

<b>Quotation No :</b>	<b>Bus Group/Region :</b> MP:Water Product/8008
<b>Customer PO :</b> P-06 /P&M/K,PUR Indo	<b>Application Area :</b> Lift Irrigation
<b>Sold to party :</b> Jagdish Gupta  Indore,452001 INDIA	<b>Ship to party :</b> Jagdish Gupta 63 USHA NAGAR Indore Indore 452001 INDIA

<b>Sale Order/Item No:</b> 81355130 / 10	<b>Customer wish date :</b> 31.03.2026
<b>Material :</b> 8158728-VMF 28B PUMP- (4 STG) (1300KW HT)	<b>Quantity :</b> 3.00 / SET

**Design Text :**
**Configuration Data**

<b>Characteristics</b>	<b>Value</b>
Region *	India
Manufacturing Clearance *	YES
Manufacturing Clearance Date *	
VT pump Common Name *	VMF 28B PUMP
Vertical Pump Type	VMF 28B x 4 STG PUMP
No of Stages *	04
MOC category *	Non Standard Category
Replacement Of Existing *	No
Type of Sealing *	Gland Pack
Scope of Supply *	Bare Pump + Accessories
Bought Out Item *	Not Applicable
Late Delivery Clause *	NOT APPLICABLE
GA/CS Required For *	Approval
Pump Dry Weight*	10,500.00 kg
Customer Template Available? *	NO
List of Accessories *	Coupling
List of Accessories *	Coupling Guard
Suc Bell Mouth *	FG260 + COATING
Diffuser Moc *	WCB + COATING
Strainer *	ASTM A276 GR SS304
Impeller *	CF8M + COATING
Imp Wear Ring *	NOT APPLICABLE
Neck Ring *	ASTM A743 GR CF8M/SS410
Shaft *	A276 GR SS410(T Condition)
Top Shaft *	A276 GR SS410(T Condition)
Int Shaft *	A276 GR SS410(T Condition)
Pump Brg Sleeve *	ASTM A276 GR SS410
Int Sleeve *	ASTM A276 GR SS410
Delivery Bend / Tee *	MS
Motor Stool *	Standard (MS)
Gland	CI IS 210 GR FG260
Certification Applicable *	Not Applicable
Customer Tag Number	1
Application	Irrigation

Liquid Handled*	Raw Water
Liquid Turbidity in NTU	1.00
Dir Of Rot of Pump(From D.E) *	Clock Wise
Type of Drive	HT Motor
Motor Pole	6
Dir Of Rot Of Motor (From D.E)	Bi Directional
Full Load Speed (RPM) *	990 RPM
Inprocess Insp (Stage Witness)	No
Inspection Agency	DEPT/CLIENT/TPI
QAP Approval *	Required
Performance Test	With Job Motor
Packing Type	Rubber wood crate
Fumigation Required	No
Fumigation Certificate Reqd?	No
Quality Assurance Plan	QAPII
Coupling Type *	Standard (Pin Bush)Finish Bore
Coupling Make *	UNIQUE
Impeller diameter notes	REF.81339820/32 & 81329817/31
Order Against GA Drawing no	81355130-10 GA
Order Against CS Drawing no	81355130-10 CS
Motor Make *	ABB
Design Instructions	SEE DESIGN/SALES TEXT
Flow (m3/h) *	2,664.00 m3/h
Shut off Head (m) *	191.00 m
Fluid Specific Gravity *	1.000
Tolerance on Efficiency	NO
Nett Gen Head	139.24 m
Head Loss	0.50 m
Bowl Efficiency (%) *	89.44 %
Pump BKW (kW)	1,133.50 KW
Motor Rating (kW) *	1,300.00 KW
Flange Drilling *	M & P STANDARD
Ambient Temp (°C)	46.00 °C
Painting Type	DomesticStd(WILOGreen)QDEnamel
Painting Inspection	NO
Coating Make	Standard (Asian glass flake)
Impeller Diameter (mm)	IMP. Ø595 X 19°
Frame Size HT Motor *	NMI 450L6A VAFI
Coupling Moc *	Forged Steel
Sales Group	MP:Water Product
Performance Curve No. *	VMF 28B_50_6_A_R01
Inspection Applicable *	Yes
Coating Reqd By Customer	YES
Power Loss *	1.824
St Box Packing	Standred (Graphited Cotton )
Bowl Head (m) *	139.74 m
Muff Coupling *	ASTM A276 GR SS410
Shaft Tube requirement *	No
Lubrication System *	Self Lubrication
Location Of Delivery *	Above floor
Type Of Motor Shaft *	Solid Shaft

Minimum Submergence *	2.50 m
Design of VT pump *	Non Pull Out
Non Wetted Fasteners *	ASTM A276 GR SS304
Column Pipe *	MS
Gland Sleeve *	ASTM A276 GR SS410
Thrust Bearing Lubrication *	Antifriction Oil (ISO VG 220)
Type of Thrust Brg Cooling *	Water
Diff Moc Depending On Stg *	For All Stages
Sump Depth *	20,000.00 mm
Column Pipe Size *	600 mm
Column Pipe Thickness *	8 mm
Brg Bush In Bell Mouth *	M&P Std
Logging Ring	CI IS 210 GR FG260
Impeller Trimming*	Impeller Trimming
Flange Drilling Face Type *	Flat Face
Wetted Fasteners *	ASTM A276 GR SS304
Non Reverse Ratchet	Yes
Intermediate Pipe Length *	M&P Standard
Minimum Submergence Test	No
Bearing Make	M&P Standard
Base Frame Required In Tender*	No
CFD Required *	No
Explosion is required	YES
Coating Thickness ( $\mu\text{m}$ )	300 micron
Type Of Strainer *	Bar Type
Muff Coupling Type	Solid
Pump Bill Of Material Status	All BOM release
Pump BOM allocated	AKSHAY JADHAV
Bearing bush *	CUTLESS + SS410
Provides Pump Suc Size	0.00
Provides Pump Del Size	600.00
Product group Name	Vertical Turbine
Sales Group	Domestic
Article Number 02	8158728
Scope of Supply *	Bare Pump + Accessories
Product Category	Not Applicable
Nameplate article	8072779
Fire Fighting App Agency*	NOT APPLICABLE
Performance Testing Standard	ISO 9906 GR II B
VT No of Stages	4
evaluation compl.	1
sales document type	Order
E_VBAP_KWMENG	3.000
reference date of bill of mate	
Type of Closure	CACA
Motor_Eng_GearBox GADAttached?	YES
Appvd_Submited_GA_CS_Attached?	YES
Appvd_Spe_Coup_Drg_Attached?	NOT APPLICABLE