and permittable variation       50       45%         Syne of Exploring moticitien (TD Type       N.A.       Vestages (Hat and permittable variation)       50       45%         Vestage (Vestage Vestages (Hat and permittable variation)       50       45%       416       70         Vestage (Target)       N.A.       Combined variation (absolute sum)       10%       41%       70         Vestage (Target)       N.A.       Combined variation (absolute sum)       2.10       70         Vestage (Target)       OUX (OD REN NEL ALL AS VESTAGE Component)       2.13       70         Starling (Target	BBL type tef.				35	55L
contain induction deck         Index         Distantice III 2118 2223 (8.8223           data drawn         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Image (eff)           March area datal         Nick Evel II 2118 2223 (8.8223         Statistica dataling (eff)           March area dataling         Nick Evel II 2118 2223 (8.8223         Statistica dataling (eff)           March area dataling (eff)         Nick Applicable         Statistica dataling (eff)         1001           March area dataling (eff)         Curvinition Ref (Fin)         100         1001         1001           March area dataling (eff)         Curvinition (Fi)         Nick Applicable	installation deta	uus		Applicable standards (latest edition)		
Namade (merster)         1000 or less         Valuations 13 12055           Manda core details         Sigply conditions and permissible variations (grd pappl)           Nex classification for details         There           Sig grap         N.A.         Valuage (Volto) and permissible variations         [415 = 2106.           Sig grap         N.A.         Valuage (Volto) and permissible variations         [415 = 2106.           Sig grap         N.A.         Combined variations (theodane sum)         [416]           Sig grap         Other states (theodane sum)         [416]         [416]	Area classificatio	on (Safe / Hazardous)	Industrial safe area	Performance: IS/IEC 60034-1 Maintenance IS:900		
Interview         Noise beet: 18 12005         Image: Control of the standard s	Location: indoor	/outdoor/deck	Indoor	Dimensions: IS 1231/IS 2223/IS:8223		
Haarden area details kan area details kan area details kan beer chassission (GSZ (Gus (Zuo 2) NA NA Volage (Viol) and permissible variation 415 410% NA Volage (Viol) and permissible variation 50 45% 45% 10% Califormer Since (H2/Type NA Canbined variation (doubles sum) 410% NA Proporting 40% 40% 40% 40% 40% 40% 40% 40% 40% 40%	Altitude (meters)	)	1000 or less	Vibrations: IS 12075		
Ware classification GAS (Zure 17/me 2)     N.A.     Namber of phases     There       Sing oup     N.A.     Volume of phases     110%       Frequences (M2) and permissible variation     415     ±10%       Freq Classifies protection (FLP/Type     N.A.     Combined variation (absolute sum)     ±10%       Approving authority for hazardows area     Not Applicable     Combined variation (absolute sum)     ±10%       More of a suming     DOI     Suming connect (WFLC)     700       Starting connect (WFLT)     100     100       More of Query)     CLSTOMER FORKISH     Name of connect (WFLT)     100       Load trapac-speed curve     Parabolic TS curve     Number of connect (WFLT)     100       Starting time at rated voltage (sec)     PLEASE FURNISH ALL ABOVE DEFERIAL S     Number of connect (WFLT)     210       Load trapac-speed curve     Parabolic TS curve     Number of connect (WFLT)     210       Line of trapac-speed curve     PLEASE FURNISH ALL ABOVE DEFERIAL S     Summer of connect (WFLT)     210       Line of trapac-speed curve     PLEASE FURNISH ALL ABOVE DEFERIAL S     Summer of connect (WFLT)     210       Line of trapac-speed curve     PLEASE FURNISH ALL ABOVE DEFERIAL S     Summer of connect (WFLT)     200       Line of trapac-speed curve     PLEASE FURNISH ALL ABOVE DEFERIAL S     Summer of connect (WFLT)     21						
Sin group NA. Voltage (Volta) and pervisible variation 415 200 425% Proje of Explosin protection (FLP/Type / NA. Combined variation (absolute sum) 10% Proje of Explosin protection (FLP/Type / NA. Combined variation (absolute sum) 10% Proje of Explosin protection (FLP/Type / NA. Combined variation (absolute sum) 10% Projection protection (FLP/Type / NA. Combined variation (absolute sum) 10% Projection protection (FLP/Type / NA. Combined variation (absolute sum) 10% Projection protection (FLP/Type / NA. Combined variation (absolute sum) 10% Projection protection (FLP/Type / NA. Combined variation (absolute sum) 10% Projection protection (FLP/Type / NA. Combined variation (absolute sum) 10% Projection protection (FLP/Type / NA. Combined variation (absolute sum) 10% Projection (Projection (Proje						
Imported         N.A.         Progeney (Hz) and permissible variation         50         EN           effige in Yo         N.A.         Combined variation (abruits sum)         ±10%           effige in Yo         Not Applicable         Combined variation (abruits sum)         ±10%           definition         Not Applicable         Stating performance         700           definition         Stating performance         700         700           definition         CUSTOMER TO FURNESH         Stating performance         700           definition of the performance         Path on strong performance         15         7         200           doard Orge-performance         Path on strong performance         100         Path on strong performance         100         27.3           doard Orge-performance         PEASH FUNNISH ALL ABOVE         Definition of the strong performance         Continuous (S1)         27.3           definition (absc orgen performance         IE2         Only and designation         Continuous (S1)         200           field road strang / temp/strong to strang / temp/strong by resistance (dag, C)         50         70         70         CDE*Equivalent starts per hours?         Continuous (S1)           field road strang / temp/strong to strang / temp/strong to strang / temp/strang to strang / temp/strang to strang / temp/stran		on GAS (Zone 1/Zone 2)				
Dye of Explosing protection (FLP/Type         N.A.         Combined variation (absolute sum)         110%           Approving submety for hazardous area         Noi Applicable             10%          10%          10%          10%          10%          10%         10%          10%	<u> </u>					
citype in the standous area       No. Applicable       100%         Approving subhority for hazardous area       Noi Applicable       100%         Starting current (N=LC)       700         Starting current (N=LC)       700         Starting current (N=LC)       700         Starting counces       Starting counces (N=LD)       700         Starting counces       Starting counces (N=LD)       700         Starting time at rado voltage (see)       Parloads (TSR (N=LD)       200         Starting time at rado voltage (see)       PALEASE FURNISH ALLAROVE       Number of consecutive starts backdoil (nos.)       2.7.3         Starting time at rado voltage (see)       PEALS       TPFC (TORALLY NEXCLOSE)       Instalation class / utilisation class on DOL       FB         Starting time at rado voltage (see)       TPFC (TORALLY NEXCLOSE)       Instalation class / utilisation class on DOL       FB         Nubiot tomp.comp.ciss by resistance (deg.C)       50       7       70       CDEFEquivalent starts per house/FL	1	n protection (ELD/Tune	N.A.	Frequency (Hz) and permissible variation	50 ±5%	
speciologic authority for hazardous area         Nor Applicable         Image: Control of the starting organization organis of the starting organization of the starting organizat		in protection (I'LF/Type	N.A.	Combined variation (absolute sum)	±1	0%
Bit of a part of the second						
Defining output         Doil.         Starting current (%FLC)         700           ond speed (rpm)         CUSTOMER TO PURNISH         Starting corget (%FLT)         160           and GOP (figm)         I2         Pull on torget (%FLT)         240           and GDY(kgm)         CUSTOMER TO PURNISH         Detection (%FLT)         240           and togen-speed curve         Parabolic TS curve         monitodel Load GD2 = More GD2         2 / 3           Starting time at rated voltage (sec.)         PLEASE TRENSIN ALL ADOVE         Dury and designation         Continuous (S1)           Multient torgename         TEPC (TOTALLY ENCLOSED)         noulation class / utilisation class on DOL         F18           TBC (TOTALLY ENCLOSED)         TEPC (TOTALLY ENCLOSED)         noulation class / utilisation class on DOL         F18           Tail load speed (rpm)         2985         Rotor volgetore current (%FLV) (Volts/Anpp)         Not applicable           Tail load speed (rpm)         2985         Power faction at FLO.3FLO.SFL         0.90         0.88         0.84           Tail load speed (rpm)         2985         Power factor at FLO.3FLO.SFL         0.90         0.88         0.84           Tail load speed (rpm)         915         9.28         Power factor at FLO.3FLO.SFL         0.90         0.86         0.84      <	Approving autho	rity for hazardous area	Not Applicable			
dehad of auring         DOL         Stating current (%FLC)         700           add speed (pm)         CUSTOMER TO FURNISH         Stating current (%FLT)         100           add torque-speed curve         Parabolic TS curve         Number of consecutive starts (hackodd) (ocs)         15         /         30           add torque-speed curve         Parabolic TS curve         Number of consecutive starts (hackodd) (ocs)         2/.3           tarting time at rated voltage (occ)         PLEASE FURNISH ALL ABOVE DEFALLS         Number of consecutive starts (hackodd) (ocs)         2/.3           tarting time at rated voltage (occ)         PLEASE FURNISH ALL ABOVE DEFALLS         Number of consecutive starts (hackodd) (ocs)         2/.3           tarting time at rated voltage (occ)         DEFALLS         Number of consecutive starts (hackodd) (ocs)         2/.3           tarting time at rated voltage (occ)         DEFALLS         Number of consecutive starts (hackodd) (ocs)         2/.3           tarting time at rated voltage (occ)         DEFALLS         Number of consecutive starts (hackodd) (ocs)         2/.3           tarting time at rated voltage (occ)         PLEASE FURNISH ALL ABOVE DEFALLS         Number of consecutive starts (hackodd) (ocs)         2/.3           tarting time at rated voltage (occ)         Starts of consecutive curve (RVRA) (VoltAVA) (VoltAVA) (VoltAVA) (VoltAVA) (VoltAVA) (VoltAVA) (VoltAVA) (VoltAVA) (VoltAVA) (VoltA	Electrical paran	neters	L		I	
and speed (ppn)         CUSTOMER TO FURNSH         Image (rsp. 7)         160           dear GD (kgm²)         12         Pdl out targe (sHET)         240           and O'C(gm²)         CUSTOMER TO FURNSH         Lacked roro withstand time (hotcold) (sec)         15         /         30           and O'C(gm²)         PEASE FURNSH ALL ABOVE         product Lad GD2 = Moor GD2         15         /         30           staring time at rated values (sec)         PLEASE FURNSH ALL ABOVE         product Lad GD2 = Moor GD2         2/3           taring time at rated values (sec)         PLEASE FURNSH ALL ABOVE         Different close         CDFEquivalent stars per hour?         -         -           tablem termy.temp.rise by resistance (deg.C)         50         /         70         CDFEquivalent stars (hor Cub)         FRB           valued sevent (FL) amps.         407         Roor type (Squired Cage Sign ring)         Squired Cage Sign ring)         10         Squired Cage Sign	starting perform	nance				
Along CD <sup>2</sup> (ggm <sup>2</sup> )         12         PHI out regree (SFL7)         240           and CD <sup>2</sup> (ggm <sup>2</sup> )         CUSTOMER TO FURNISH         Locked rear or without dime (horkedd) (ucc)         15         /         30           and GD <sup>2</sup> (ggm <sup>2</sup> )         PHEABE TS CURNISH Locked rear or without dime (horkedd) (ucc)         15         /         30           and rear steped curve         PHEABE TS CURNISH LAL ABOVE         DEFAILS         2/3         2/3           Briting time at rated voltage (sec)         PLEASE TURNISH LAL ABOVE         DEFAILS         Continuous (S1)         2/3           Striking voltage         IE2         Dary and designation         Continuous (S1)         FFB           Value duration (FLC) amps.         407         70         CDEFignizabent stars per hour/FL         -         -           Value duration (FLC) amps.         407         Roor roy (Sigrif Cage Sigrif rig 1)         Stature Cage         Stature Cage Care         Not applicable           Value duration (FLC) amps.         407         285         Roor roy (Sigrif Cage Sigrif rig 2)         Stature Cage Care         Not applicable           Value duration (FLC) amps.         407         285         Roor roy (Sigrif Cage Sigrif rig 2)         Stature Care         Not applicable           Value duration (Sigrif Cage Sigrif rig 2)         Stature Care		0			700	
Cluster Optimized         ClustromER TO FURNISH         Locked rors withstand time (hotecold) (sec)         15         /         30           acad Orycligen?         Parabolic TS curve         Number of consecutive starts (hotecold) (sec)         2 / 3           Maring Endownee         PLEASE FURNISH ALL ABOVE         Number of consecutive starts (hotecold) (sec)         2 / 3           Mainter transp. temp rise by resistance (deg.C)         50         /         70         CDEFequivalent starts per hour?FI         -           Call correct (ELC) argo.         17         70         CDEFequivalent starts per hour?FI         -         -           Tail load current (ELC) argo.         18         70         CDEFequivalent starts per hour?FI         -         -         -           Tail load current (ELC) argo.         18         6         Startorroter time constant (min)         156/211         -						
Construction         Director         Director         Director         Director           Cond torget-speed curve         Parabolic TS curve         Number of consecutive starts (bostoold) (toos)         2 / 3           Starting time at rated voltage (sec)         PLEASE FURNISH ALL ABOVE DETAILS         Number of consecutive starts (bostoold) (toos)         2 / 3           Starting time at rated voltage (sec)         50 / 7         70         CDFEquivalent starts per hourFI         Continuous (S1)           Starting time at rated voltage (sec)         50 / 7         70         CDFEquivalent starts per hourFI         -           Starting time at rated voltage (sec)         50 / 7         70         CDFEquivalent starts per hourFI         -           Starting time at rated voltage (sec)         50 / 7         70         CDFEquivalent starts per hourFI         -           Starting time at rated voltage (sec)         50 / 7         70         Roore (starts)         Starting (Cage Starting in g)         Starting (Cage Starting)         Starting (Cage Starting in g)		,		Pull out torque (%FLT)		40
Conducting inspective         Prantodic is surver         provided Load GD2 = Motor GD2         21.3           Starting time at rated voltage (sec)         PELEXE FURNISH ALL ABOVE DETAILS         provided Load GD2 = Motor GD2         21.3           Starting time at rated voltage (sec)         DE         Day and designation         Continuous (S1)           Anabient temp/temp/temp rise by resistance (deg.C)         D         /         7         CDFEquivalent starts per hour?FI         Continuous (S1)           Anabient temp/temp rise by resistance (deg.C)         D         /         70         CDFEquivalent starts per hour?FI         Continuous (S1)           Anabient temp/temp rise by resistance (deg.C)         D         /         70         CDFEquivalent starts per hour?FI         Continuous (S1)           Anabient temp/temp/temp rise by resistance (deg.C)         D         /         70         CDFEquivalent starts per hour?FI         0.00         0.88         0.84           All load survet (FL) spin         0.31         0.61         Starts starts         Not starts starts         Not starts         <	Load GD <sup>2</sup> (kgm <sup>2</sup> )	)	CUSTOMER TO FURNISH	Locked rotor withstand time (hot/cold) (sec)	15 /	30
Inclusion         Iprovided Load GD2 = Mater GD2           Burning dime at rated voltage (sec)         PLEASE FURNISH ALL ABOVE DITAILS         Iprovided Load GD2 = Mater GD2           Efficiency (stass         IE2         Duty and designation         Continuous (SI) Mathematic engineering of the second se	oad torque-spec	ed curve	Parabolic TS curve		2/2	
DBTUE         Details           Efficiency class         IE2         Day and designation         Continuous (S1)           Anahent temp, temp	2000 torque-spec			provided Load GD2 = Motor GD2	2	
Burning Performance         Del Aults           Efficiency class         6         Continuous (SI)           Efficiency class         Continuous (SI)         70         CDFFguivalent starts per hourFT	Starting time at r	ated voltage (sec)				
Efficiency class         IF2         Day and designation         Continuous (S1)           Ambient temp,temp,trise by resistance (deg.C)         5         /         70         CDF/Equivalent starts per hour/FI         -           Full load current (FLC) amps.         407         Rotor type (Squirrel Cage/Slip ring )         Squirrel Cage           Full load speed (FD)         2985         Rotor type (Squirrel Cage/Slip ring )         Not applicable           Full load speed (FD) kg-m         81.6         Statorotor time constant (min)         156/211           Efficiency in % at FL0.75FL0.5FL         0.90         0.88         0.84           Mounting in % at FL0.75FL0.5FL         0.90         0.88         0.84           Mounting in % at FL0.75FL0.5FL         0.90         0.88         0.84           Mounting in % at FL0.75FL0.5FL         0.90         0.88         0.84           Staff extention         Single cylindrical         Direction of rotation viewed from DE         Clockwise           Staff extention         Single cylindrical         Direction of rotation viewed from DE         Clockwise           Staff extention         Bingle cylindrical         Direction of cable extry         Acrylic           Net weight of motor (kgs.)         1680         Parint shade         PAL<5000	0		DETAILS			
Anihent temp.temp.temp.temp.temp.temp.temp.temp.		mance	IF2	Duty and designation	Continu	ous ( <b>\$</b> 1)
Inclosure         TEFC (TOTALLY ENCLOSED FAN COOLED)         Insulation class / utilisation class on DOL         F/B           Add load current (FLC) amps.         407         Rotor type (Squirrel Cage / Squirrel Cage / Squi		$\frac{1}{2}$		, ,		
Factorum         FAN COOLED)         Institution cases / utilisation class / utilisat		emp.rise by resistance (deg.e)		· · ·	F/B	
Pail load speed (rpm)         2085         Roor voltage/roor current (WRA) (VAlue/Amps)         Not applicable           Efficiency in % at FL0.75FL.0.5FL         95.0         94.5         92.8         Power factor at FL0.75FL.0.5FL         0.90         0.88         0.84           Ifficiency in % at FL0.75FL.0.5FL         95.0         94.5         92.8         Power factor at FL0.75FL.0.5FL         0.90         0.88         0.84           Mounting         B3         Mounting dimensions         Refer GA drawing         Refer GA drawing           Sperce of protection         IP 55         Statuble for bidirectional rotation         Yes           Method of cooling (TEPC/forced cooled/TESC)         TEFC (IC 411)         Paint shade         RAL.5000           Sperce of protection         IE 680         Paint shade         RAL.5000         Retring           Outplies (OD x width) mm         -         Direct         Terminal box         Coation when viewed from DE         As per GA drawing           Starings (collex-ball/angular contact)         Ball /Ball         Cable size and type(Aluminium)         2R X 3C X 300 SQM           Staring stroight (w/o controller)         Direct         Terminal box         Coation memory         As per GA drawing           Staring stroight (w/o controller)         Ball /Ball         Cable size and type(Aluminiu	Enclosure			Insulation class / utilisation class on DOL		
Full bad forque (FLT) kg·m       81.6       Statorrover time constant (min)       1       156211         Efficiency in % at FL0.75FL0.5FL       95.0       94.5       92.8       Power factor at FL0.75FL0.5FL       0.90       0.88       0.84         Mounting       B3       Mounting dimensions       Refer GA drawing         Shaft extention       Single cylindrical       Direction of rotation viewed from DE       Clockwise         Degree of protection       IP 55       Statable for bidirectional rotation       Yes         Method of cooling (TEPC/forced cooled/TESC)       TEFC (IC 411)       Paint type       Acrylic         Net weight of motor (kgs.)       1680       Paint shade       RAL 5000         Bearings       Interction of rotation when viewed from DE       As per GA drawing         Sintenssions of pulley (OD x width) mm       -       Direct       Terminal box location when viewed from DE       As per GA drawing         Bearings (roller/ball/angular contact)       Ball/Ball       Cable size and type(Aluminium)       2R X 3C X 300 SQ MI         Bearing size DENDE       6322 C3       6322 C3       Earthing provision (one terminal in TB)       Yes         Type of lubrication       Unirex-N3 - GREASE       Interminal extended from totation       3 / DELTA / 6         Retrosorie       Mounting Cono	Full load current (FLC) amps.		407	Rotor type (Squirrel Cage/ Slip ring )	Squirrel Cage	
Efficiency in % at FL0.75FL0.5FL     95.0     94.5     92.8     Power factor at FL0.75FL0.5FL     0.90     0.88     0.84       Monanting     B3     Mounting dimensions     Refer GA drawing Clockwise     Refer GA drawing Clockwise       Degree of protection     IP 55     Statable for bidirectional rotation     Yes       Method of cooling (TEPC/forced cooled/TESC)     TEFC (IC 411)     Paint shade     RAL 5000       Earthing provision (two terminals on stator body)     Yes     Yes       Coupling (Direct/flexible/Belt & Pulley/Genrox)     Direct     Terminal box location when viewed from DE     As per GA drawing       Bearings (roller/ball/angular contact)     Ball /Ball     Cable size and type(Aluminium)     2R X 3C X 300 SQ MI       Bearing size DE/NDE     6322 C3     / 6322 C3     Earthing provision (main ralis)     Yes       Type of lubrication     Unirex-N3 - GREASE     Wo of phases/Windig connection/number of terminals     3 / DELTA / 6       Proge are bearing (w/o controller)     Arrow plate for direction of rotation     Single controller     Single controller       Space heaters - single phase 50z, 230 V     Double compression glands (Space heaters - Single phase 50z, 230 V     Double compression glands (Space heaters - Single phase 50z, 230 V       Porter:     Arrow plate for direction of rotation     Single controller     Single controller       Differentiate - single phase 5	Full load speed (	rpm)	2985	Rotor voltage/rotor current (RV/RA) (Volts/Amps)		
Mechanical parameters         B3         Mounting dimensions         Refer GA drawing Mounting dimensions           Main extension         Single cylindrical         Direction of rotation viewed from DE         Clockwise           Degree of protection         IP 55         Suitable for bidirectional rotation         Yes           Method of cooling (TEFC/forced cooled/TESC)         TEFC (IC 411)         Paint shade         RAL 5000           Retrings         IERO (IC 411)         Paint shade         RAL 5000           Rearings         Terminal box         Reat 5000           Coupling (Direct/flexible/Belt & Direct         Direct on cable entry         As per GA drawing Mulley/Gearbox)           Directs         Terminal box location when viewed from DE         As per GA drawing Mulley/Gearbox)           Bearings (roller/hall/angular contact)         Ball /Ball         Cable size and type(Aluminium)         2R X 3C X 300 SQ MI           Bearing size DE/NDE         6322 C3 / 6322 C3         Earthing provision (one terminal in TB)         Yes           Type of lubrication         Unirex-N3 - GREASE         No of phases/Winding connection/number of 3 / DELTA / 6           Mccessories         Hord of condition of rotation         State heater's single phase 50z, 230V         Double compression glands (main cable)           Space heaters - single phase 50z, 230V         Double compression glands (ma	Full load torque (FLT) kg-m					
Mounting         B3         Mounting dimensions         Refer GA drawing           Shaft extention         Single cylindrical         Direction of totation viewed from DE         Clockwise           Shaft extention         IP 55         Statable for biddrectional rotation         Yes           Method of cooling (TEFC/forced cooled/TESC)         TEFC (IC 411)         Paint type         Acrylic           Net weight of motor (kgs.)         1680         Paint shade         RAL_5000           Bearings         Terminal box         Terminal box         Statuble for biddrectional not stator body)         Yes           Bearings         Terminal box         Terminal box         As per GA drawing           Directs         Terminal box         Terminal box         As per GA drawing           Bearings (coller/ball/angular contact)         Ball /Ball         Cable size and type/Aluminium)         2R X 3 C X 300 SQM           Bearings icroller/ball/angular contact)         Ball /Ball         Cable size and type (Aluminium)         2R X 3 C X 300 SQM           Bearings icroller/ball/angular contact)         Ball /Ball         Cabe size and type (Aluminium)         2R X 3 C X 300 SQM           Spe of labrication         Unirex-N3 - GREASE         Earthing provision (one terminal in TB)         Yes           Spea beaters - single phase Solz, 230V         Double com	2		95.0 94.5 92.8	Power factor at FL/0.75FL/0.5FL	0.90 0.88	0.84
Shaft extention         Single cylindrical         Direction of rotation viewed from DE         Clockwise           Degree of protection         IP 55         Suitable for bidirectional rotation         Yes           Method of cooling (TEFC/forced cooled/TESC)         TEFC (IC 411)         Paint shade         RAL 5000           Net weight of motor (kgs.)         1680         Paint shade         RAL 5000           Bearings         Intention of cable on the viewed from DE         Arrylic           Status of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Binenssions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Binenssions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Binenssions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Bearing size DE/NDE         6322 C3         / 6322 C3         Earthing provision (one terminal in TB)         Yes           Type of lubrication         Unirex-N3 - GREASE         No of phases/Winding connection/number of terminals         3 / DELTA / 6           ECOSories         Double compression glands (main cable)         Double compression glands (main cable)         Double compression glands (main cable)	1	ameters	<b>D</b> 2			
Degree of protection         IP 55         Suitable for bidirectional rotation         Yes           Method of cooling (TEFC/forced cooled/TESC)         TEFC (IC 411)         Paint type         Acrylic           Net weight of motor (kgs.)         1680         Paint shade         RAL 5000           Bearings         Terminal box         Rearings (Intro Uffextible/Belt & Utley/Gearbox)         Yes           Outpling (Direct/flextible/Belt & Utley/Gearbox)         Direct         Terminal box location when viewed from DE         As per GA drawing           Starings (roller/hall/angular contact)         Ball /Ball         Cable size and type(Aluminium)         2R X 3C X 300 SQ MI           Bearings ize DE/NDE         6322 C3         / 6322 C3         Earthing provision (one terminal in TB)         Yes           Type of lubrication         Unirex-N3 - GREASE         No of phases/Winding connection/number of         3 / DELTA / 6           TCDS - 3 numbers simplex (w/o controller)         Arrow plate for direction of rotation         Space heaters - single phase 50z, 230V         Double compression glands (main cable)         Space heater'thermisters/RTDs)           Iterminates - PTC , 1 number per phase         Make (Type/voltage/torque)         Additional T-Ros for Accessories         Additional T-Ros for Accessories         Additional Amoplate           Viotes:         ()All performance values are at rated voltage and rated frequercy cond	ē					U
Method of cooling (TEFC/forced cooled/TESC)         TEFC (IC 411)         Paint type         Acrylic           Net weight of motor (kgs.)         1680         Paint shade         RAL 5000           Bearings         Terminal box         RAL 5000           Coupling (Direct/flexible/Belt & Direct         Terminal box         Network           Summersions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Sumenssions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Bearings (roller/ball/angular contact)         Ball /Ball         Cable size and type(Aluminium)         2R X 3C X 300 SQ M           Bearing size DE/NDE         6322 C3         6322 C3         Earthing provision (one terminal in TB)         Yes           Type of lubrication         Unirex-N3 - GREASE         No of phases/Winding connection/number of terminals         3 / DELTA / 6           TDS - 3 numbers simplex (w/o controller)         Arrow plate for direction of rotation         3         JDELTA / 6           Space heaters - single phase 50z, 230V         Double compression glands (main cable)         Motificiant T-800         Motificiant T-800           Additional T-Box for Accessories         Motificiant T-800         Space heaters - single phase 50z, 230V         Mouble compression glands (Space heaters - single phase 50z, 23		tion	5,			
Net weight of motor (kgs.)       1680       Paint shade       RAL 5000         Bearings       Earthing provision (two terminals on stator body)       Yes         Bearings       Terminal box       Coupling (Direct/Rexible/Belt & Direct)       Terminal box location when viewed from DE       As per GA drawing         Dimenssions of pulley (OD x width) mm       -       Direction of cable entry       As per GA drawing         Bearing size DENDE       6322 C3       6322 C3       extra transport of cable entry       As per GA drawing         Bearing size DENDE       6322 C3       6322 C3       for a cable entry       As per GA drawing         Brows       Size Cable size and type(Aluminium)       2R X 3C X 300 SQ M2         Bearing size DENDE       6322 C3       for a cable size and type(Aluminium)       Yes         Type of lubrication       Unirex-N3 - GREASE       No of phases/Winding connection/number of a / DELTA / 6         Recessories       H       Herminals       Size for direction of rotation         BTDs - 1 number per bearing (w/o controller)       Double compression glands (main cable)       Double compression glands (Space heaters - single phase 50z, 230V       Entervintermisters/RTDs)         Thermisters - STC , 1 number per phase       Brake (Type/voltage/torque)       Additional T-Box for Accessories       Additional ameplate       Overse:	<u> </u>					
Earthing provision (two terminals on stator body)         Yes           Bearings         Terminal box           Coupling (Direct/Resible/Belt & Pulley/Gearbox)         Direct         Terminal box         As per GA drawing           Dimensions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Bearing size DE/NDE         6322 C3         / 6322 C3         Earthing provision (one terminal in TB)         Yes           Recessories         Unirex-N3 - GREASE         No of phases/Winding connection/number of terminals         3 / DELTA / 6           Accessories         Earthing provision (one terminal in TB)         Yes         Yes           BTDs - 3 numbers simplex (w/o controller)         Arrow plate for direction of rotation         3 / DELTA / 6           Breacessories         Earthing provision glands (main cable)         Double compression glands (main cable)         Signace heaters - single phase 50z, 230V         Double compression glands (main cable)         Earthing Provide are the site of direction of rotation         Earthing provision (one terminal in TB)         Pieze           Motional nameplate         Double compression glands (main cable)         Earthing the pieze         Earthing t	Method of coolin	ng (TEFC/forced cooled/TESC)	TEFC (IC 411)	Paint type	Acrylic	
Bearings         Terminal box           Coupling (Direct/flexible/Belt & Dulley(Gentox)         Direct         Terminal box location when viewed from DE         As per GA drawing           Dimenssions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Bearings (roller/ball/angular contact)         Ball/Ball         Cable size and type(Aluminium)         2R X 3C X 300 SQ MI           Bearing size DE/NDE         6322 C3         / 6322 C3         Earthing provision (one terminal in TB)         Yes           Type of lubrication         Unirex-N3 - GREASE         Wo of phases/Winding connection/number of terminals         Yes           RTDs - 3 numbers simplex (w/o controller)         Duble compression glands (main cable)         Space heaters - single phase 50z, 230V         Double compression glands (Space heater/thermisters/RTDs)         Entertwhermisters/RTDs)           Space heaters - single phase 50z, 230V         Barke (Type/voltage/torque)         Additional T-Box for Accessories         Additional T-Box for Accessories           Additional T-Box for Accessories         Brake (Type/voltage/torque)         Additional CBD assume/thermisters/RTDs)         Specified.           Dierformance values are at rated voltage and rated frequency condition and for DOL starting condition.         S)Motor GD <sup>2</sup> = Load GD <sup>2</sup> assume wherever not mentioned.         Sylonwat rating is mandatory.         S)Klowat rating is mandatory and PF is approximate. <td>Net weight of mo</td> <td>otor (kgs.)</td> <td>1680</td> <td>Paint shade</td> <td colspan="2">RAL 5000</td>	Net weight of mo	otor (kgs.)	1680	Paint shade	RAL 5000	
Couping Couping (Direct/flexible/Belt & Multey/Gearbox)         Direct         Terminal box location when viewed from DE         As per GA drawing           Dimensions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Barring size DE/NDE         6322 C3         /         6322 C3         /         6322 C3           Fype of lubrication         Unirex-N3 - GREASE         Earthing provision (one terminal in TB)         Yes           Type of lubrication         Unirex-N3 - GREASE         No of phases/Winding connection/number of terminals         3 / DELTA / 6           Accessories					Y	es
Direct         Terminal box location when viewed from DE         As per GA drawing           Orinensions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Bearings (roller/ball/angular contact)         Ball /Ball         Cable size and type(Aluminium)         2R X 3C X 300 SQ M           Bearings (roller/ball/angular contact)         6322 C3         6322 C3         Earthing provision (one terminal in TB)         Yes           Specified         0 univex-N3 - GREASE         No of phases/Winding connection/number of terminals         3 / DELTA / 6           Accessories         Arrow plate for direction of rotation         3 / DELTA / 6           TDs - 1 number per bearing (w/o controller)         Arrow plate for direction of rotation         3 / DELTA / 6           Space heaters - single phase 502, 230V         Double compression glands (Gpace heaters)         Parter/thermisters/RTDs)           Thermisters - PTC , 1 number per phase         Brake (Type/voltage/torque)         Additional nameplate           Votes:         I)All performance values are subject to ISTEC 60034-1 tolerances, unless otherwise specified.         Pierformance values are at rated voltage and rated frequency condition and for DOL starting condition.         S)Motor GD <sup>2</sup> = Load GD <sup>2</sup> assumed wherever not mentioned.           Where starting time is more than 10 seconds, provision of heavy duty relays is mandatory.         S)Klowatt rating is mandatory and HP is approximate	0			Terminal box	1	
ruley(veetros)       0	1 0 \	/flexible/Belt &	Direct	Terminal box location when viewed from DE	As per GA drawing	
Bearings (roller/ball/angular contact)       Ball /Ball       Cable size and type (Aluminium)       2R X 3C X 300 SQ M2         Bearings size DE/NDE       6322 C3       6322 C3       Earthing provision (one terminal in TB)       Yes         Type of lubrication       Unirex-N3 - GREASE       No of phases/Winding connection/number of terminals       3 / DELTA / 6         Accessories       Accessories       Acrow plate for direction of rotation       3 / DELTA / 6         STDs - 1 number per bearing (w/o controller)       Double compression glands (main cable)       Space heaters - single phase 50z, 230V       Double compression glands (Space heater/RTDs)         Space heaters - single phase 50z, 230V       Beater/thermisters/RTDs)       Double compression glands (Space heater/stros)       Accessories         Additional T-Box for Accessories       Brake (Type/voltage/torque)       Additional nameplate       Additional nameplate       Additional nameplate         Votes:       U)All performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.       Synotro GD <sup>2</sup> = Load GD <sup>2</sup> a sumed whereve not mentioned.       Synotro GD <sup>2</sup> = Load GD <sup>2</sup> a sumed whereve not mentioned.       Synotro GD <sup>2</sup> = Load GD <sup>2</sup> a sumed whereve not mentioned.       Synotro GD <sup>2</sup> = Load GD <sup>2</sup> a sumed whereve not mentioned.       Synotro GD <sup>2</sup> = Load GD <sup>2</sup> a sumed whereve not mentioned.       Synotro GD <sup>2</sup> = Load GD <sup>2</sup> a sumed whereve not mentioned.       Synotro GD <sup>2</sup> = Load GD <sup>2</sup> a sumed whereve not mentioned.       Synotro G		nullay (OD r width)				
Bearing size DE/NDE     6322 C3     /     6322 C3     Earthing provision (one terminal in TB)     Yes       Bearing size DE/NDE     0     0     0     phases/Winding connection/number of terminals     3 / DELTA / 6       Accessories     RTDs - 3 numbers simplex (w/o controller)     Arrow plate for direction of rotation     RTDs       BTDs - 1 number per bearing (w/o controller)     Double compression glands (main cable)     RTDs       Space heaters - single phase 50z, 230V     Double compression glands (Space heater/thermisters/RTDs)     RTDs       Thermisters - PTC , 1 number per phase     Brake (Type/voltage/torque)     Additional T-Box for Accessories       Additional nameplate     Notes:     Notes:     Notes:       1)All performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.     Specified.       2)Performance values are at rated voltage and rated frequency condition and for DOL starting condition.     S)Motor GD <sup>2</sup> = Load GD <sup>2</sup> assumed wherever not mentioned.       4)Where starting time is more than 10 seconds, provision of heavy duty relays is mandatory.     S)Kilowatt rating is mandatory and HP is approximate.       5) Accessories provided are marked as "YES"     Error Marked as "YES"	unienssions of p	Juney (OD x width) mm	-	Direction of cable entry	As per GA drawing	
Type of lubrication       Unirex-N3 - GREASE       No of phases/Winding connection/number of terminals       3 / DELTA / 6         Accessories       Accessories       Triminals       3 / DELTA / 6         Accessories       Acrow plate for direction of rotation       3 / DELTA / 6         Accessories       Arrow plate for direction of rotation       3 / DELTA / 6         Accessories       Arrow plate for direction of rotation       3 / DELTA / 6         Stace heaters - single phase 50z, 230V       Double compression glands (main cable)       5         Space heaters - single phase 50z, 230V       Double compression glands (Space heater/thermisters/RTDs)       6         Thermisters - PTC , 1 number per phase       Brake (Type/voltage/torque)       6         Additional T-Box for Accessories       4       6         Additional nameplate       Notes:       6         Voltes:       10/All performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.       20         2)Performance values are trated voltage and rated frequency condition and for DOL starting condition.       3)Motor GD <sup>2</sup> = Load GD <sup>2</sup> assumed wherever not mentioned.         4)Where starting its mandatory and HP is approximate.       5) Accessories provided are marked as "YES"         5) Accessories provided are marked as "YES"       Prepared by       Approved by       Approved by       Revison	Bearings (roller/t	ball/angular contact)	Ball /Ball	Cable size and type(Aluminium)	2R X 3C X 300 SQ MI	
Type of lubrication         Unirex-N3 - GREASE         No of phases/Winding connection/number of terminals         3 / DELTA / 6           Accessories         Accessories         Recessories         Rece	Bearing size DF/	NDE	6322 C3 / 6322 C3	Earthing provision (one terminal in TR)	v	es
Type of hubication       Context-NS - OREASE       terminals       S / DELTA / 6         Accessories       terminals       S / DELTA / 6         Accessories       Arrow plate for direction of rotation       S         BTDs - 3 numbers simplex (w/o controller)       Double compression glands (main cable)       S         Space heaters - single phase 50z, 230V       Double compression glands (Space heater/thermisters/RTDs)       F         Thermisters - PTC, 1 number per phase       Brake (Type/voltage/torque)       S         Additional T-Box for Accessories       Image: Context and the second sec						
RTDs - 3 numbers simplex (w/o controller)       Arrow plate for direction of rotation         3TDs - 1 number 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         Votes:       I)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 <sup>2</sup> = Load GD <sup>2</sup> 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.         5) Accessories provided are marked as "YES"         Image: Prepared by Approved by Revison	ype of lubrication	on	Unirex-N3 - GREASE		3 / DE	LIA/6
BTDs - 1 number per bearing (w/o controller)       Double compression glands (main cable)         Space heaters - single phase 50z, 230V       Double compression glands (Space heater/thermisters/RTDs)         Brhemisters - PTC , 1 number per phase       Brake (Type/voltage/torque)         Additional T-Box for Accessories       Brake (Type/voltage/torque)         Additional nameplate       Votes:         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 <sup>2</sup> = Load GD <sup>2</sup> 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.       5) Accessories provided are marked as "YES"         Prepared by       Approved by         Revison       Revison						
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         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 <sup>2</sup> = Load GD <sup>2</sup> 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		· · ·		-		
space neaters - single phase 302, 230V       heater/thermisters/RTDs)         Intermisters - PTC, 1 number per phase       Brake (Type/voltage/torque)         Additional T-Box for Accessories       Additional nameplate         Additional nameplate       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 <sup>2</sup> = Load GD <sup>2</sup> 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.       5) Accessories provided are marked as "YES"         Image: Prepared by Approved by Revison       Approved by Revison	BTDs - 1 number per bearing (w/o controller)					
heater/thermisters/RTDS)       heater/thermisters/RTDS)         Fhermisters - PTC , 1 number per phase       Brake (Type/voltage/torque)         Additional T-Box for Accessories       Additional T-Box for Accessories         Additional nameplate       Notes:         1)All performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.       Notes:         2)Performance values are at rated voltage and rated frequency condition and for DOL starting condition.       3)Motor GD <sup>2</sup> = Load GD <sup>2</sup> 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.         5) Accessories provided are marked as "YES"       Prepared by         Approved by       Approved by         Revison       Revison	Space heaters - s	ingle phase 50z, 230V		1 8 1		
Additional T-Box for Accessories	<u> </u>					
Additional nameplate				Drake (1 ypt/voltage/lorque)		
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 <sup>2</sup> = Load GD <sup>2</sup> 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.         5) Accessories provided are marked as "YES"         Prepared by         Approved by         Revison						
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 <sup>2</sup> = Load GD <sup>2</sup> 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.         5) Accessories provided are marked as "YES"         Prepared by         Approved by         Revison		•	1	1	1	
3)Motor GD <sup>2</sup> = Load GD <sup>2</sup> 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	)All performance	ce values are subject to IS/IEC $\epsilon$	50034-1 tolerances, unless otherwise s	specified.		
Where starting time is more than 10 seconds, provision of heavy duty relays is mandatory.         5)Kilowatt rating is mandatory and HP is approximate.         5) Accessories provided are marked as "YES"         Prepared by         Approved by         Revison		-		starting condition.		
5) Kilowatt rating is mandatory and HP is approximate.         6) Accessories provided are marked as "YES"         Prepared by         Approved by         Revison						
5) Accessories provided are marked as "YES"           Prepared by         Approved by           Revison         0	, .			datory.		
Prepared by Approved by Revison	-		ximate.			
Approved by Revison	<ol><li>Accessories pr</li></ol>	rovided are marked as "YES"				
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Consultant	Package		Date:	<u> </u>