



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

Technical Data

Pump Model
MVC-200/04T

Project Name : Untitled project 2025-03-18 13:13:40.055	Project ID :
Company Name : Department : Phone number : e-mail address :	

Requested Data

Flow : 232.2 m ³ /h Head : 89.78 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 : MVC-200/04T No. of Stages : 4 Inlet / Outlet size : 150 Speed : 2900 1/min Direction of Rotation : Counter clockwise Impeller type : Radial impeller Impeller Design : Closed Pump Weight (Approx) : 244 kg Pump Standard : CRI Standard	Flow : 231.7 m ³ /h Head : 89.37 m Shutoff Head : 155.4 m Efficiency : 77.68 %
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Motor

Motor Model : HEM 3P 120HP (IE2) Frequency/Efficiency class : 50 Hz IE2 = High Efficiency Rated Voltage : Rated current : Phase / Rated Power P2 : 3~ 90 kW Speed : 2975 1/min Efficiency : 94.1 % Motor Weight (Approx) : 855 kg Motor Standard : IEC-60034-30 / IS-12615	Insulation Class : F Frame size : 280 M Degree of Protection : IP 55 Method of Starting : Star-delta Service factor : 1 Power factor : 0.9
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Material of Construction

Flange Connections

Pump Outer Shell : AISI 304 Pump Head : C.I Pump Head Stool : C.I Pump Base : C.I Impeller : AISI 304 MECHANICAL SEAL : TC/Carbon/FKM Bush : TC/TC Diffuser (Chamber) : AISI 304 Pump Shaft : AISI 431 Wearing Ring : Teflon FLANGE : C.I Neck Ring : AISI S.S 304 O Ring : EPDM Coupling : C.I Split Cone : AISI 304 Split Cone Nut : AISI 304	Suction Flange Pressure rating : PN 40 Nominal pipe size : DN 150 Standard : DIN EN 1092-1:2008-09 Discharge Flange Pressure rating : PN 40 Nominal pipe size : DN 150 Standard : DIN EN 1092-1:2008-09
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Performance Curve

Pump Model
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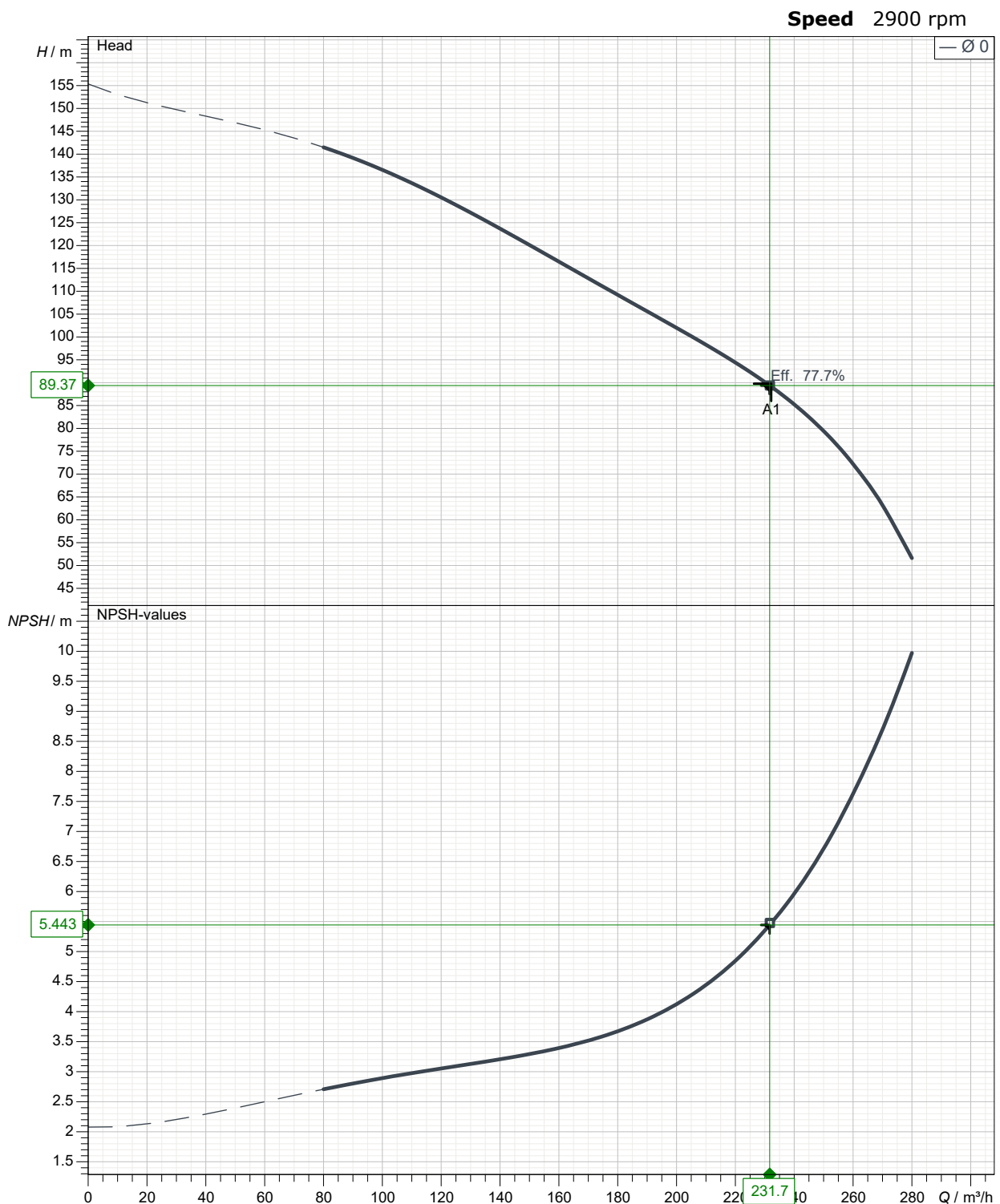
Company Name :

Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B





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Dimensional Drawing

Pump Model
MVC-200/04T

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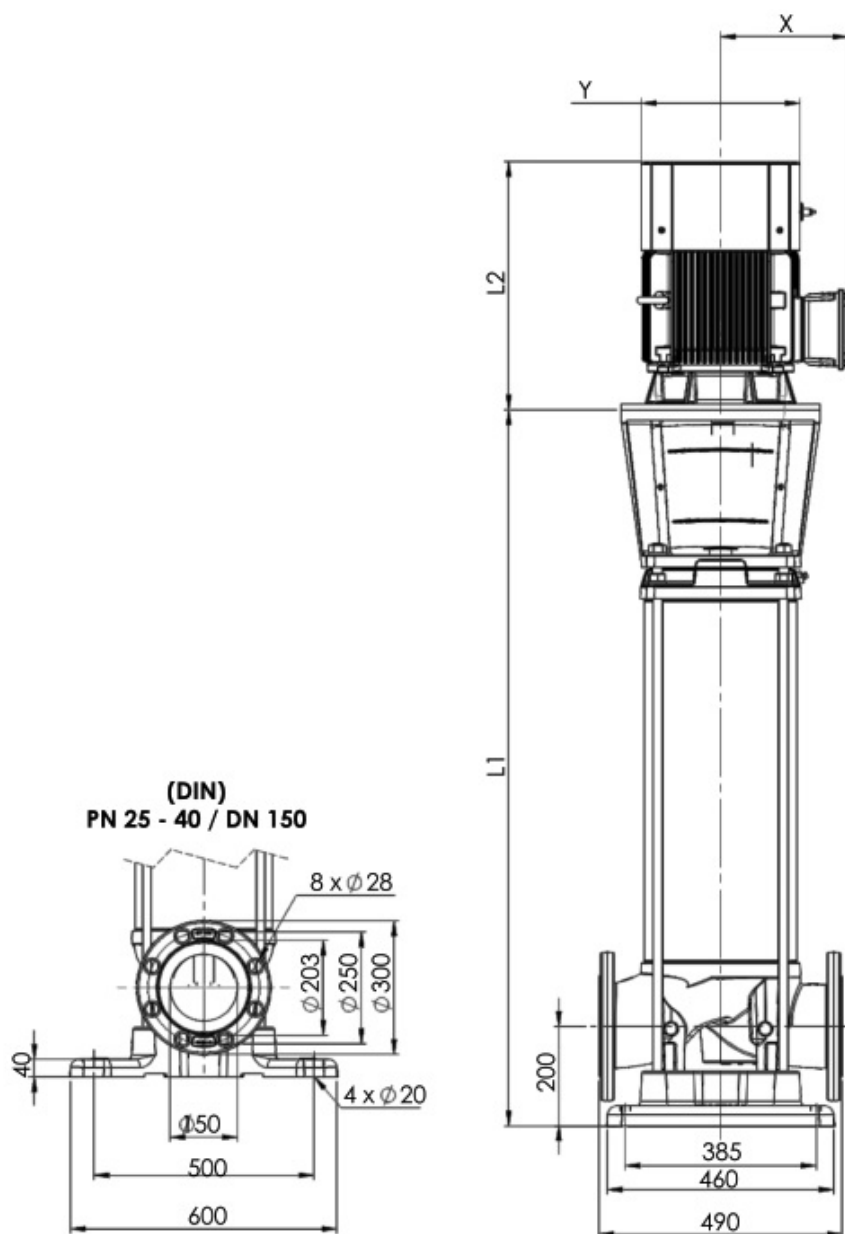
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Phone number :

e-mail address :



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

Dimensions inmm

L1	1448		
L2	900		
ØD	550		
X	426		
Y	543		
Z	325		