

Dimensions

Axially split case pump
Atmos TERA-SCH350/500-160/6

Project ID

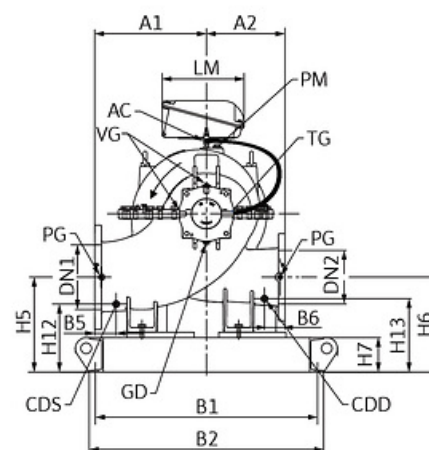
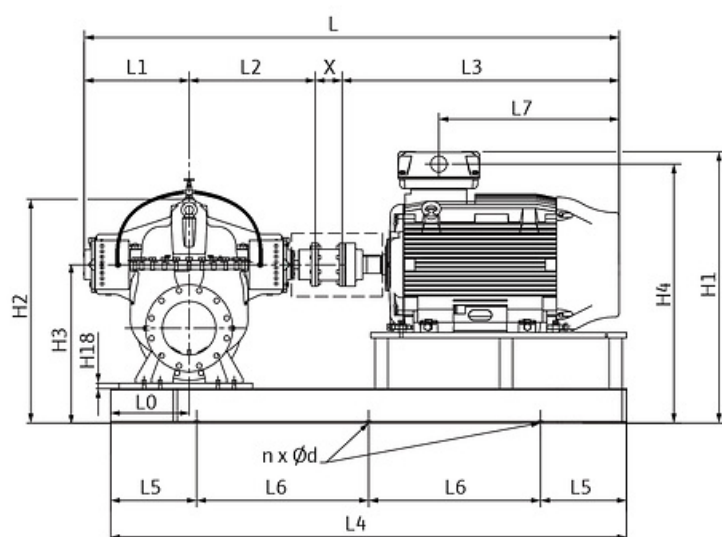
Untitled project 2025-03-01 21:17:33.621

Project name

Installation location

Customer pos. No.

Date 2025-03-01



Coupling with spacer

Suction side DN 450, PN 10

Discharge side DN 350, PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A1	700	CDD	1"	H13	333	H6	485
A2	525	CDS	1"	H16	520	H7	130
AC	3/8"	DN1	DN 450, PN 10	H18	25	L	3,010
B1	896	DN2	DN 350, PN 10	H2	1,275	L0	390
B2	986	GD	3/4"	H3	875	L1	586
B5	140	H1	1,520	H4	1,340	L2	703
B6	115	H12	280	H5	485	L3	1,541

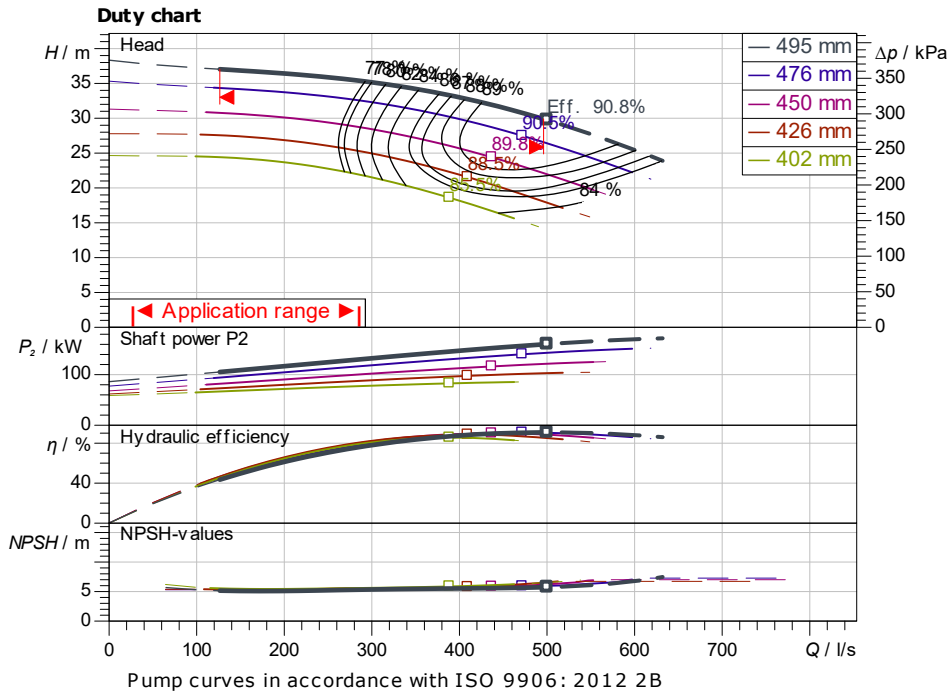
Technical data

Axially split case pump Atmos TERA-SCH350/500-160/6

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Requested data

Flow
Head
Media
Fluid temperature
Density
Kin. viscosity

Water 100 %
20.00 °C
998.30 kg/m³
1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P_2
Hydraulic efficiency
NPSH
Impeller size

495

Product data

Axially split case pump
Atmos TERA-SCH350/500-160/6
Max. operating pressure 1,600 kPa
Fluid temperature -10 °C ... +100 °C
Max. ambient temperature 40 °C
Minimum efficiency index (MEI)

Motor data per Motor/Pump

Motor efficiency level IE3
Mains connection 3~ 400 V / 50 Hz
Permitted voltage tolerance +10 %
Max. speed 980 1/min
Rated power P_2 160.00 kW
Rated current 294.00 A
Power factor 0.82
Efficiency 50% / 75% / 100% 95.6/95.6/95.8%
Degree of protection IP55
Insulation class F
Motor protection PTC

Fitting dimensions

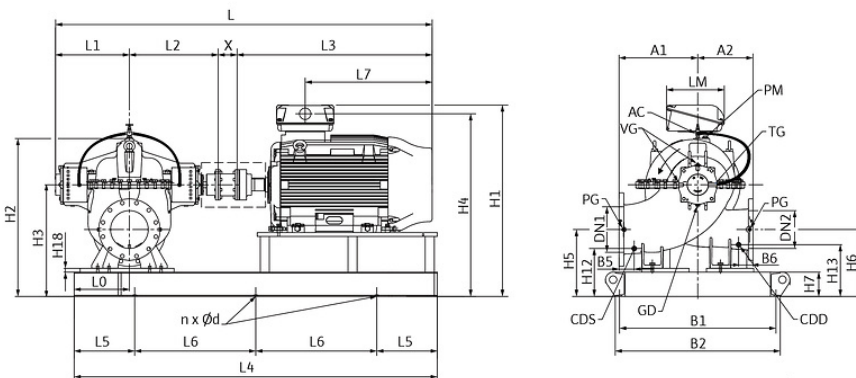
Pipe connection on the suction side DN 450, PN 10
Pipe connection (pressure side) DN 350, PN 10
Port to Port

Materials

Pump housing 5.1301/EN-GJL-250
Impeller 5.1301/EN-GJL-250
Shaft 1.4006
Shaft seal AQEGG

Information for order placements

Weight approx. 2904 kg
Item number



Hydraulic data

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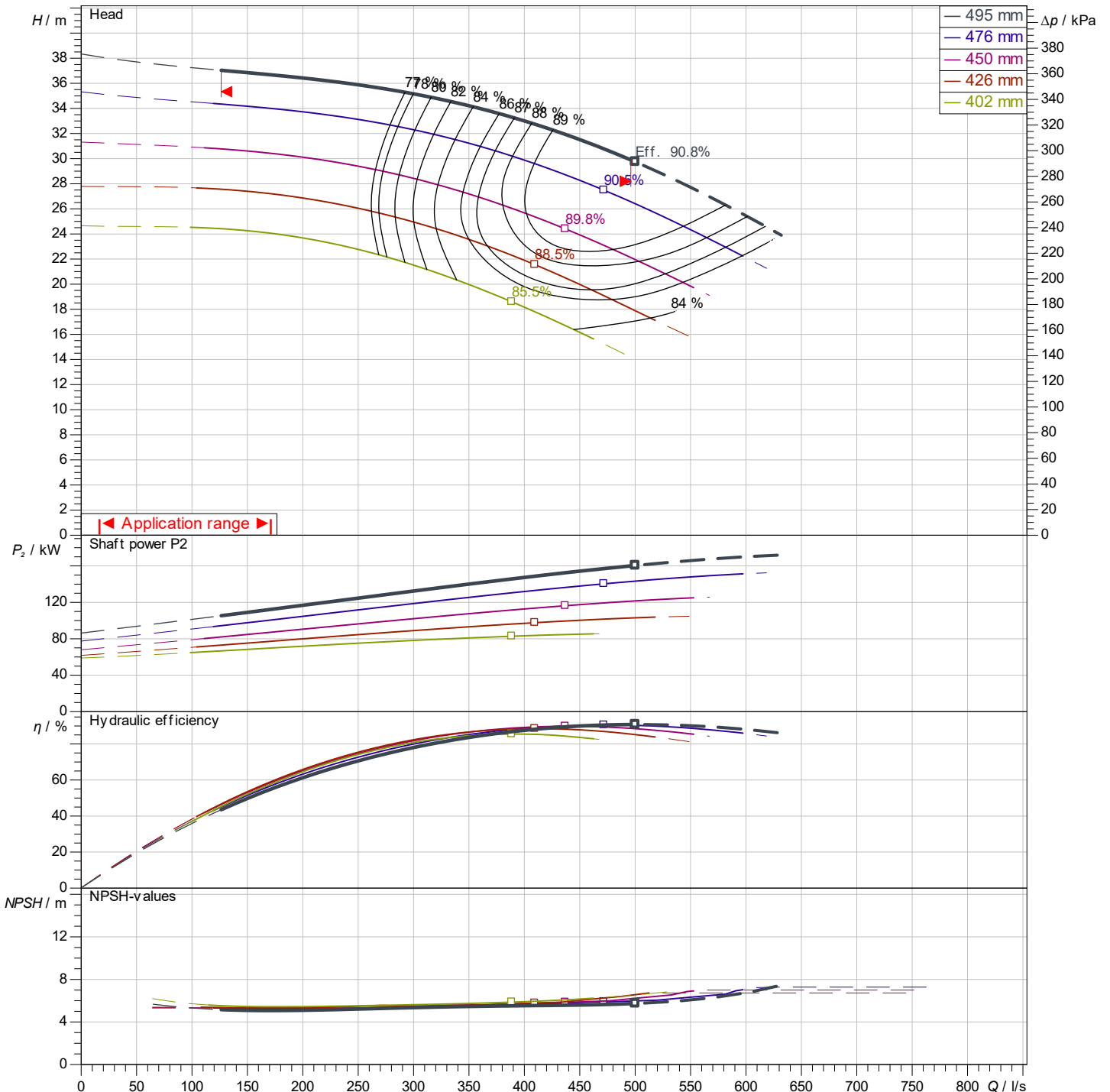
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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
980 1/min	50 Hz	Q =	H =	DN 450	DN 350

Power data referred to: Water; 20°C; 998.3kg/m³; 1.005mm²/s ±10 % tolerance with linear U/f frequency control



Pump curves in accordance with ISO 9906: 2012 2B