

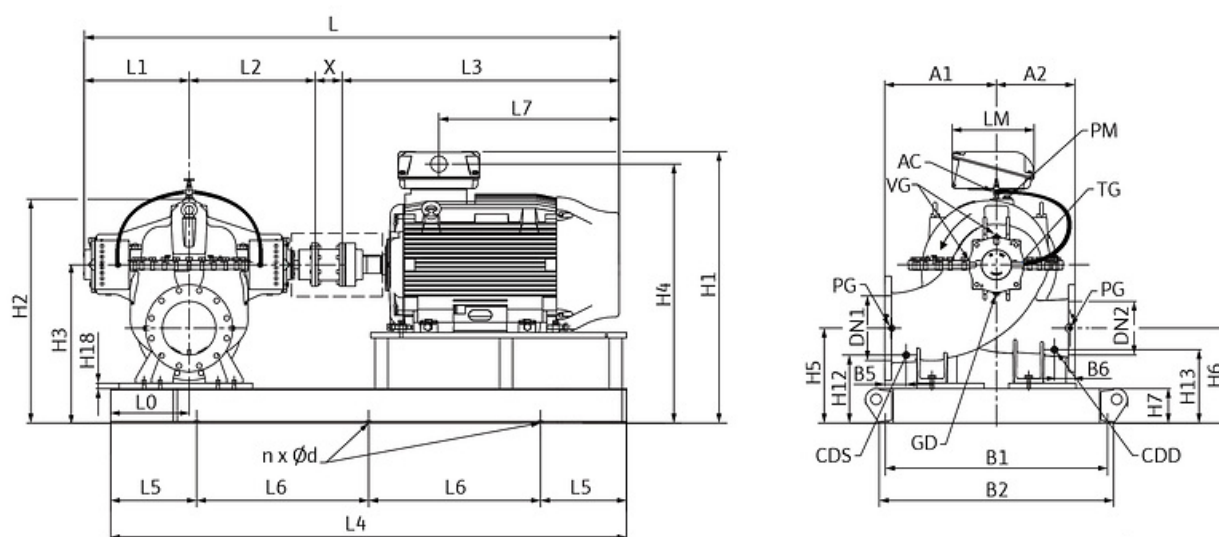
Dimensions

Axially split case pump Atmos TERA-SCH150/360-75/4

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 200, PN 10

Discharge side DN 150, PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A1	400	CDD	1"	H13	270	H6	325
A2	320	CDS	1"	H16	285	H7	120
AC	3/8"	DN1	DN 200, PN 10	H18	20	L	2,191
B1	783.8	DN2	DN 150, PN 10	H2	830	L0	290
B2	866	GD	3/4"	H3	565	L1	444.5
B5	110	H1	1,165	H4	936	L2	546.5
B6	95	H12	247	H5	325	L3	1,060

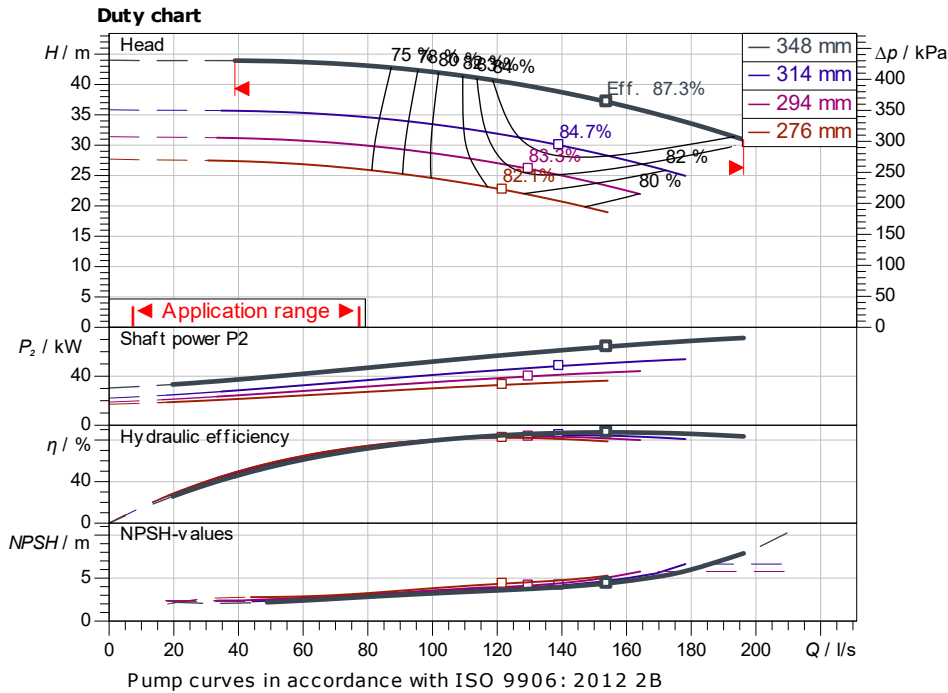
Technical data

Axially split case pump Atmos TERA-SCH150/360-75/4

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Requested data

Flow
Head
Media Water 100 %
Fluid temperature 20.00 °C
Density 998.30 kg/m³
Kin. viscosity 1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P_2
Hydraulic efficiency
NPSH
Impeller size 348

Product data

Axially split case pump
Atmos TERA-SCH150/360-75/4
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 1,450 1/min
Rated power P_2 75.00 kW
Rated current 134.00 A
Power factor 0.85
Efficiency 50% / 75% / 100% 94.5/95.1/95.2%
Degree of protection IP55
Insulation class F
Motor protection integrated

Fitting dimensions

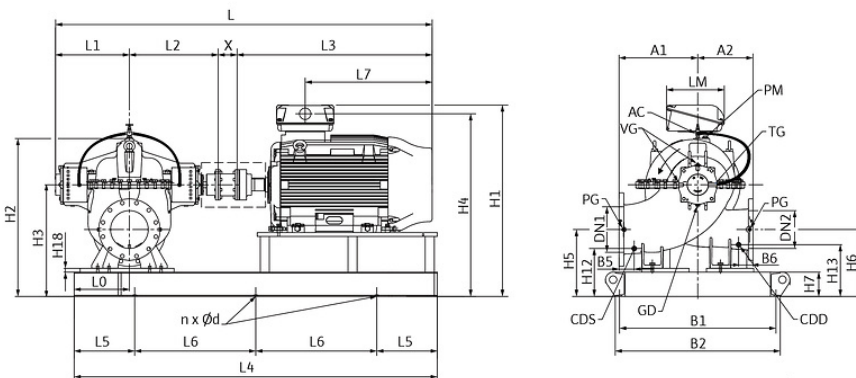
Pipe connection on the suction side DN 200, PN 10
Pipe connection (pressure side) DN 150, PN 10
Port to Port

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. 1115 kg
Item number



Hydraulic data

Axially split case pump

Atmos TERA-SCH150/360-75/4

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Operating data

Rotational speed	Frequency	Duty point	H =	Suction port	Discharge port
1485 1/min	50 Hz	Q =		DN 200	DN 150

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

