



C.R.I. PUMPS
Pumping trust. Worldwide.

Technical Data

Pump Model
MVS-1/33T

Project Name : Untitled project 2025-02-13 22:09:54.107	Project ID :
Company Name : Department : Phone number : e-mail address :	

Requested Data

Flow : 1.782 m ³ /h Head : 162 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-1/33T No. of Stages : 33 Inlet / Outlet size : 25 Speed : 2900 1/min Direction of Rotation : Counter clockwise Impeller type : Radial impeller Impeller Design : Closed Pump Weight (Approx) : 33.6 kg Pump Standard : CRI Standard	Flow : 1.777 m ³ /h Head : 161.1 m Shutoff Head : 208 m Efficiency : 47.77 %
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Motor

Motor Model : MV 3P 3.0HP (IE2) Frequency/Efficiency class : 50 Hz IE2 = High Efficiency Rated Voltage : 380V-415V Δ / 220V-240V Δ Rated current : 5.0A / 8.7A Phase / Rated Power P2 : 3~ 2.2 kW Speed : 2810 1/min Efficiency : 83.2 % Motor Weight (Approx) : 16.7 kg Motor Standard : IEC-60034-30 / IS-12615	Insulation Class : F Frame size : 90 Degree of Protection : IP 55 Method of Starting : Direct starting Service factor : 1 Power factor : 0.76
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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 25 Standard : DIN EN 1092-1:2008-09 Discharge Flange Pressure rating : PN 25 Nominal pipe size : DN 25 Standard : DIN EN 1092-1:2008-09
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Performance Curve

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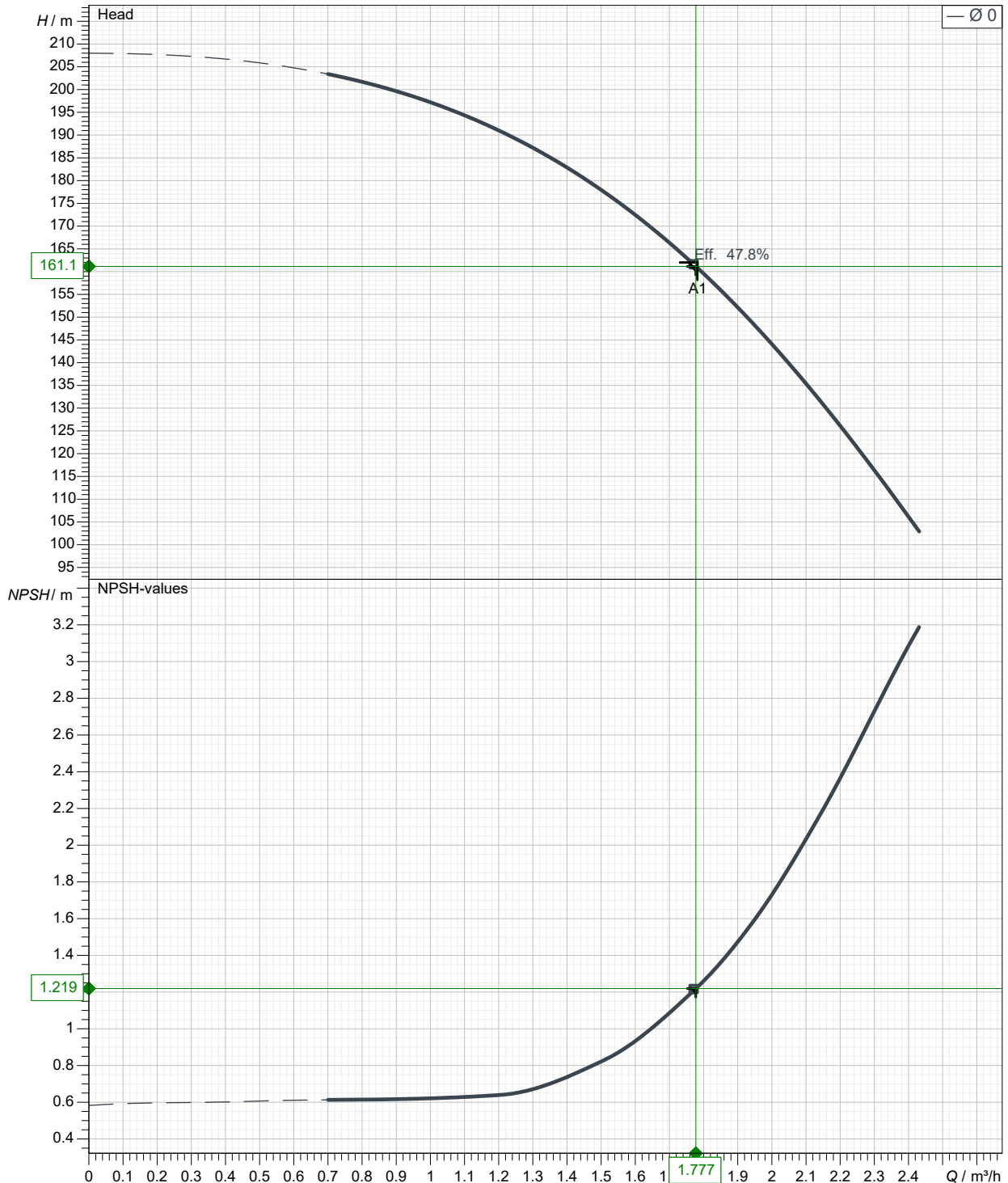
Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B

Speed 2900 rpm





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Dimensional Drawing

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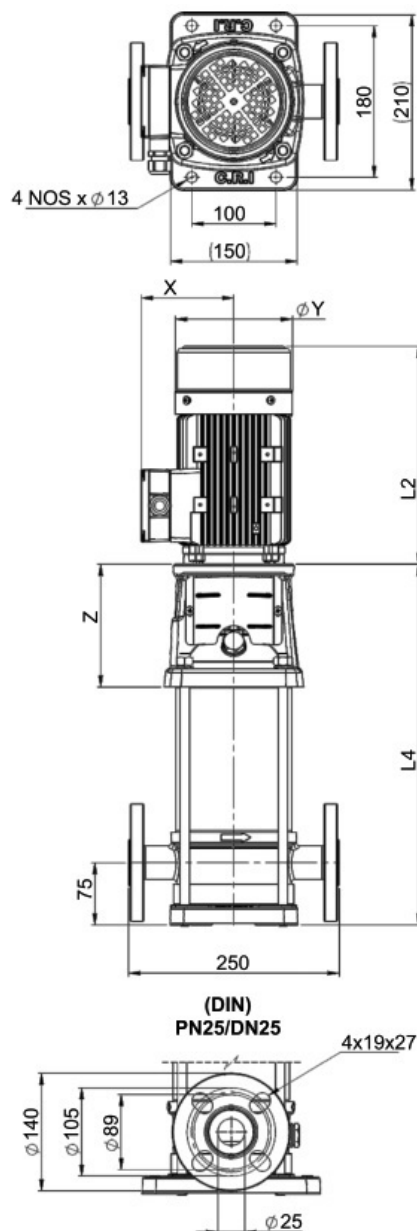
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In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions inmm

L2	303		
L4	849		
X	125		
Y	176		
Z	163		