

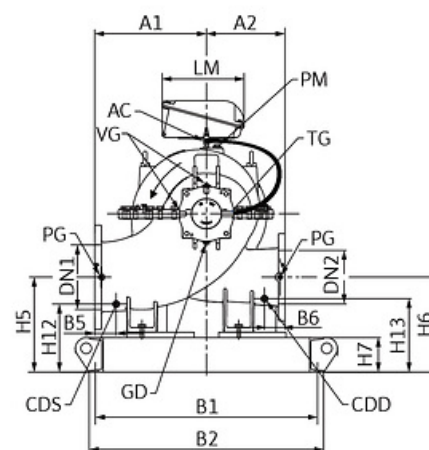
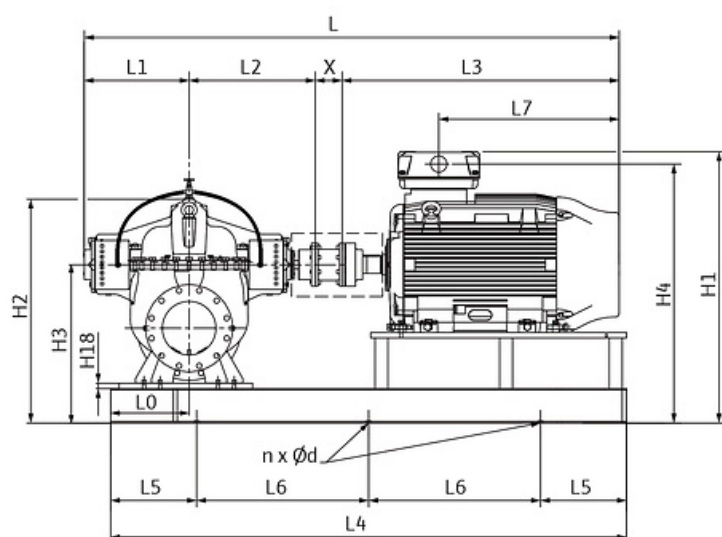
Dimensions

Axially split case pump Atmos TERA-SCH350/750-630/6

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 500, PN 10

Discharge side DN 350, PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A1	850	DN1	DN 500, PN 10	TG	M8		
A2	750	DN2	DN 350, PN 10	VG	M8		
AC	3/8"	GD	3/4"				
B5	200	L1	685.5				
B6	170	L2	871				
CDD	1"	PG	3/8"				
CDS	1"	PM	1"				

Technical data

Axially split case pump Atmos TERA-SCH350/750-630/6

Project ID

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

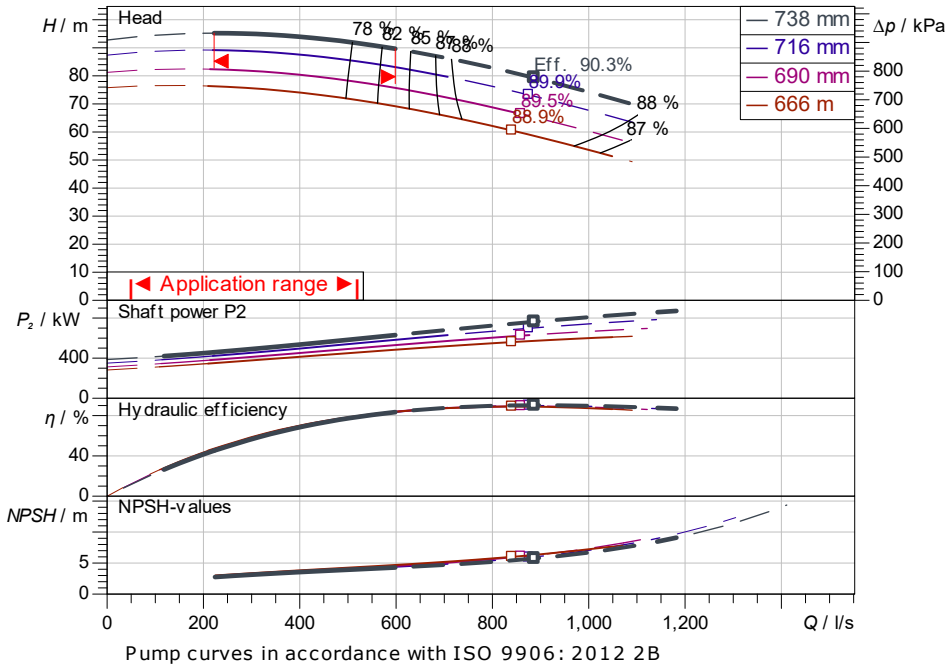
Project name

Installation location

Customer pos. No.

Date 2025-03-01

Duty chart



Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	
Impeller size	738

Product data

Axially split case pump	
Atmos TERA-SCH350/750-630/6	
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 P2	630.00 kW
Rated current	1,080.00 A
Power factor	
Efficiency	
50% / 75% / 100%	96.5/96.6/96.6%
Degree of protection	IP55
Insulation class	F
Motor protection	integrated

Fitting dimensions

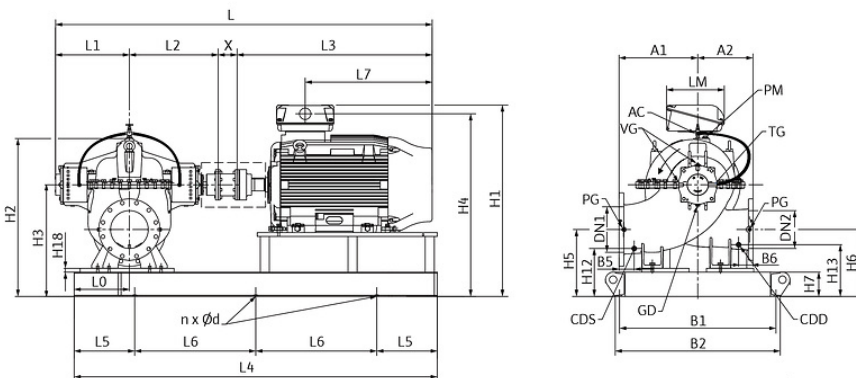
Pipe connection on the suction side	DN 500, PN 10
Pipe connection (pressure side)	DN 350, PN 10
Port to Port	

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.	8346 kg
Item number	



Hydraulic data

Axially split case pump
Atmos TERA-SCH350/750-630/6

Project ID

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

Project name

Installation location

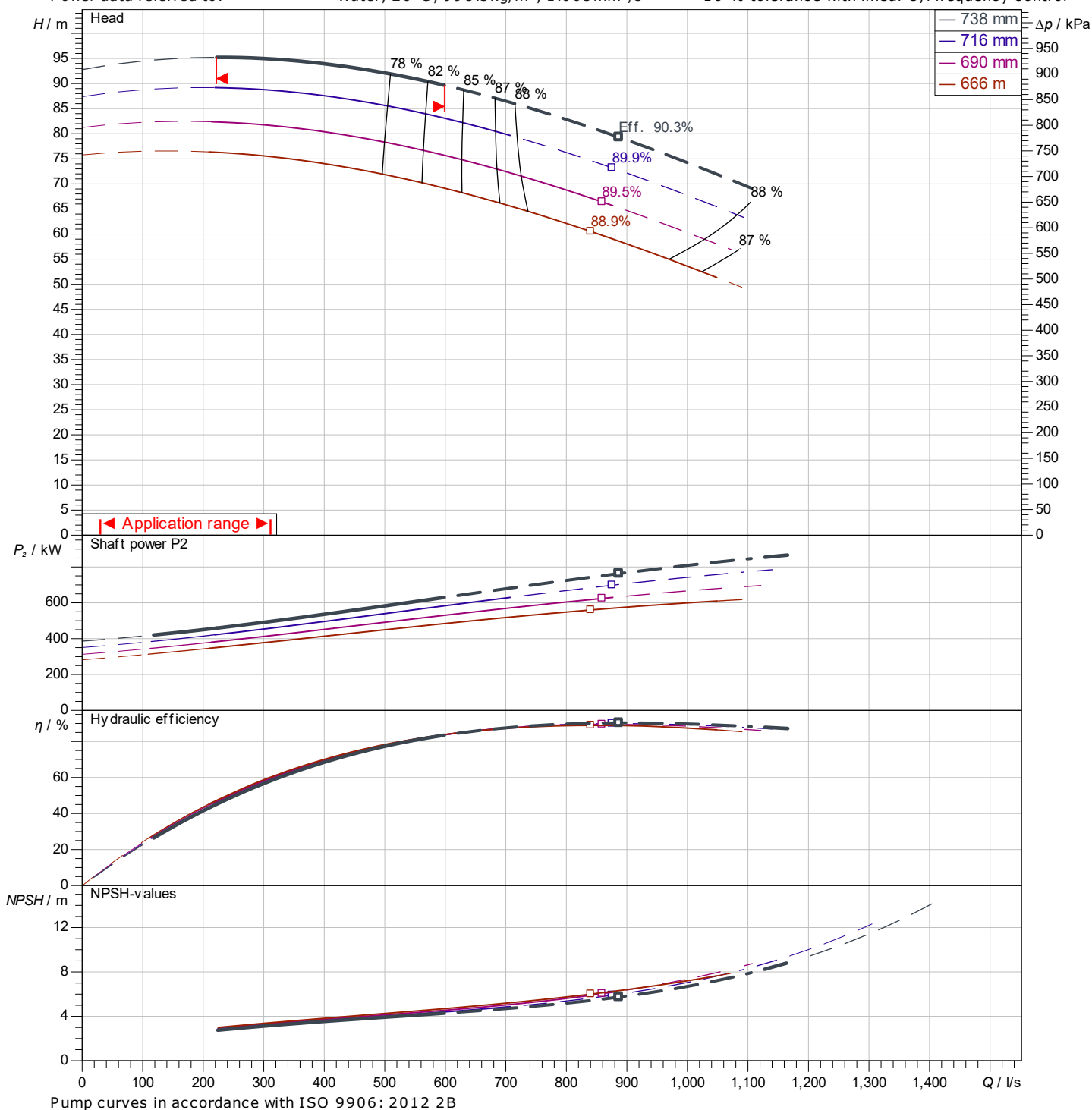
Customer pos. No.

Date 2025-03-01

Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
980 1/min	50 Hz	Q =	H =	DN 500	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