



Technical Data

Project Name : Untitled project 2025-03-17 22:59:31.006	Project ID :
Company Name : Department : Phone number : e-mail address :	

Requested Data

Flow : 5.023 m ³ /h Head : 168.2 m	Fluid : Water Density : 0.9983 kg/dm ³ Viscosity : 1.005 mm ² /s Temperature : 20 °C Vapour pressure at t A : 0.0234 bar
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Pump

Operating Data

Pump Model : MVS-5/29T No. of Stages : 29 Inlet / Outlet size : 32 Speed : 2900 1/min Direction of Rotation : Counter clockwise Impeller type : Radial impeller Impeller Design : Closed Pump Weight (Approx) : 43.3 kg Pump Standard : CRI Standard	Flow : 5.023 m ³ /h Head : 168.2 m Shutoff Head : 203.1 m Efficiency : 61.69 %
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Motor

Motor Model : MV 3P 5.5HP (IE3) (380-720V) Frequency/Efficiency class : 50 Hz IE3 = Premium Efficiency Rated Voltage : 380V-415V Δ / 660V-720V λ Rated current : 9.1A / 5.3A Phase / Rated Power P2 : 3~ 4 kW Speed : 2820 1/min Efficiency : 88.1 % Motor Weight (Approx) : 27.9 kg Motor Standard : IEC-60034-30 / IS-12615	Insulation Class : F Frame size : 100 Degree of Protection : IP 55 Method of Starting : Direct starting Service factor : 1 Power factor : 0.74
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Material of Construction

Flange Connections

Pump Outer Shell : AISI 304 Pump Head : C.I Pump Head Cover : AISI 304 Pump Base : AISI 304 Base Plate : C.I Impeller : AISI 304 MECHANICAL SEAL : SiC/SiC/FKM Bush : SiC / SiC Diffuser (Chamber) : AISI 304 Pump Shaft : AISI 431 Wearing Ring : Teflon O Ring : EPDM Coupling : Mild Steel	Suction Flange Pressure rating : PN 25 Nominal pipe size : DN 32 Standard : DIN EN 1092-1:2008-09 Discharge Flange Pressure rating : PN 25 Nominal pipe size : DN 32 Standard : DIN EN 1092-1:2008-09
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Performance Curve

Pump Model
MVS-5/29T

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Curve Tolerance ISO : 9906, Grade-3B

Speed 2900 rpm





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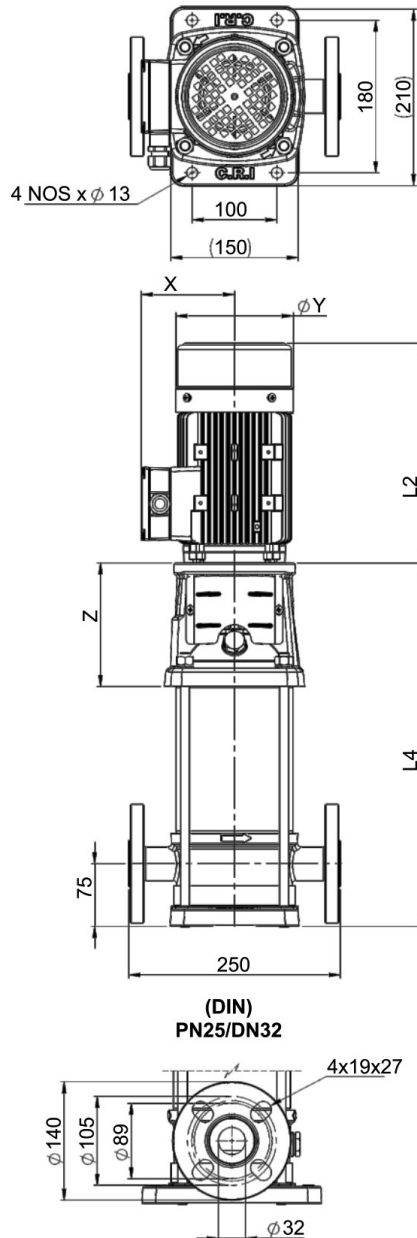
Dimensional Drawing

Pump Model
MVS-5/29T

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In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions inmm

L2	363		
L4	1038		
X	132		
Y	197		
Z	163		