Stype of nonline         BH. Englary reference No         Image: Custom of the stype of the st							
Description         CUSTORE TO FURNISH         Controls F 0. Number         Vol. SAP No.           Fig and the control for the second se	Manufacturer	Bharat Bijlee Ltd.					
Species         CLSTOMER TO FURNISH         WO, No. / A.P. No.         Joint Composition           Till type tot.         Compute WV pole         37         /         JOINt           Variation of Soft/ Handoos)         Individual stafe was         Performance: ISE: (2015): 22: 23: 85: 223: 30: 1000         JOINt           Variations of Soft/ Handoos)         Individual stafe was         Performance: ISE: (2015): 22: 23: 85: 223: 30: 10: 10: 10: 10: 10: 10: 10: 10: 10: 1	Type of motor	3 Phase Induction Motor		BBL Enquiry reference No			
Description         Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>	Quantity			Customer P.O.Number			
Bit type etc.         Prane size         2001.           Vers chasification (Sdc/ Haurdow)         Individial off and an Performance. ISBC: 0004-1 Mantemance IS 900.           Vers chasification (Sdc/ Haurdow)         Individial off and an Performance. ISBC: 0004-1 Mantemator IS 900.           Vers chasification (Sdc Pate Zane 2)         N.A.           Versities: IS 12065         There were statistication (Sdc Pate Zane 2)           Were chasification (Sdc Pate Zane 2)         N.A.           Versities: IS 12065         There were statistication (Sdc Pate Zane 2)           Were chasification (Sdc Pate Zane 2)         N.A.           Versities: IS 12065         There were statistication (Sdc Pate Zane 2)           N.A.         Versities: (Sdc Pate Zane 2)           N.A.         Versities: (Sdc Pate Zane 2)           N.A.         Versities: (Sdc Pate Zane 2)           N.A.         Combined variation (data off the 2)           N.A.         Combined variation (data off the 2)           Versities: (Sdc Pate Zane 2)         N.A.           Statistics: (Sdc Pate Zane 2)         N.A.           Versities: (Sdc Pate Zane 2)         N.A.           Statistics: (Sdc Pate Zane 2)         N.A.           Statistics: (Sdc Pate Zane 2)         N.A.           Statistics: (Sdc Pate Zane 2)         N.A.           Sta	Application	CUSTOM	ER TO FURNISH	W.O. No. / SAP No.			
Institution data         Applicable standards (date etilion)           Var closification (Sdc/ Hazadom)         Industrial and area         Performance: ISIEC 6034-1 Maintenance IS900           Construction (Sdc/ Hazadom)         Industrial and area         Performance: ISIEC 6033-1 Maintenance IS900           Construction (Sdc/ One 12/One 2)         N.A.         Values of phases         There           Sing report         N.A.         Poopearcy (Hz) and permissible variations         30         2.10%           Electrical performance         Not Applicable         Saming correspondence         4.10%         2.00           Electrical performance         Dect Corr (NER)         Saming correspondence         2.13         2.10%           Electrical performance         Dect Corr (NER)         Saming correspondence         2.13         2.10%           Electrical performance         Dect Corr (NER)         Saming correspondence	Tag no.				37	/	2P
tran chosification (Sule / Hazmatons)     Industrial safe area     Performance ISHEC 6034-1 Maintenance IS-800       constrain indervormdoruteck     Industrial safe area     Dimensions IS 12/18 22/24/S8 22/3       Hander (meters)     Industrial safe area     Supple conditions and permissible mainton (grid supple)       Handrone area defail     NA     Volgage (Vold) and permissible variation     415     2100       Stag stopp     NA     Volgage (Vold) and permissible variation     50     2510       Stag stopp     NA     Volgage (Vold) and permissible variation     50     2510       Stag stopp     NA     Volgage (Vold) and permissible variation     50     2510       Stag stopp     NA     Combined variation (abodate sum)     110%       Vigo E (Specific parameter     Starting portuge (Vold)     600       Addres of Discopp     CUSTOMER TO FURNER     Starting portuge (Vold)     200       and Chrightspin     CUSTOMER TO FURNER     Starting portuge (Vold)     21     2       and transport portuge (Start)     Parabolics (Start)     Starting portuge (Vold)     21     2       Transport     Parabolics (Start)     Added framing     21     2     2       Starting portuge (Start)     Customer (Start)     Customer (Start)     2     3       Transport     Parabolics (Start)     Cu		ils				200L	-
Control index (number)         Indian         Dimension: B 13316 222318 4223           Control index (number)         LOBO or loss         Wite (weil, B) 13056           Mande (neeres)         LOBO or loss         Wite (weil, B) 13056           Mande (neeres)         NA         Number (weil, B) 13056           Mande (neeres)         NA         Combined variation (weil, B) 13056           Mande (neeres)         CBSTOMER FORMSHAL         Mande (neeres)         200           Mande (neeres)         CBSTOMER FORMSHAL         Mande (neeres)         210<			Industrial safe area				
Name         1000 or less         Venturions 15 (2023)           Transform are details         Supply conditions and permissible variations. (get/supply)         The classification of the subset of phases           Values (constrained results)         NA         Values (cold) and permissible variation.         410 of the subset of phases           Values (cold)         NA         Values (cold) and permissible variation.         410 of the subset of phases           Values (cold)         NA         Combined variation (doelder sum)         410 station.           Values (cold)         NA         Combined variation (doelder sum)         410 station.           Values (cold)         NA         Combined variation (doelder sum)         410 station.           Values (cold)         NA         Combined variation (doelder sum)         410 station.           Values (cold)         Customed station.         Not Applicable         500 station.           Values (cold)         Customed station.         120 station.         20 station.           Values (cold)         Parabolis (Sam)         Values (Cold) (cold).         2 / 3 station.           Values (cold)         Parabolis (Sam)         Values (Cold) (cold).         2 / 3 station.           Values (cold)         Parabolis (Sam)         Values (Cold) (cold) (cold).         2 / 3 station. <td< td=""><td colspan="2">× ,</td><td></td><td></td><td></td><td></td><td></td></td<>	× ,						
Handman area datability         Supply conditions and permissible variations (geld apply)           The classification GS Zone (Zone 2)         N.A.         Voltage (Volta) and permissible variations         41.5         110%           Data grapp         N.A.         Voltage (Volta) and permissible variations         41.5         110%           Stripp ET Splachian protection (FEPType (Type tr)         N.A.         Combined variation (shoulare sum)         210%           Spring ET Splachian protection (FEPType (Type tr)         N.A.         Combined variation (shoulare sum)         210%           Spring Time Splachian protection (FEPType (Type tr)         N.A.         Combined variation (shoulare sum)         210%           Spring Time Splachian protection (FEPType (Type tr)         N.A.         Combined variation (shoulare sum)         210%           Spring Time Splachian protection (FEPType (Type tr)         N.A.         Nort Applicable         200           Spring Time Splachian protection (FEPType (Type tr))         0.573         Public other component sum (shoular sum)         21.3           Suming time at rand values (ske)         PELASE FURNISH JALLABOVE DETAILS         Detail and CD2         2.7         2.7           Suming time at rand values (ske)         PELASE FURNISH JALL ABOVE DETAILS         Detail transformation sum (ske) (ske)         2.7           Suming time transformance         F							
Starting fine at rated voltage (vec)         N.A.         Number of phases.         D         D         Three matches the starting of the starting consider variation.         415         110%.           Proper displaying protection (FLP/Type         N.A.         Progeney (HD) and permissible variation.         50         25%.           Proper displaying protection (FLP/Type         N.A.         Combined variation.         50         25%.           Proper displaying protection (FLP/Type         N.A.         Combined variation.         650         45%.           Proper displaying protection (FLP/Type         N.A.         Combined variation.         650         45%.           Variation of turnor         CUSTOMER D PURISHAL         Starting correct (%FLC)         650         45%.           Variation of turnor         CUSTOMER D PURISHAL         Number of corrective turn: (bit (xid)) (yec)         12         7         24%.           Variation of turnor         Parabolic TS curve         Parabolic TS curve         Starting curve (VELQ)         12         7         24%.           Starting time at rated voltage (sec)         PLEASE FURNISH ALL ADVE         Devide at card voltage (rm)         27.3         Starting curve (VELQ)         12         7         27.3           Starting time restrations (to Curve (VELQ) andps.         64.7         Notariation t							
Size group     N.A.     Voltage (Volta) and permissible variation     415     4.0%       Stripe of Explosion protection (FLP/Type (Fype Va)     N.A.     Combined variation (absolute sum)     210%       Stripe of Explosion protection (FLP/Type (Fype Va)     N.A.     Combined variation (absolute sum)     210%       Stripe of Explosion protection (FLP/Type (Fype Va)     N.A.     Combined variation (absolute sum)     210%       String performance     Starting correct (NFLC)     650     650       Starting performance     Starting correct (NFLC)     650       Starting performance     OLSTOMER TO FURNISH     Starting correct (NFLC)     650       Starting performance     OLSTOMER TO FURNISH     Starting correct (NFLC)     200       Starting turn and soluting to the performance     Number of consecutive starts (Moded) (nos.)     21     /       Starting turn and soluting to the performance     FE2     Duty and designation     Continuous (SI)       Starting turn and soluting to the performance     FE2     Duty and designation     Continuous (SI)       Starting performance     FE2     Duty and designation     Starting correct (VEAR) (Volta).     Starting correct (VEAR) (Volta).       Starting performance     FE2     Duty and designation class / stillastion class / s	Hazardous area	details		Supply conditions and permissible variations (grid	l supply)		
Energ. Liss.         N.A.         Progenergy (Hz) and permissible variation         S0         ±5%           VP/pre of Explosing protection (PLP/Type         N.A.         Combined variation (absolute sum)         110%           Approxing subboily for hazardous area         Nor Applicable          110%           Approxing subboily for hazardous area         Nor Applicable         Starting current (MELC)         650           Starting torget (pm)         CUSTOMER TO FURNISH         Starting torget (MELC)         650           Aud Opto-Speed curve         Parabolic TS surve         Number of concurrents us trait functional (noc)         12         /         24           Starting time at rated voltage (oc)         PLEASE FURNISH ALL ABOVE DEFTAILS         Number of concurrents us trait functional (noc)         2./         2           Starting time at rated voltage (oc)         PLEASE FURNISH ALL ABOVE DEFTAILS         Insultation class on DoL         FB           Starbing tarter is the statulance (deg C)         50         7         70         CDEFEquivalent starter per hour-FI         -		n GAS (Zone 1/Zone 2)				Three	e
Dyc of Explosion protection (FLP/Type         N.A.         Combined variation (absolute sum)         110%           Approving authority for hazardous area         Not Applicable         110%         110%           Streining profermance         Starting corrent (NFLC)         650         650           Starting profermance         Not Applicable         Nations torque (NFLT)         200           Addit Of Quan's         CUSTOMER TO PURNEN         Starting torque (NFLT)         200           Code GD'Quan's         CUSTOMER TO PURNEN         Number of coascuttive starts (hot/code) (see:)         12         /         2/           Starting torgunation         Parabolic TS curve         Parabolic TS curve         Number of coascuttive starts (hot/code) (see:)         12         /         2/           Starting torgunation         Parabolic TS curve         Parabolic TS curve         Number of coascuttive starts (hot/code) (see:)         12         /         2/           Starting torgunation         Parabolic TS curve         Parabolic TS curve         Number of coascuttive starts (hot/code) (see:)         12         /         2/           Starting torgunation         Parabolic TS curve         Parabolic TS curve         Not oppictobic TS curve<	Gas group						
Citype toy         Image: Comparison of the control of the contro of the control of the contro	1		N.A.	Frequency (Hz) and permissible variation	50		±5%
Bitchical parameters         Image: Characters         Starting current (%PLC)         650           Secting parameters         CUSTOMER TO FURNESH         Surface program (%PLT)         260           Acad OCC (Topm)         CUSTOMER TO FURNESH         Surface program (%PLT)         300           Call OCC (Topm)         CUSTOMER TO FURNESH         Locked rotor withstand time (hereadd) (see)         12         /         24           Sand OC (Topm)         CUSTOMER TO FURNESH         Locked rotor withstand time (hereadd) (see)         12         /         24           Sand Topic speed curve         PREADE: Termony of conservice time (hereadd) (see)         12         /         24           Starting time at rated voltage (see)         PLEASE TURNESH ALL ABOVE DETAILS         Number of conservice time (hereadd) (see)         27/3           Starting time at rated voltage (see)         PLEASE TURNESH ALL ABOVE DETAILS         Number of conservice time (hereadd) (see)         27/3           Starting time at rated voltage (see)         PLEASE TURNESH ALL ABOVE DETAILS         Number of conservice time of see (sec)         F           Starting time at rated voltage (see)         PLEASE TURNESH ALL ABOVE DETAILS         Number of conservice (sec)         F           Starting time at rated voltage (see)         TTEC (TORLLY ENCLOBE         Install intro cosstart (intrin)         Not applicable	Type of Explosion protection (FLP/Type 'e'/Type 'n')		N.A.	Combined variation (absolute sum)		±10%	b
Sinching performance UCINTOMER TO PERNISH Starting corrent (%FLC) G60 CONTROL CONTOMER TO PERNISH CONTROL FOR THE PLACE OF CONTROL CONTR CONTROL CONTROL CONTROL CONTROL CONTR	Approving authority for hazardous area		Not Applicable				
deb.of or starting         DDL         Starting current (%LQ.)         660           coad speed (pp)         CUSTOMER TO FURNESH         Starting current (%LQ.)         600           and GD (kgm <sup>2</sup> )         CUSTOMER TO FURNESH         Locket or over withstand time (her/codd) (see)         12         /         24           and forgie speed curve         Purabolic TS curve         Number of consecutive starts (br/codd) (see)         12         /         24           Starting time at rated voltage (see)         PLEASE FURNESH ALL ABOVE DETAILS         Number of consecutive starts (br/codd) (see)         12         /         24/3           Strikerse (dass         E2         Duty and designation         Continuous (S1)         7           Ambtent temp /temp /tem /tem /tem /tem /tem /tem /tem /tem	Electrical param	neters		I	I		
cod spec (pp.)         CUSTOMER TO FURNISH         Stating torage (%FLT)         260           door CD* (kgm*)         CUSTOMER TO FURNISH         Pall ont torgot (%FLT)         300           .ad GD?(kgm*)         CUSTOMER TO FURNISH         Lackad roor withstand time (haricald) (sec)         12         /         24           .add GD?(kgm*)         CUSTOMER TO FURNISH         Lackad roor withstand time (haricald) (sec)         12         /         24           Starting time at nied voltage (sec)         Probabit TS curve         Number of consecutive starts (backad) (soc.)         2/3           Starting time at nied voltage (sec)         DETAILS         Details         Continuous (S1)           Multish of career         TEPC (TOTALLY ENCLOSED         Insulation class / utilisation class on DOL         FB           Stadiosure         TEPC (TOTALLY ENCLOSED         Insulation class / utilisation class on DOL         FB           Vali load oped (FD)         2955         Statorrotor time constant (min)         144/194           Staticacting in & start on the All (VoltArAl) (VoltArAny)         Nota applicable         0.86         0.83         0.7           Wall load oped (FD) Kgm         B3         Mounting dimensions         Refer GA drawing         Statube for NAL (VoltArAl) (VoltArAny)         Nota applicable           Wall load sped (onoror (kgs.)	01 0				·		-
Mon CD <sup>2</sup> (kgm <sup>2</sup> )         0.73         Pull out orage (%FL7)         300           and CD <sup>2</sup> (kgm <sup>2</sup> )         CUSTOMER TO FURNSH         Locked roor withstand time (hotebald) (sec)         12         /         24           and CD <sup>2</sup> (kgm <sup>2</sup> )         PlackSE FURNISH ALL ABOVE         Number of consecutive stars bole:Odd) (mos.)         2 / 3         2 / 3           Starting time at rated voltage (sec)         PlackSE FURNISH ALL ABOVE         Day and designation         2 / 3           Minion tomp, Furny file by resistance (deg. C)         50         7         70         CDFFaginalent stars per hour FI		0					
Construction         CUSTOMER TO FURNISH         Locked roror withstand time (hot/cold) (sec)         12         /         24           and Org(per)         Parabolic TS curve         Number of consecutive starts (hot/cold) (nos.)         2/3           Starting time at rated voltage (sec)         PLEASE FURNISH ALL ABOVE DETAILS         Number of consecutive starts (hot/cold) (nos.)         2/3           Starting time at rated voltage (sec)         PLEASE FURNISH ALL ABOVE DETAILS         Constructive starts (hot/cold) (nos.)         2/3           Starting time at rated voltage (sec)         PLEASE FURNISH ALL ABOVE DETAILS         Constructive starts (hot/cold) (nos.)         2/3           Starting time at rated voltage (sec)         FEC         Constructive starts (hot/cold) (nos.)         2/3           Starting time at rated voltage (sec)         FEC         Constructive starts (hot/cold) (nos.)         2/3           Starting time at rated voltage (sec)         FEC         Constructive starts (hot/cold) (nos.)         2/3           Starting time at rated voltage (sec)         FEC (TOTALLY ENCLOSE)         Issue (hot/cold) (nos.)         0.01         FEB           Starting time at rated voltage (sec)         12.2         Starting (hot/cold) (hot/co							
Jame Construction         Parabolic TS curve         Number of connecutive starts (hotcold) (nos.)         1/2         2 / 3           Starting time at rated voltage (sec)         PLEASE FURNISH ALL ABOVE DETAILS         Provided Load GD2 = Motor GD2         2 / 3           Starting time at rated voltage (sec)         PLEASE FURNISH ALL ABOVE DETAILS         Dury and designation         Continuous (S1)           Minishert (seng, Jeng, Fuel by resistance (deg, O         50         1         70         CDFFEquivalent starts per hour/FI         -           Starts (deg)         112°         70         CDFFEquivalent starts per hour/FI         -         -           Start (LOG)         50         1         70         CDFFEquivalent starts per hour/FI         -         -           Start (LOC)         120         50         1         70         CDFFEquivalent starts per hour/FI         - <td>()</td> <td>~)</td> <td></td> <td>1</td> <td></td> <td>300</td> <td></td>	()	~)		1		300	
Cond tragge speed curve         PLEASE FURNISH ALL ABOVE DETAILS         provided Load GD2 = Motor GD2         All All AL Second Second Secon	Load GD <sup>2</sup> (kgm <sup>2</sup> )		CUSTOMER TO FURNISH		12	/	24
Interception of the second s	Load torque-speed curve		Parabolic TS curve			2/3	
Sarting time at rated voltage (sec) DETAILS  Detains Detai				provided Load GD2 = Motor GD2			
Effection procession         IE2         Dary and designation         Continuous (S1)           Anabient temp.temp.ites by resistance (deg.C)         0         70         CDFEquivalent starts per hourFI         -           Sciolsour         TEFC (TOTALLY ENCLOSED FAN COOLED)         Instalation class / utilisation class on DOL         F/B           Aul load correct (FLC) amps.         64.7         Rotor type (Squirrel Cage' Slip ring.)         Not applicable           Aul load correct (FLC) amps.         64.7         Rotor type (Squirrel Cage' Slip ring.)         Not applicable           All load correct (FLC) amps.         64.7         Rotor type (Squirrel Cage' Slip ring.)         Not applicable           Bill add correct (FLC) amps.         92.5         91.0         Power factor at FLO.75FLO.5FL         0.86         0.83         0.0.7           Bill add correct (FLS, emm.         92.5         92.5         91.0         Power factor at FLO.75FLO.5FL         0.86         0.83         0.0.7           Staff extension         Single cylindrical         Direction of rotation rotation rotation or station rotation         Yes         Ves         Ves         Acrylic         Ket weight of motor (kgs.)         Yes         Terminal box         Catalion (Cultable         Rel GA drawing           Direction of cable entry         As per GA drawing         Sin aunbre singles	Starting time at ra	ated voltage (sec)					
Ambient temp./temp.rise by resistance (deg. C)       50       /       70       CDF/Equivalent starts per hour/FI       -         Sindosure       TEFC (TOTALL YENCLOSED FAN COOLED)       Insulation class / utilisation class on DOL       F/B         Sind load current (FLC) amps.       64.7       Rotor type (Squirrel Cage Slip ring )       Squirrel Cage         Sind rotuge (H2T) kg-m       12.2       Statorrotor time constant (min)       144/194         Sind rotuge (H2T) kg-m       12.2       Statorrotor time constant (min)       144/194         Sind rotuge (H2T) kg-m       12.2       Statorrotor time constant (min)       144/194         Sind rotuge (H2T) kg-m       12.2       Statorrotor time constant (min)       144/194         Sind rotuge (M2T) kg-m       12.2       Statorrotor time constant (min)       144/194         Sind rotuge (M2T) kg-m       12.2       Statorrotor time constant (min)       144/194         Sind rotuge (M2T) kg-m       12.2       Paint shade       Refer GA drawing         Sind rotuge (M2T) kg-m       272       Paint shade       RAL syno         Optime (Direct/flexible/Belt &       Direct       Terminal box location when viewed from DE       As per GA drawing         Sing rotuge (OD x width) mm       -       Directind box       Terminal box location when viewed from DE       As per GA		nance			1		
Inclosure         TEFC (TOTALLY ENCLOSED FAN COOLED)         Insulation class / utilisation class on DOL         F/B           Aull bad current (FLC) amps.         64.7         Rotor voltage/rator current (WNA) (Volts/Amps)         Squired Cage           Aull bad speed (rpm)         2955         Rotor voltage/rator current (WNA) (Volts/Amps)         Not applicable           Aull bad speed (rpm)         12.2         Statory ortiging/applicable         0.86         0.83         0.7           Mechanical parameters         B3         Mounting dimensions         Refer GA drawing         0.86         0.83         0.7           Method o colling (TEFC/forced cooled/TESC)         TEFC (IC 411)         Paint type         Acrylic         New seght of motor (kgs.)         272         Paint shade         RAL 5000         RAL 5000           Bearings         272         Paint shade         Terminal box         Colleckwise         Acrylic         New Segme of public (low terminals on stator body)         Yes           Statings (coller/flexible/Belt & Direct         Direct (L 411)         Paint type         Acrylic         New Galt of motor (kgs.)         272         Paint shade         Acrylic         New Galt of motor (kgs.)         RAL 5000         Ratings coller/flexible/Belt & Direct (low 100 motor (kgs.)         RAL 5000         Ratings colle coller/stator data stator of calse entry         As per					Co		s (S1)
nclosure     FAN COOLED)     Institution class / utilisation class / ut	Ambient temp./temp.rise by resistance (deg.C)			CDF/Equivalent starts per hour/FI		-	
Pull bad speed (rpm)         2955         Rotor vallage/roor current (RVRA) (Volts/Anpps)         Not applicable           efficiency in % at FL0.75FL.0.5FL         92.5         92.5         91.0         Power factor at FL0.75FL.0.5FL         0.86         0.83         0.7           Mechanical parameters           Mounting         B3         Mounting dimensions         Refer GA drawing.           Shaft extention         Single cylindrical         Direction of rotation view of mo DE         Clockwise           Degree of protection         P 55         Suitable for bidirectional rotation         Yes           Method of cooling (TEPC/forced cooled/TESC)         TEPC (IC 411)         Paint type         Acrylic           Start extension         272         Paint shade         RAL 5000         Earthing provision (two terminals on stator body)         Yes           Startings         Terminal box location when viewed from DE         As per GA drawing         As per GA drawing           Starting size DENDE         6312 2Z C3 / 6212 2Z C3         Terminal box location when viewed from DE         As per GA drawing           Starting size DENDE         6312 2Z C3 / 6212 2Z C3         No of phases/Windig connectroin/number of terminals         Terminal box location           TDPs of lubrication         LITHIUM SOAP BASE GREASE         No of phases/Winding connection/num	Enclosure			Insulation class / utilisation class on DOL	F/B		
Ault load torque (FLT) kg·m       12.2       Stator/toro time constant (min)       144/194         Efficiency in % at FL0.75FL0.5FL       92.5       92.5       91.0       Power factor at FL0.75FL0.5FL       0.86       0.83       0.7         Mounting       B3       Mounting dimensions       Refer GA drawing         Single cylindrical       Direction of rotion viewed from DE       Clockwise       Clockwise         Segre 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.)       272       Paint shade       RAL 5000         Bearings       Terminal box       Caction when viewed from DE       As per GA drawing         Suppling (Direct/Resible/Beh & Direct       Terminal box location when viewed from DE       As per GA drawing         Saring size DE/NDE       G312 2Z C3       6212 2Z C3       Cable size and type (Aluminium)       2R X 3C x 50 SQ MI         Searing size DE/NDE       G312 2Z C3       6212 2Z C3       Earthing provision (one terminal in TB)       Yes         TDs - 1 number per bearing (w/o controller)       Davide compression glands (main cable)       Double compression glands (main cable)       Spece for direction of rotation       Trow plate for direction of ro	Full load current (FLC) amps.			Rotor type (Squirrel Cage/ Slip ring )	Squirrel Cage		
Efficiency in % at FL0.75FL0.5FL       92.5       92.5       91.0       Power factor at FL0.75FL0.5FL       0.86       0.83       0.7         Mechanical parameters       B3       Mounting dimensions       Refer GA drawing       0.76         Shaft extention       Single cylindrical       Direction of rotation viewed from DE       Clockwise         Degree of protection       IP 55       Suitable for bifurctional rotation       Yes         Method of cooling (TEPC/forced cooled/TESC)       TEFC (IC 411)       Paint type       Acrylic         Net weight of motor (kgs.)       272       Paint shade       RAL 5000         Starrings       Terminal box       Terminal box       Catoling for the shade       RAL 5000         Starrings       Terminal box       Terminal box       As per GA drawing         Onlerect       Terminal box       Catolion of cable entry       As per GA drawing         Staring size DE/NDE       6312 2Z C3       6212 ZZ C3       Earthing provision (one terminal in TB)       Yes         Pype of lubrication       LTH/UM SOAP BASE GREASE       No of phases/Winding connection/number of       3 / DELTA / 6         Stocessories       Stocessories       Mounting connection for lation       Stocessories       Stocessories         Oblable compression glands (main cable)       D	Full load speed (rpm)						
Mounting         B3         Mounting dimensions         Refer GA drawing Single cylindrical           Direction         IP 55         Suitable for bidirectional rotation         Yes           Method of cooling (TEFC/forced cooled/TESC)         TEFC (IC 411)         Paint shade         ReAL 5000           Net weight of motor (kgs.)         272         Paint shade         RAL 5000           Bearings         Terminal box         Read 5000         Yes           Coupling (Direct/flexible/Belt & Ulley/Gearbox)         Direct         Terminal box         Read 700           Dimensions of pulley (OD x width) mm         -         Direction of cable entry         As per GA drawing           Starting (roller/ball/angular contact)         Ball /Ball         Cable size and type(Aluminium)         2R X 3C x 50 SQ MI           Starting for vibrication         LITHIUM SOAP BASE GREASE         No of phases/Winding connection/number of terminals         3 / DELTA / 6           Creassories         C1         Arrow plate for direction of rotation         3 / DELTA / 6           Dispate heaters - single phase 50x, 230V         Double compression glands (main cable)         Double compression glands (main cable)           Space heaters - single phase 50x, 230V         Double compression glands (Space heater/thermisters/RTDs)         Entertion of rotation           Directionan randeplate         D	Efficiency in % at	t FL/0.75FL/0.5FL		× /	0.86		94 0.7:
Shaft 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 type         Acrylic           Net weight of motor (kgs.)         272         Paint shafe         RAL 5000           Bearings         Terminal box         RAL 5000           Staff Extension         Direct         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           Searing size DE/NDE         6312 2Z C3         / 6212 2Z C3         Earthing provision (one terminal in TB)         Yes           Rype of lubrication         LITHIUM SOAP BASE GREASE         No of phases/Winding connection/number of 3 / DELTA / 6         Accessories           RTDs - 1 number per bearing (w/o controller)         Arrow plate for direction of rotation         More phases fold, 230V         Painters is plate (Tops vold or contation         Accessories           Opacle compression glands (main cable)         Double compression glands (main cable)         Double compression glands (main cable)         Double compression glands (	Mounting		B3	Mounting dimensions	Ref	er GA d	rawing
Method of cooling (TEFC/forced cooled/TESC)         TEFC (IC 411)         Paint type         Acrylic           Net weight of motor (kgs.)         272         Paint shade         RAL 5000           Bearings         Earthing provision (two terminals on stator body)         Yes           Coupling (Direct/lexible/Belt & Direct         Terminal box         As per GA drawing           Dimensions of pulley (OD x width) mm         -         Direct of cable entry         As per GA drawing           Bearings (roller/ball/angular contact)         Ball /Ball         Cable size and type(Aluminium)         2R X 3C x 50 SQ MI           Bearing size DE/NDE         6312 2Z C3 / 6212 2Z C3         Earthing provision (one terminal in TB)         Yes           Roo of phases/Winding connection/number of terminals         No of phases/Winding connection/number of terminals         3 / DELTA / 6           RDS -1 number simplex (w/o controller)         Arrow plate for direction of rotation         3 / DELTA / 6           STDS -1 number per bearing (wo'o controller)         Double compression glands (nain cable)         Space heaters - single phase 50z, 230V         Pouble compression glands (Space heaters/RTDs)           Pheterristers - PTC , 1 number per phase         Brake (Typevoltagetorque)         Space heaters/RTDs)           Votes:         )Alditional nameplate         -         -           )Alditional nameplate	Shaft extention		Single cylindrical				· ·
We weight of motor (kgs.)       272       Paint shade       RAL 5000         Bearings       Earthing provision (two terminals on stator body)       Yes         Bearings       Terminal box       Statument of the statum	Degree of protect	ion	IP 55	Suitable for bidirectional rotation		Yes	-
Note weight of motor (kgs.)       272       Paint shade       RAL 5000         Bearings       Earthing provision (two terminals on stator body)       Yes         Bearings       Terminal box       Status         Coupling (Direct/flexible/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 DE/NDE       6312 2Z C3       / 6212 2Z C3       Earthing provision (one terminal in TB)       Yes         Specific of       LTTHIUM SOAP BASE GREASE       No of phases/Winding connection/number of terminals       3 / DELTA / 6         Kecessories       Earthing provision (one terminals (Space hearts - single phase 50x, 230V       Double compression glands (main cable)       Space heaters - single phase 50x, 230V       Double compression glands (Space heaters - single phase 50x, 230V       Double compression glands (Space heaters - single phase 50x, 230V       Double compression glands (Space heater - single phase 30x, 230V       Double compression glands (Space heater - single phase 30x, 230V       Earthing condition       Space heaters - single phase 50x, 230V       Earthing condition       Space heaters - single phase 50x, 230V       Earthing condition       Space heaters - single phase 50x, 230V       Earthing condition       Space heaters - single phase 50x, 230V       Earthing provided (Space heater) the space 50x, 230V       Earthin	Method of cooling (TEFC/forced cooled/TESC)		TEFC (IC 411)	Paint type	Acrylic		
Bearings         Earthing provision (two terminals on stator body)         Yes           Bearings         Terminal box         Terminal box           Coupling (Direct/flexible/Belt & Direct         Direction of cable only the provision of the provision of the provision of pulley (Oa x width) mm         -         Direction of cable entry         As per GA drawing           Searing size DE/NDE         6312 2Z C3         / 6212 2Z C3         Earthing provision (one terminal in TB)         Yes           Searing size DE/NDE         6312 2Z C3         / 6212 2Z C3         Earthing provision (one terminal in TB)         Yes           Searing size DE/NDE         6312 2Z C3         / 6212 2Z C3         Earthing provision (one terminal in TB)         Yes           Searing size DE/NDE         6312 2Z C3         / 6212 2Z C3         Earthing provision (one terminal in TB)         Yes           Searing size DE/NDE         6312 2Z C3         / 6212 2Z C3         Earthing provision (one terminal in TB)         Yes           State of the controller         ITHHUM SOAP BASE GREASE         No of phases/Winding connection/number of terminals         3 / DELTA / 6           Cecessories         ITHHUM SOAP         As per CA drawing         Direction         Earthing provision (and solpace heaters + single phase 50z, 230V         Double compression glands (Space heaters + Single phase 50z, 230V         Earthinsters/RTDs)         Eartheater/Hermi			272				
Couping Direct/flexible/Belt & Muley/Gearbox)         Direct         Terminal box location when viewed from DE         As per GA drawing           Dimensions of pulley (DD 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 50 SQ MI           Bearing size DE/NDE         6312 2Z C3         / 6212 2Z C3         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         To a number simplex (w/o controller)         Arrow plate for direction of rotation         3 / DELTA / 6           Space heaters - single phase 50z, 230V         Double compression glands (Space heater/thermisters/RTDs)         Fremisters /RTDs)         Fremisters /RTDs)           Intermisters - PTC , 1 number per phase         Brake (Type/voltage/torque)         Additional nameplate         Votes:           Voll performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.         )Proformance 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.         )Where starting time is more than 10 seconds, provision of heavy duty relays is mandatory.         )Kilowatt rating is mandatory and HP is approximate.         )				Earthing provision (two terminals on stator body)			
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           Bearings (roller/ball/angular contact)         Ball /Ball         Cable size and type(Aluminium)         2R X 3C x 50 SQ M           Bearing size DE/NDE         6312 2Z C3 / 6212 2Z C3         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           TDs - 3 numbers simplex (w/o controller)         Arrow plate for direction of rotation         3 / DELTA / 6           StDs - 1 number per bearing (w/o controller)         Double compression glands (Space heaters - single phase 50z, 230V         Double compression glands (Space heater/thermisters/RTDs)           Thermisters - PTC , 1 number per phase         Brake (Type/voltage/torque)         Additional nameplate           Votes:         UAH performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.         Specified.           Diperformance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.         Specified.         Specified.           Difference values are at rated voltage and rated frequency condition and for DOL starting condition.         Si)Motro GD <sup>2</sup> = Load GD <sup>2</sup> assumed wherever not mentioned.         Specified.         Specified.<	Bearings	/fl:1-1-/D-14-9		Terminal box			
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 50 SQ MI         Bearing size DE/NDE       6312 2Z C3 / 6212 2Z C3       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       -       -       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       -       -       -       -       -         Votes:       -       -       -       -       -       -         1)All performance values are subject to IS/EC 60034-1 tolerances, unless otherwise specified.       -       -       -       -       -         2)Performance values are at rated voltage and rated frequency condition and for DOL starting condition.       -       -       -       -       -       -       -       -       -       -       -       - <td colspan="2"></td> <td>Direct</td> <td>Terminal box location when viewed from DE</td> <td colspan="2">As per GA drawing</td>			Direct	Terminal box location when viewed from DE	As per GA drawing		
Barrings (roller/ball/angular contact)       Ball /Ball       Cable size and type(Aluminium)       2R X 3C x 50 SQ M         Bearing size DE/NDE       6312 2Z C3       6212 2Z C3       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       Acrow plate for direction of rotation       3 / DELTA / 6         TDs - 3 numbers simplex (w/o controller)       Arrow plate for direction of rotation       3 / DELTA / 6         Stace heaters - single phase 50z, 230V       Double compression glands (main cable)       Space heaters - single phase 50z, 230V         Thermisters - PTC , 1 number per phase       Brake (Type/voltage/torque)       Additional T-Box for Accessories       Additional T-Box for Accessories         Votes:       U)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"       IPrepared by Approved by Approved by       Approved by			-	Direction of cable entry	As per GA drawing		
Bearing size DE/NDE       6312 2Z C3       6212 2Z C3       Earthing provision (one terminal in TB)       Yes         Pype of lubrication       LITHIUM SOAP BASE GREASE       No of phases/Winding connection/number of terminals       3 / DELTA / 6         Accessories       Accessories       Arrow plate for direction of rotation       3 / DELTA / 6         TDs - 3 numbers simplex (w/o controller)       Arrow plate for direction of rotation       3 / DELTA / 6         Space heaters - single phase 50z, 230V       Double compression glands (main cable)       Double compression glands (Space heater/thermisters/RTDs)         Fhermisters - PTC , 1 number per phase       Brake (Type/voltage/torque)       Additional nameplate         Votes:       D)All performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.       D)Performance values are at rated voltage and rated frequency condition and for DOL starting condition.         D)Motor GD <sup>2</sup> = Load GD <sup>2</sup> assumed wherever not mentioned.       D)Where starting is mandatory and HP is approximate.       S)         S) Accessories provided are marked as "YES"       Erepared by Approved by Appro	· · · ·		Ball /Ball				
Type of lubrication       LITHIUM SOAP BASE GREASE       No of phases/Winding connection/number of terminals       3 / DELTA / 6         Accessories       Accessories       Accessories       Streaminals       Streaminals         Accessories       Arrow plate for direction of rotation       Streaminals       Streaminals       Streaminals         Accessories       Arrow plate for direction of rotation       Double compression glands (main cable)       Streaminals       Streaminals         Space heaters - single phase 50z, 230V       Double compression glands (Space heater/thermisters/RTDs)       Heater/thermisters/RTDs)       Heater/thermisters/RTDs)         Chemmisters - PTC , 1 number per phase       Brake (Type/voltage/torque)       Additional nameplate       Additional nameplate       No of phases/Windle       Additional Accessories       Additional nameplate       No of phases/Windle       Streaminals       Streaminals       Additional Accessories       Accesso					``		
type of lubrication       LTHRUM SOAP BASE GREASE       terminals       3 / DELTA / 6         tacessories	0						
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/hermisters/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"         Prepared by         Approved by	Type of lubrication	n	LITHIUM SOAP BASE GREASE		3	/ DELT	A/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)         Entermisters - PTC , 1 number per phase       Brake (Type/voltage/torque)         Additional T-Box for Accessories       Additional maneplate         Votes:       Image: Compression glands (Space heater/thermisters/RTDs)         I)All performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.       Image: Compression glands (Space heater/thermisters/RTDs)         2)Performance values are at rated voltage and rated frequency condition and for DOL starting condition.       Signotor 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.       Signotor grave strated as "YES"         5) Accessories provided are marked as "YES"       Image: Compression glands are strated as "YES"	Accessories		·		·		
Space heaters - single phase 50z, 230V       Double compression glands (Space heater/thermisters/RTDs)         Chemisters - PTC , 1 number per phase       Brake (Type/voltage/torque)         Additional T-Box for Accessories       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.         8)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				*			
heater/thermisters/RTDs)       heater/thermisters/RTDs)         Thermisters - PTC , 1 number per phase       Brake (Type/voltage/torque)         Additional T-Box for Accessories       Additional T-Box for Accessories         Additional nameplate       Notes:         Voles:       Notes:         ()All performance values are subject to IS/IEC 60034-1 tolerances, unless otherwise specified.         ()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) Accessories provided are marked as "YES"         Prepared by         Approved by	BTDs - 1 number per bearing (w/o controller)						
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	Space heaters - single phase 50z, 230V						
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"         Prepared by         Approved by							
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	-	plate					
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	1)All performanc						
YWhere 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		_		2			
5)Kilowatt rating is mandatory and HP is approximate. 5) Accessories provided are marked as "YES" Prepared by Approved by				datory.			
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Contractor/Client

Package

Date:

Project: Consultant