

Quotation No :	Bus Group/Region : MP : Export/8000
Customer PO : 2300338233	Application Area : Clear water
Sold to party : Netafim LTD Ariel Sharon St 4 Giv'atayim, Giv'atayim, ISRAEL	Ship to party : Netafim LTD HaShahar Tower Giv'atayim ISRAEL

Sale Order/Item No: 81357298 / 10	Customer wish date : 09.04.2026
Material : 8157518-VMF 17A X 2 Stage PUMPSET	Quantity : 3.00 / SET

Design Text :
 Motor Frame Size: M3BP 355LKA 4
 Flange Drilling as per ISO 7005-1 PN 16 FF
 Tkt closed and SAP updated on 31.12 for above

Application and Liquid Handle is Brown Water. Pls mention same on the drawing

As per final commentes Pump setting length from centre of Discharge to be maintained as 10740 mm.
 Accordingly drawing to be updated and BOM to be release

Configuration Data

Characteristics	Value
Region *	India
Manufacturing Clearance *	YES
Manufacturing Clearance Date *	
VT pump Common Name *	VMF 17A PUMP
Vertical Pump Type	VMF 17A x 2 STG PUMP
No of Stages *	02
MOC category *	Non Standard Category
Replacement Of Existing *	No
Type of Sealing *	Gland Pack
Scope of Supply *	Pump Set
Bought Out Item *	Motor
Late Delivery Clause *	NOT APPLICABLE
GA/CS Required For *	Approval
Pump Dry Weight*	4,550.00 kg
Customer Template Available? *	NO
List of Accessories *	Coupling
List of Accessories *	Coupling Guard
List of Accessories *	Taper wedges
List of Accessories *	RTD
Suc Bell Mouth *	CI IS 210 GR FG260
Diffuser Moc *	CI IS 210 GR FG260
Strainer *	ASTM A276 GR SS304
Impeller *	ASTM A743 GR CF8M
Imp Wear Ring *	NOT APPLICABLE
Neck Ring *	IS 318 GR LTB5
Shaft *	ASTM A276 GR SS420
Top Shaft *	ASTM A276 GR SS420
Int Shaft *	ASTM A276 GR SS420

Pump Brg Sleeve *	ASTM A276 GR SS420
Int Sleeve *	ASTM A276 GR SS420
Delivery Bend / Tee *	MS
Motor Stool *	Standard (MS)
Gland	CI IS 210 GR FG260
Certification Applicable *	CE-NA but G bowl/S guard reqd
Application	BROWN WATER
Liquid Handled*	Clear Water
Liquid Turbidity in NTU	0.01
Dir Of Rot of Pump(From D.E) *	Clock Wise
Type of Drive	LT Motor
Motor Pole	4
Dir Of Rot Of Motor (From D.E)	Bi Directional
Full Load Speed (RPM) *	1,490 RPM
QAP Approval *	Required
Packing Type	Plywood box (Sea worthy)
Fumigation Required	Yes
Fumigation Certificate Reqcd?	Yes
Coupling Type *	Standard (Pin Bush)Finish Bore
Coupling Make *	M & P Standard
Order Against GA Drawing no	81357298-10 GA
Order Against CS Drawing no	81357298-10 CS
Motor Make *	ABB
Design Instructions	SEE TEXT
Flow (m3/h) *	1,465.00 m3/h
Shut off Head (m) *	134.00 m
Fluid Specific Gravity *	1.000
Tolerance on Efficiency	NO
Nett Gen Head	90.70 m
Head Loss	0.30 m
Bowl Efficiency (%) *	80.04 %
Pump BKW (kW)	453.60 KW
Motor Rating (kW) *	500.00 KW
Flange Drilling *	ISO 7005-1 PN16 FF
Working Fluid Temp. (°C)	30.00 °C
Painting Type	Export Std (WILO Green)-Epoxy
Painting Area	Pump
Painting Area	Motor
Painting Make	ANY REPUTED
Painting Color/Shade/Grade	WILO GREEN
Coupling Moc *	Standard (Cast Iron)
Sales Group	MP : Export
Motor Efficiency Type *	IE3
Type of RTD	Standard
Performance Curve No. *	VMF 17A_50_4_A_R01
Inspection Applicable *	Yes
Power Loss *	0.56
St Box Packing	PTFE
Bowl Head (m) *	91.00 m
Muff Coupling *	ASTM A276 GR SS420
Shaft Tube requirement *	No

Location Of Delivery *	Above floor
Type Of Motor Shaft *	Solid Shaft
Minimum Submergence *	3.00 m
Design of VT pump *	Non Pull Out
Non Wetted Fasteners *	ASTM A276 GR SS304
Column Pipe *	MS
Gland Sleeve *	ASTM A276 GR SS420
Thrust Bearing Lubrication *	Antifriction Oil (ISO VG 220)
Type of Thrust Brg Cooling *	Water
Diff Moc Depending On Stg *	For All Stages
Sump Depth *	10,740.00 mm
Column Pipe Size *	M&P Standard
Column Pipe Thickness *	M&P Standard
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
Vertical LT Motor Frame Size *	M3BP355LKA4/IE3/4P
Wetted Fasteners *	ASTM A276 GR SS304
Non Reverse Ratchet	Yes
Intermediate Pipe Length *	M&P Standard
Bearing Make	M&P Standard
Base Frame Required In Tender*	No
Drive Document Approval *	Yes
Drive Inspection Applicable *	No
Drive Manufacturing Clearance*	NO
CFD Required *	No
Explosion is required	YES
Type Of Strainer *	Mesh Type
Muff Coupling Type	Solid
Pump Bill Of Material Status	All BOM release
Pump BOM allocated	AKSHAY JADHAV
Bearing bush *	FEROFROM T127/CIP Marine(93C)
Provides Pump Suc Size	0.00
Provides Pump Del Size	0.00
Product group Name	Vertical Turbine
Sales Group	Export
Article Number 02	8157518
Scope of Supply *	Pump Set
Product Category	Not Applicable
Nameplate article	8215310
Fire Fighting App Agency*	NOT APPLICABLE
Performance Testing Standard	ISO 9906 GRADE 1U
Enter Primary Motor Article *	8277222
evaluation compl.	Y
sales document type	Order
E_VBAP_KWMENG	3.000
reference date of bill of mate	
Type of Closure	TEFC
Motor_Eng_GearBox GADAttached?	NOT APPLICABLE
Appvd_Submitted_GA_CS_Attached?	NOT APPLICABLE

Appvd_Spe_Coup_Drg_Attached?	NOT APPLICABLE
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