



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

Technical Data

Pump Model
MVS-20/07T

Project Name : Untitled project 2025-03-18 11:14:06.040	Project ID :
Company Name : Department : Phone number : e-mail address :	

Requested Data

Flow : 20.01 m ³ /h Head : 85.21 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
--	---

Pump

Operating Data

Pump Model : MVS-20/07T No. of Stages : 7 Inlet / Outlet size : 50 Speed : 2900 1/min Direction of Rotation : Counter clockwise Impeller type : Radial impeller Impeller Design : Closed Pump Weight (Approx) : 43 kg Pump Standard : CRI Standard	Flow : 20.05 m ³ /h Head : 85.58 m Shutoff Head : 104.2 m Efficiency : 73.06 %
---	--

Motor

Motor Model : MV 3P 10.0HP (IE2) Frequency/Efficiency class : 50 Hz IE2 = High Efficiency Rated Voltage : 380V-415V Δ / 660V-720V Λ Rated current : 15.0A / 8.7A Phase / Rated Power P2 : 3~ 7.5 kW Speed : 2840 1/min Efficiency : 88.1 % Motor Weight (Approx) : 43 kg Motor Standard : IEC-60034-30 / IS-12615	Insulation Class : F Frame size : 132L Degree of Protection : IP 55 Method of Starting : Star-delta Service factor : 1 Power factor : 0.83
--	---

Material of Construction

Flange Connections

Pump Outer Shell : AISI 304 Pump Head : C.I Pump Head Cover : AISI 304/CF8 Pump Base : AISI 304/CF8 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 50 Standard : DIN EN 1092-1:2008-09 Discharge Flange Pressure rating : PN 25 Nominal pipe size : DN 50 Standard : DIN EN 1092-1:2008-09
--	--



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

Performance Curve

Pump Model
MVS-20/07T

Project Name : Untitled project 2025-03-18 11:14:06.040

Project ID :

Company Name :

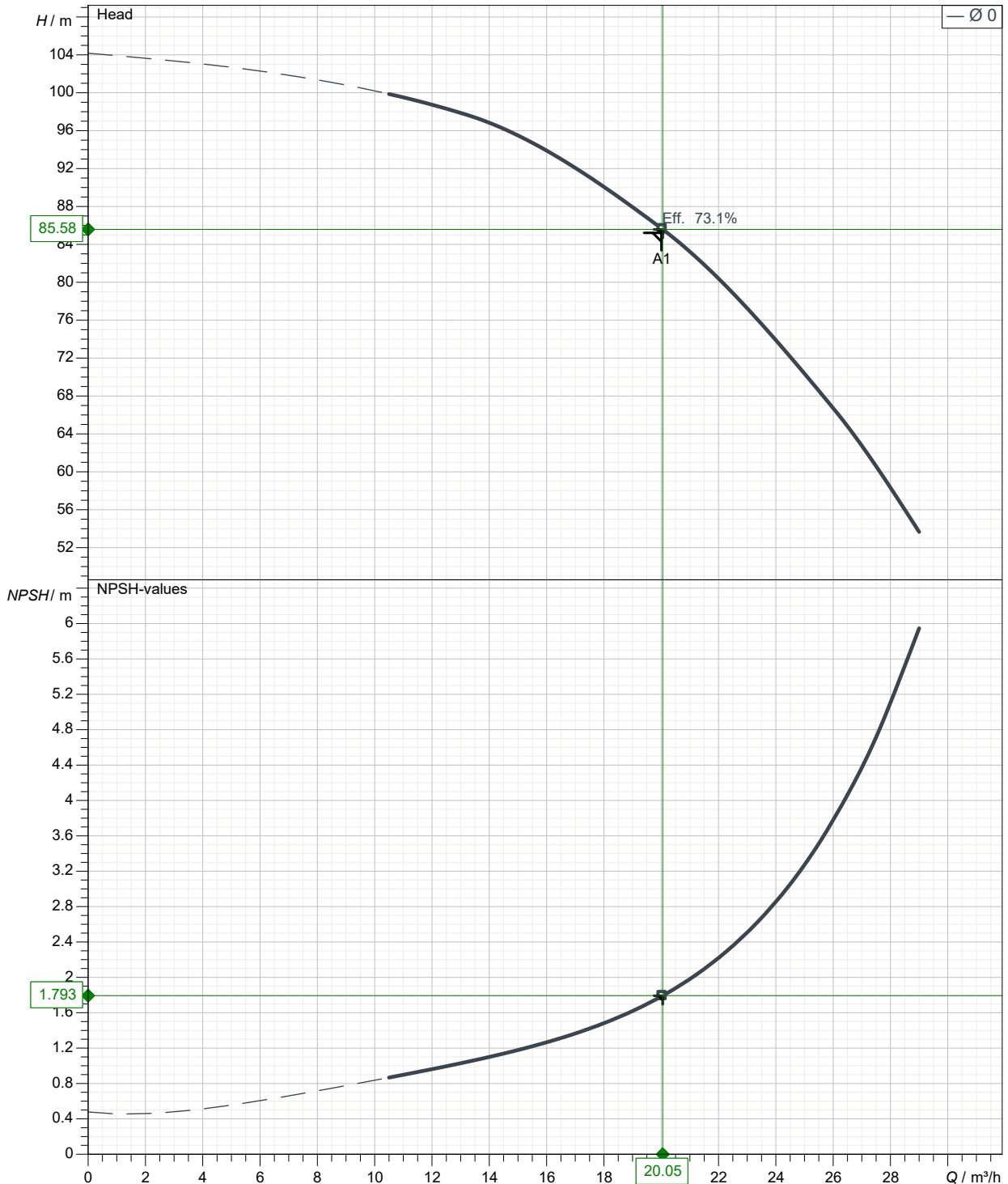
Department :

Phone number :

e-mail address :

Curve Tolerance ISO : 9906, Grade-3B

Speed 2900 rpm





Project Name : Untitled project 2025-03-18 11:14:06.040

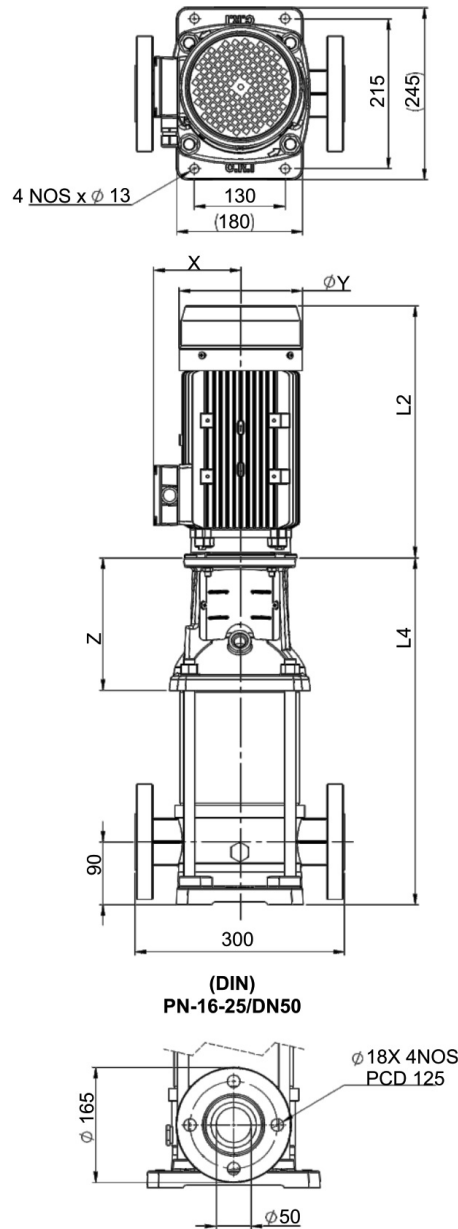
Project ID :

Company Name :

Department :

Phone number :

e-mail address :



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

Dimensions inmm

L2	419		
L3	656		
X	187		
Y	254		
Z	216		