



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

Technical Data

Pump Model
MVS-150/05T

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

Project ID :

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

Requested Data

Flow : 151.4 m³/h
Head : 104.6 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-150/05T
No. of Stages : 5
Inlet / Outlet size : 125
Speed : 2900 1/min
Direction of Rotation : Counter clockwise
Impeller type : Mixed Flow impeller
Impeller Design : Closed
Pump Weight (Approx) : 171 kg
Pump Standard : CRI Standard

Operating Data

Flow : 151.4 m³/h
Head : 104.6 m
Shutoff Head : 155.1 m
Efficiency : 77.92 %

Motor

Motor Model :
Frequency/Efficiency class :
Rated Voltage :
Rated current :
Phase / Rated Power P2 :
Speed :
Efficiency :
Motor Weight (Approx) :
Motor Standard :

Insulation Class :
Frame size :
Degree of Protection :
Method of Starting :
Service factor :
Power factor :

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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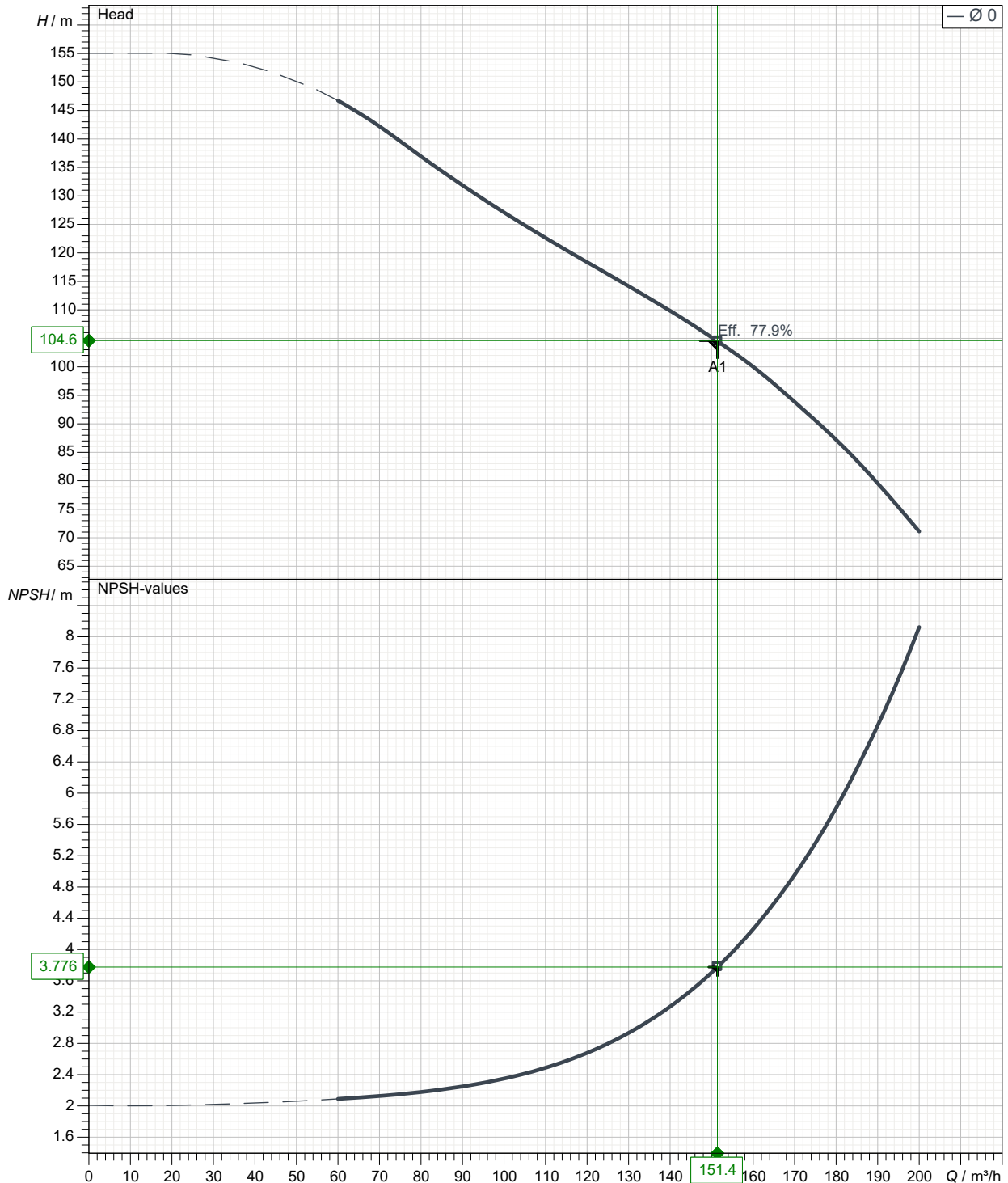
Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B

Speed 2900 rpm





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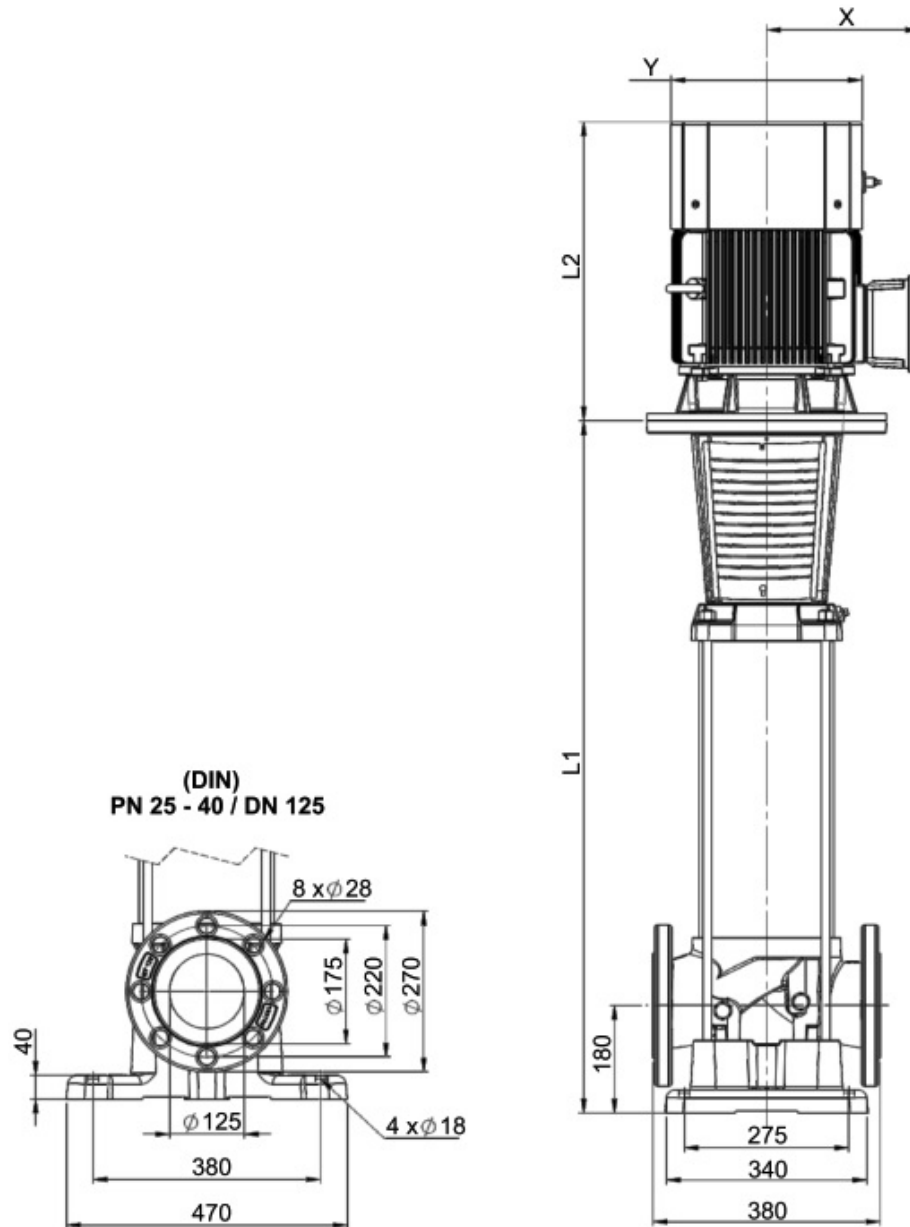
Dimensional Drawing

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

Dimensions inmm

L1	1494		
L2	900		
ØD	550		
X	426		
Y	543		
Z	330		