



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

Technical Data

Pump Model
MVS-150/01T

Project Name : Untitled project 2025-03-18 12:39:57.465

Project ID :

Company Name :
Department :
Phone number :
e-mail address :

Requested Data

Flow : 151.7 m³/h
Head : 20.6 m

Fluid : Water
Density : 0.9983 kg/dm³
Viscosity : 1.005 mm²/s
Temperature : 20 °C
Vapour pressure at t A : 0.0234 bar

Pump

Pump Model : MVS-150/01T
No. of Stages : 1
Inlet / Outlet size : 125
Speed : 2900 1/min
Direction of Rotation : Counter clockwise
Impeller type : Mixed Flow impeller
Impeller Design : Closed
Pump Weight (Approx) : 125 kg
Pump Standard : CRI Standard

Operating Data

Flow : 152.8 m³/h
Head : 20.89 m
Shutoff Head : 32.65 m
Efficiency : 77.91 %

Motor

Motor Model : MV 3P 20.0HP (IE2)
Frequency/Efficiency class : 50 Hz IE2 = High Efficiency
Rated Voltage : 380V-415V Δ / 660V-720V Λ
Rated current : 29.0A / 16.7A
Phase / Rated Power P2 : 3~ 15 kW
Speed : 2870 1/min
Efficiency : 90.3 %
Motor Weight (Approx) : 126 kg
Motor Standard : IEC-60034-30 / IS-12615

Insulation Class : F
Frame size : 160M
Degree of Protection : IP 55
Method of Starting : Star-delta
Service factor : 1
Power factor : 0.84

Material of Construction

Pump Outer Shell : AISI 304
Pump Head : AISI 304/CF8
Pump Head Stool : C.I
Pump Base : AISI 304/CF8
Base Plate : C.I
Impeller : AISI 304
MECHANICAL SEAL : TC/Carbon/FKM
Bush : SIC/SIC
Diffuser (Chamber) : AISI 304
Pump Shaft : AISI 431
Wearing Ring : Teflon
FLANGE : C.I
Neck Ring : AISI 304
O Ring : EPDM
Coupling : C.I
Split Cone : AISI 304

Flange Connections

Suction Flange

Pressure rating : PN 40
Nominal pipe size : DN 125
Standard : DIN EN 1092-1:2008-09

Discharge Flange

Pressure rating : PN 40
Nominal pipe size : DN 125
Standard : DIN EN 1092-1:2008-09



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Performance Curve

Pump Model
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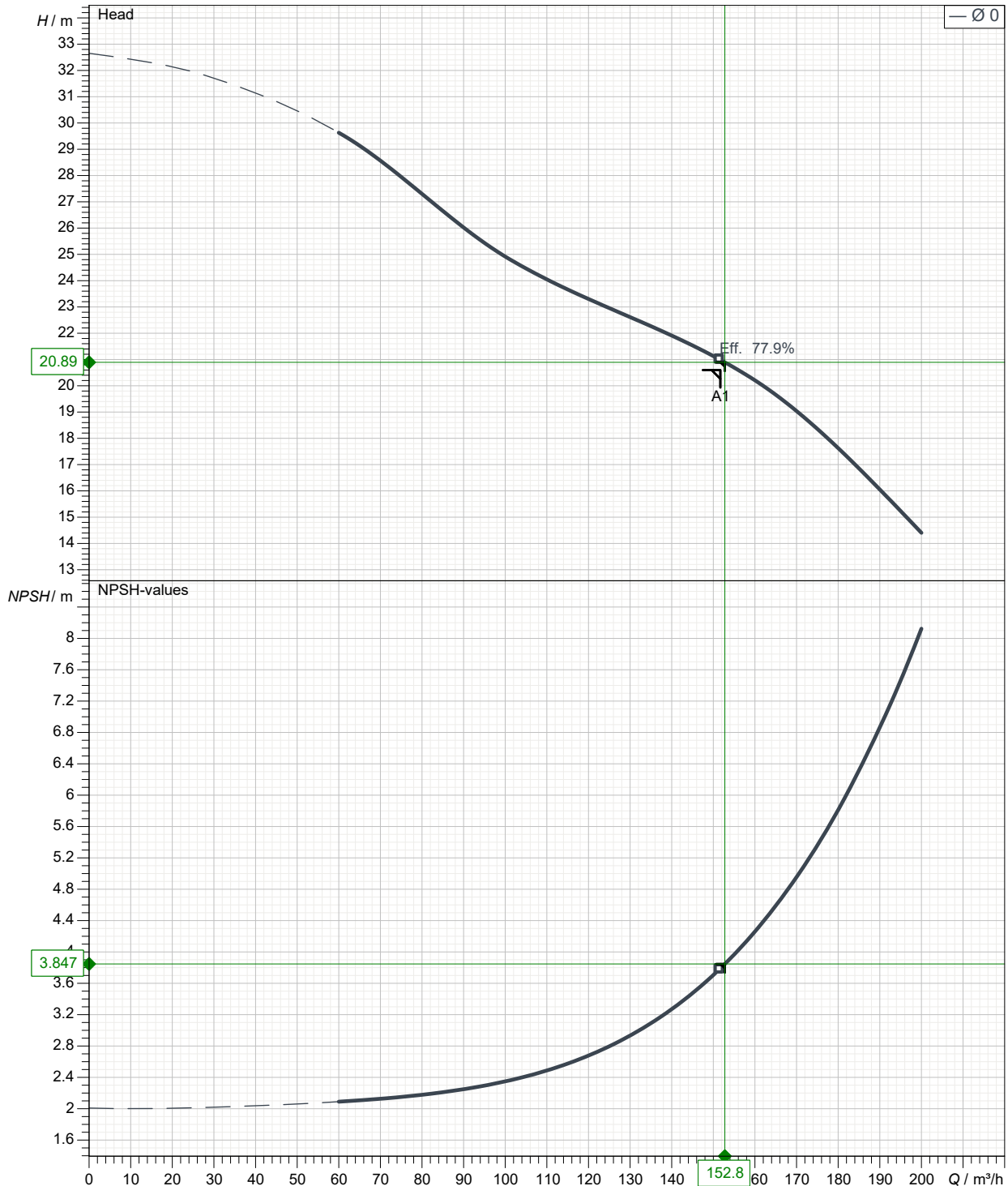
Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B

Speed 2900 rpm

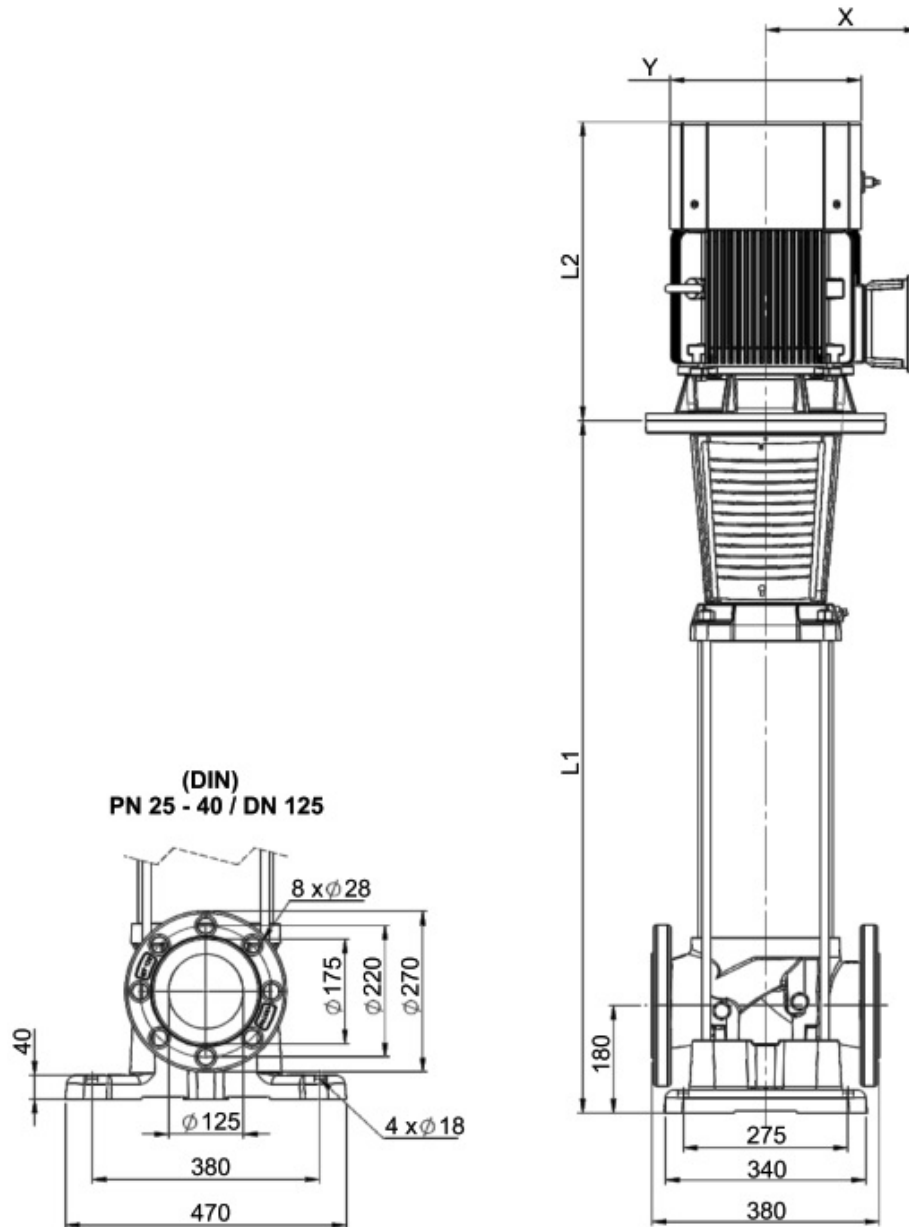




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In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions inmm

L1	847		
L2	500		
ØD	350		
X	263		
Y	320		
Z	305		