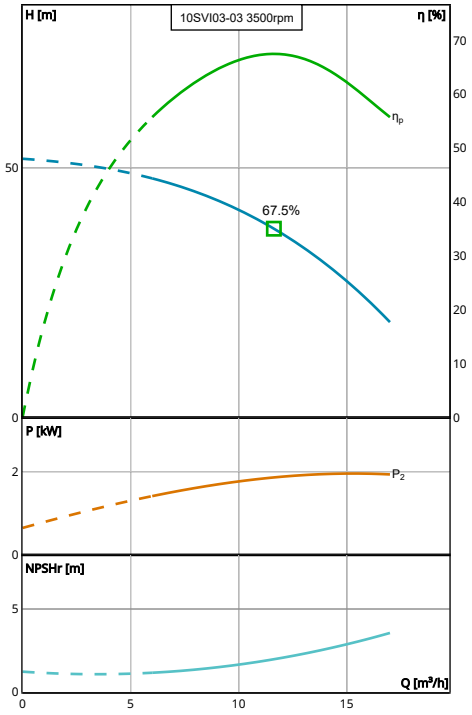
10SVI03-12CG022T6PQQV | Configuration Summary





Performance according to ISO 9906:2012

The e-SVI is an efficient, reliable, high-performance pump, comprised of an energy saving, vertical multistage pump coupled to a IEC high efficient motor. Plus, an immersible hydraulic end provides an ideal solution for top mount applications.

PUMP

Installation Coupled	Number Of Impellers 3
Immersion Depth 48.00 cm	Empty Stages Added 9
Minimum Depth 17.76 cm	Total Number Of Stages 12
Maximum Depth 104.15 cm	Pump Size 10SVI

MOTOR

Vendor Lowara PLM	Power 2.2 kW
Frequency (Hz) 60	Phase (~) 3
Poles 2	Voltage 220-230/380-400 V
Efficiency IE3	

MATERIALS

Construction
Stainless Steel (AISI 304)

SEAL

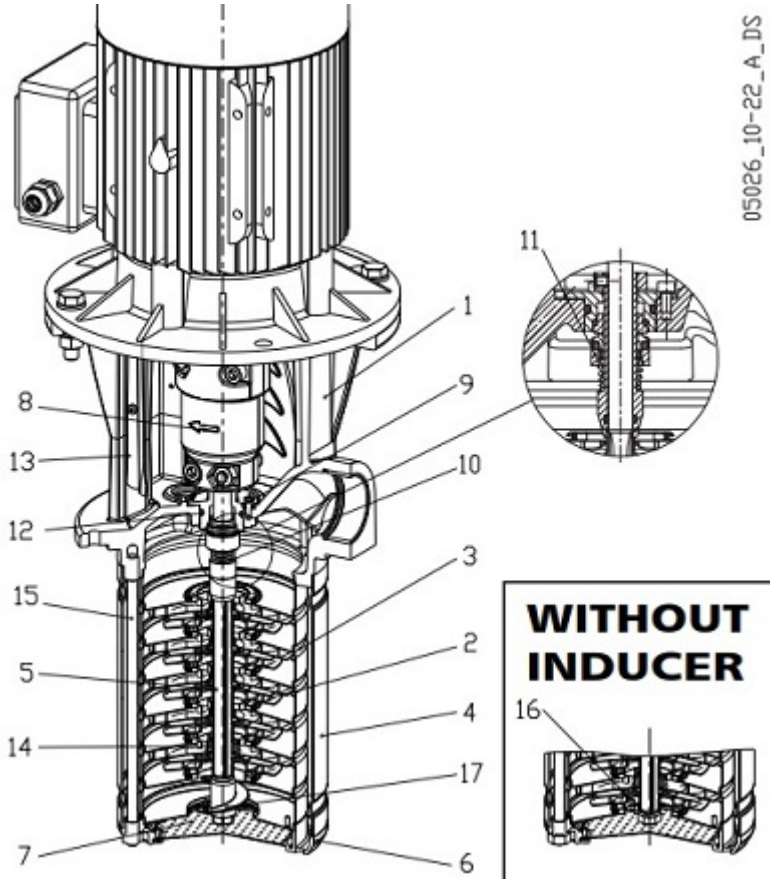
Type of Seal Cartridge Seals	Rotating Face Silicon Carbide
Name Q1Q1VGG	Stationary Face Silicon Carbide
	Elastomers FKM (FPM)
	Springs AISI 316
	Metal Components AISI 316
	Min Temperature -10.0 °C
	Max Temperature 90.0 °C

STANDARD OPTIONS

PTC Sensor	UL Approved (cURus)

Project:	Created By:	Created On:	Last Update:
20261699692	Konstantin Arslanov	05/11/2026	05/11/2026

10SVI03-12CG022T6PQQV | Product Details



Construction Materials

Adapter (1)
Cast iron / ASTM Class 35

Impeller (2)
Stainless Steel / AISI 304

Diffuser (3)
Stainless Steel / AISI 304

Outer sleeve (4)
Stainless Steel / AISI 316L

Shaft (5)
Stainless Steel / AISI 304

Suction base (6)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Strainer (7)
Stainless Steel / AISI 316

Coupling (8)
Aluminium

Removable seal housing (9)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Mechanical seal (10)
See Seal Section

Cartrige Seal (11)
See Seal Section

Elastomers (12)
See Seal Section

Coupling protection (13)
Stainless Steel / AISI 304

Shaft sleeve and bushing (14)
Tungsten carbide

Tie rods (15)
Stainless Steel / AISI 316

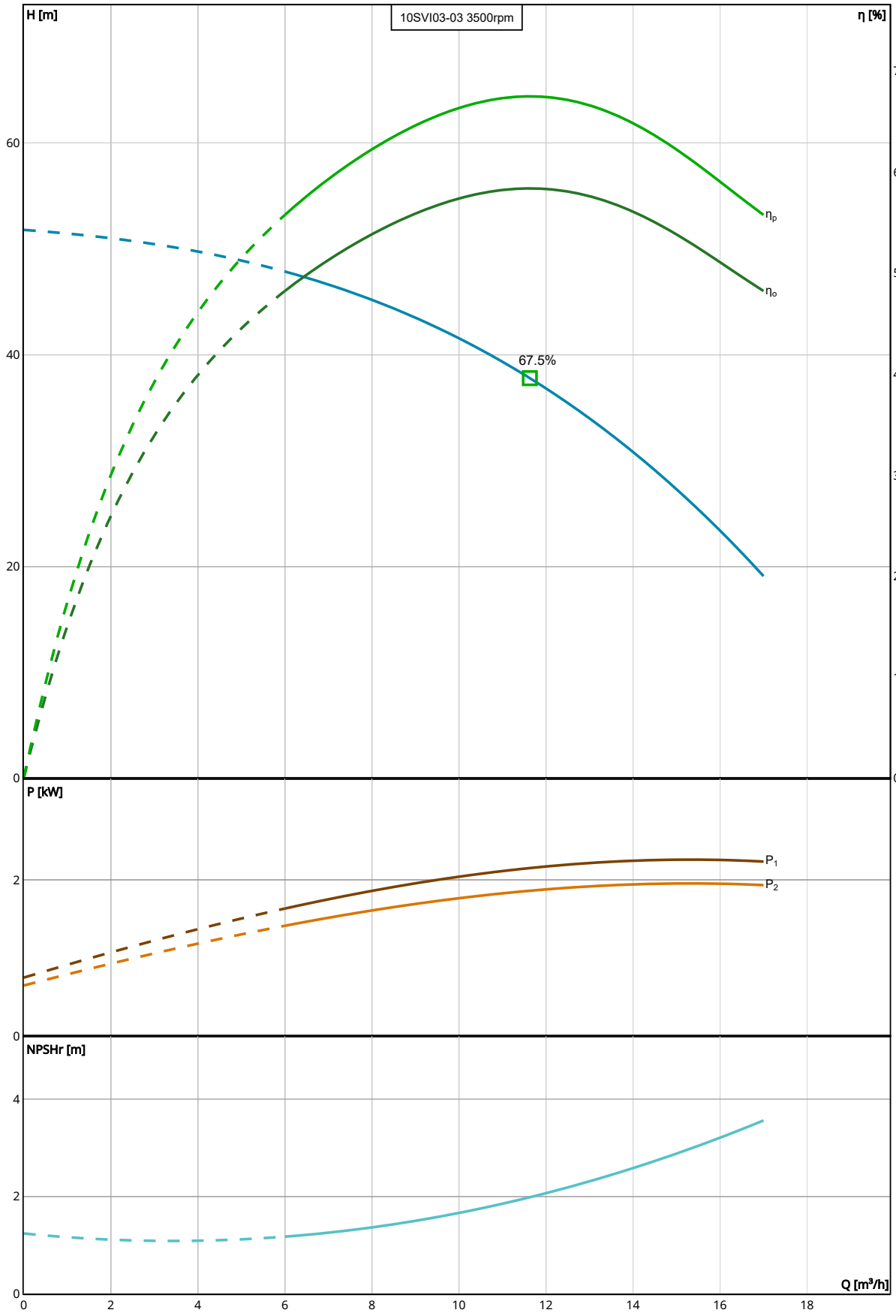
Screws (16)
Stainless Steel / AISI 316

Inducer (17)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Motor

Motor Name PLM 90 B14 2.2 kW	Phase 3	IE Class IE3	Frame Size 90 L
Design IM B14	Rated power 2.2 kW	Enclosure IP 55	ICL F
Standard IEC	Service Factor 1	Efficiency (%) 86.5	Motor Vendor PLM
Shaft Diameter 24 mm	Voltage 220-230/380-400 V	cos phi 0.8	Weight 18 kg
L Shaft 50 mm	Speed 3490.0 rpm	Rated Current 7.97-4.6 A	

10SVI03-12CG022T6PQQV | Hydraulic Data & Performance Curve



Performance according to ISO 9906:2012

Project:	Created By:	Created On:	Last Update:
20261699692	Konstantin Arslanov	05/11/2026	05/11/2026

Selection

Series
e-SVI

Name
10SVI03-03 3500rpm

Stages
3

Frequency
60 Hz

Acceptance Grade
Manufacturer's Standard

System Type
Single Pump

Operating Pumps
1

Standby Pumps
No Standby Pump

Fluid and Operating Conditions

Fluid Type
Water

Fluid Temperature
4 °C

Specific Gravity
1

Density
1,000 kg/m³

Dynamic Viscosity
0.002 Pa·s

Fluid Vapor Pressure
8.14 mbar

Atmospheric Pressure
1,013.53 mbar

Elevation
0 m

Ambient Temperature
20 °C

NPSH Available
10.27 m

Submergence
0 m

Design Curve

Rated Speed
3,500 RPM

Min Flow
6 m³/h

Max Flow
17 m³/h

H@QMin
47.86 m

H@QMax
19.1 m

BEP
67.48 %

BEP Flow
11.63 m³/h

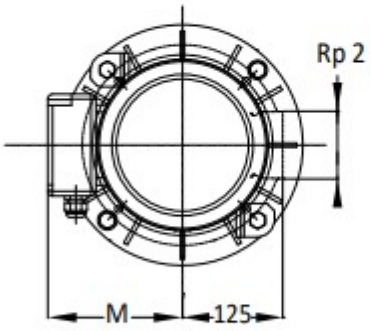
BEP Head
37.79 m

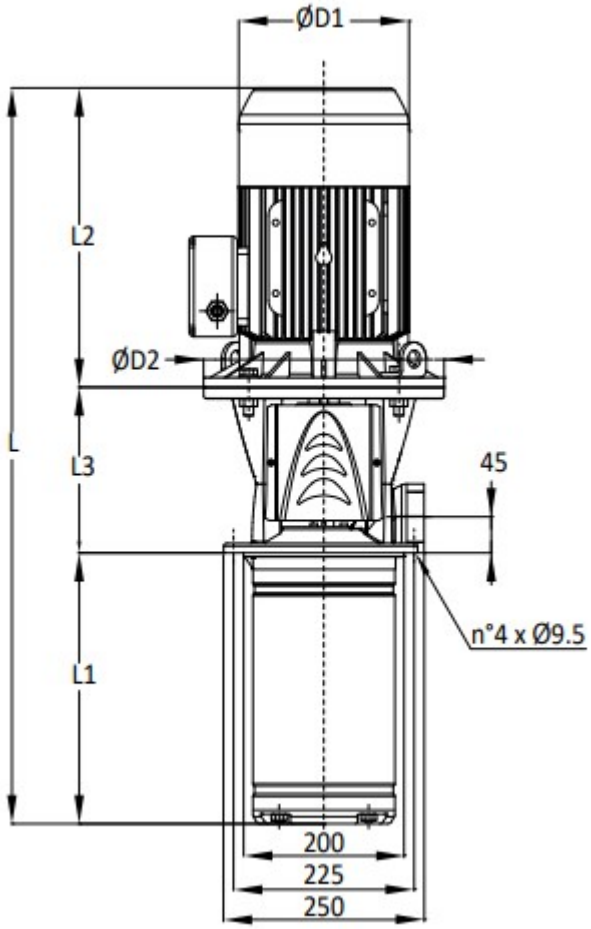
Max Operating Pressure
5,071.64 mbar

Shut Off Head
51.79 m

Max P2
1.95 kW

10SVI03-12CG022T6PQQV | Dimensional Data & Drawing





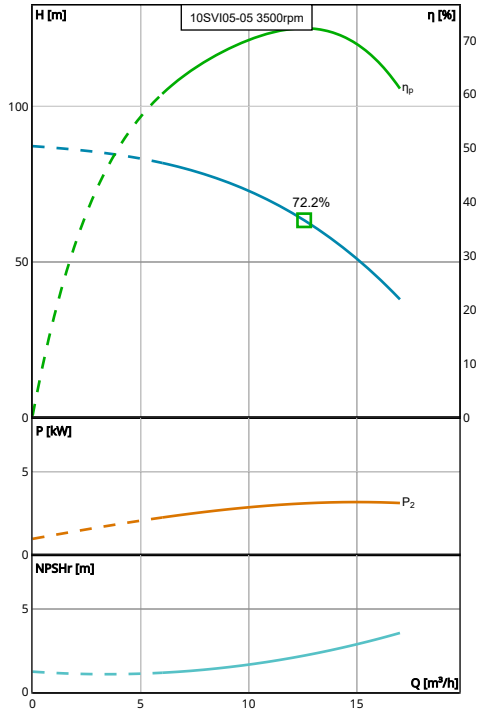
Drawing is preliminary and is subject to change.

Dimensions

D1 174 mm	L2 298 mm	Total Weight 36.99 kg
D2 140 mm	L3 132 mm	
L 927.5 mm	M 134 mm	
L1 497.5 mm	Weight (Pump Only) 13.86 kg	

10SVI05-12CG040T6PQQV | Configuration Summary





Performance according to ISO 9906:2012

The e-SVI is an efficient, reliable, high-performance pump, comprised of an energy saving, vertical multistage pump coupled to a IEC high efficient motor. Plus, an immersible hydraulic end provides an ideal solution for top mount applications.

PUMP

Installation Coupled	Number Of Impellers 5
Immersion Depth 48.00 cm	Empty Stages Added 7
Minimum Depth 24.16 cm	Total Number Of Stages 12
Maximum Depth 104.15 cm	Pump Size 10SVI

MOTOR

Vendor Lowara PLM	Power 4 kW
Frequency (Hz) 60	Phase (~) 3
Poles 2	Voltage 220-230/380-400 V
Efficiency IE3	

MATERIALS

Construction
Stainless Steel (AISI 304)

SEAL

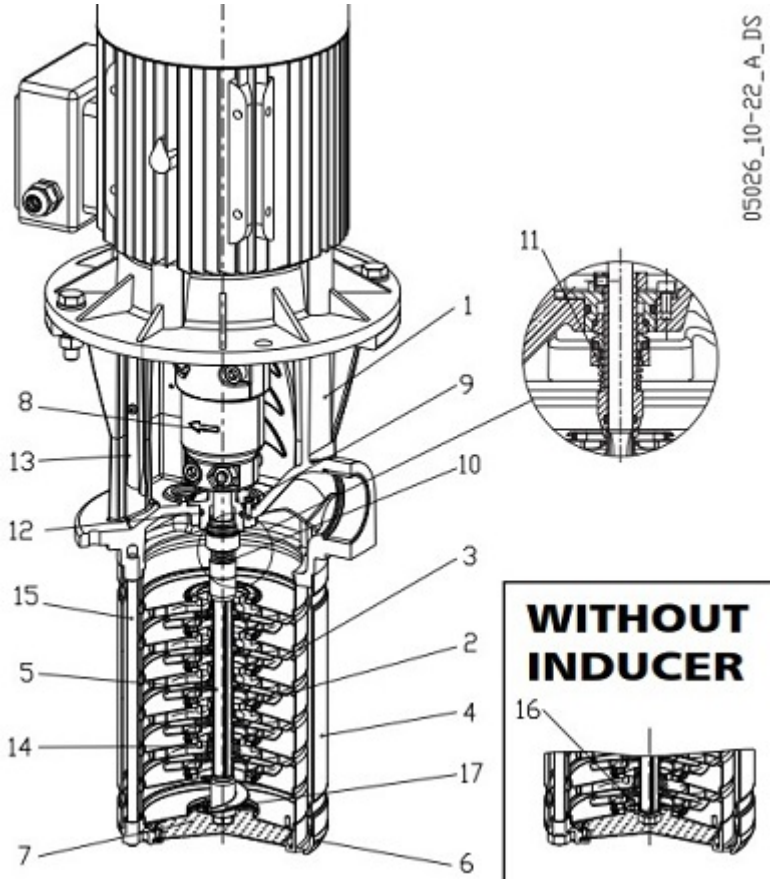
Type of Seal Cartridge Seals	Rotating Face Silicon Carbide
Name Q1Q1VGG	Stationary Face Silicon Carbide
	Elastomers FKM (FPM)
	Springs AISI 316
	Metal Components AISI 316
	Min Temperature -10.0 °C
	Max Temperature 90.0 °C

STANDARD OPTIONS

PTC Sensor	UL Approved (cURus)

Project:	Created By:	Created On:	Last Update:
20261699692	Konstantin Arslanov	05/11/2026	05/11/2026

10SVI05-12CG040T6PQQV | Product Details



Construction Materials

Adapter (1)
Cast iron / ASTM Class 35

Impeller (2)
Stainless Steel / AISI 304

Diffuser (3)
Stainless Steel / AISI 304

Outer sleeve (4)
Stainless Steel / AISI 316L

Shaft (5)
Stainless Steel / AISI 304

Suction base (6)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Strainer (7)
Stainless Steel / AISI 316

Coupling (8)
Aluminium

Removable seal housing (9)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Mechanical seal (10)
See Seal Section

Cartrige Seal (11)
See Seal Section

Elastomers (12)
See Seal Section

Coupling protection (13)
Stainless Steel / AISI 304

Shaft sleeve and bushing (14)
Tungsten carbide

Tie rods (15)
Stainless Steel / AISI 316

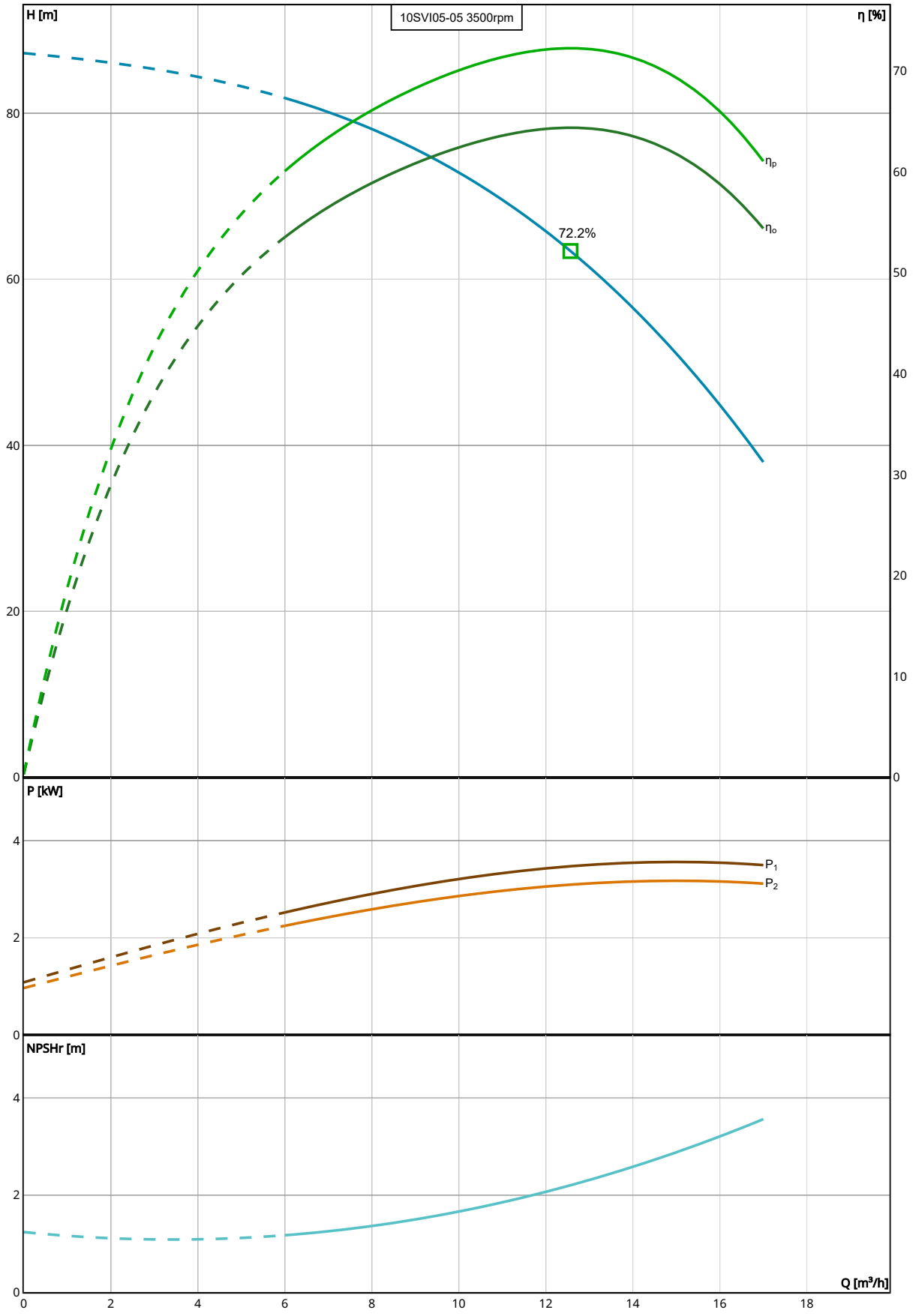
Screws (16)
Stainless Steel / AISI 316

Inducer (17)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Motor

Motor Name	Phase	IE Class	Frame Size
PLM 112R B14 4 kW	3	IE3	112 M
Design	**Rated power**	**Enclosure**	**ICL**
IM B14	4 kW	IP 55	F
Standard	**Service Factor**	**Efficiency (%)**	**Motor Vendor**
IEC	1	89.1	PLM
Shaft Diameter	**Voltage**	**cos phi**	**Weight**
28 mm	220-230/380-400 V	0.85	37.6 kg
L Shaft	**Speed**	**Rated Current**	
60 mm	3510.0 rpm	13.6-7.87 A	

10SVI05-12CG040T6PQQV | Hydraulic Data & Performance Curve



Performance according to ISO 9906:2012

Project:	Created By:	Created On:	Last Update:
20261699692	Konstantin Arslanov	05/11/2026	05/11/2026

Selection

Series
e-SVI

Name
10SVI05-05 3500rpm

Stages
5

Frequency
60 Hz

Acceptance Grade
Manufacturer's Standard

System Type
Single Pump

Operating Pumps
1

Standby Pumps
No Standby Pump

Fluid and Operating Conditions

Fluid Type
Water

Fluid Temperature
4 °C

Specific Gravity
1

Density
1,000 kg/m³

Dynamic Viscosity
0.002 Pa·s

Fluid Vapor Pressure
8.14 mbar

Atmospheric Pressure
1,013.53 mbar

Elevation
0 m

Ambient Temperature
20 °C

NPSH Available
10.27 m

Submergence
0 m

Design Curve

Rated Speed
3,500 RPM

Min Flow
6 m³/h

Max Flow
17 m³/h

H@QMin
81.83 m

H@QMax
37.99 m

BEP
72.24 %

BEP Flow
12.57 m³/h

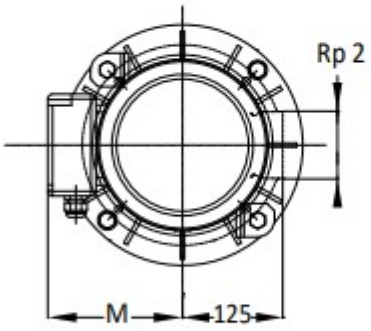
BEP Head
63.4 m

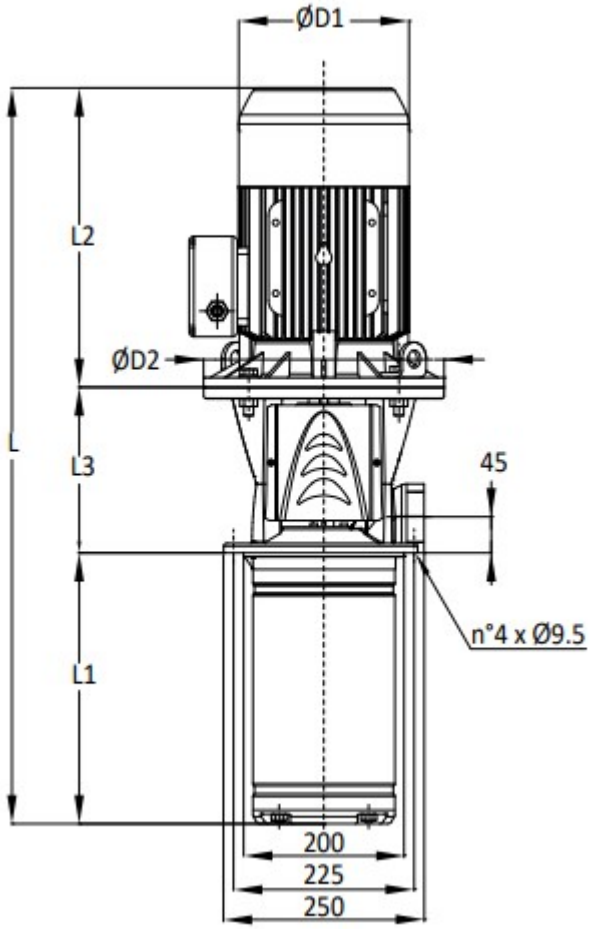
Max Operating Pressure
8,542.66 mbar

Shut Off Head
87.24 m

Max P2
3.17 kW

10SVI05-12CG040T6PQQV | Dimensional Data & Drawing





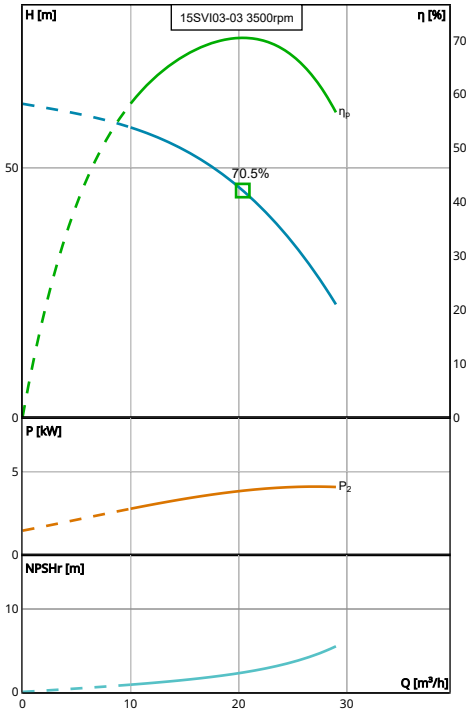
Drawing is preliminary and is subject to change.

Dimensions

D1 197 mm	L2 319 mm	Total Weight 47.3 kg
D2 160 mm	L3 142 mm	
L 958.5 mm	M 154 mm	
L1 497.5 mm	Weight (Pump Only) 16.91 kg	

15SVI03-10CG040T6PQQV | Configuration Summary





Performance according to ISO 9906:2012

The e-SVI is an efficient, reliable, high-performance pump, comprised of an energy saving, vertical multistage pump coupled to a IEC high efficient motor. Plus, an immersible hydraulic end provides an ideal solution for top mount applications.

PUMP

Installation Coupled	Number Of Impellers 3
Immersion Depth 60.00 cm	Empty Stages Added 7
Minimum Depth 22.56 cm	Total Number Of Stages 10
Maximum Depth 104.15 cm	Pump Size 15SVI

MOTOR

Vendor Lowara PLM	Power 4 kW
Frequency (Hz) 60	Phase (~) 3
Poles 2	Voltage 220-230/380-400 V
Efficiency IE3	

MATERIALS

Construction
Stainless Steel (AISI 304)

SEAL

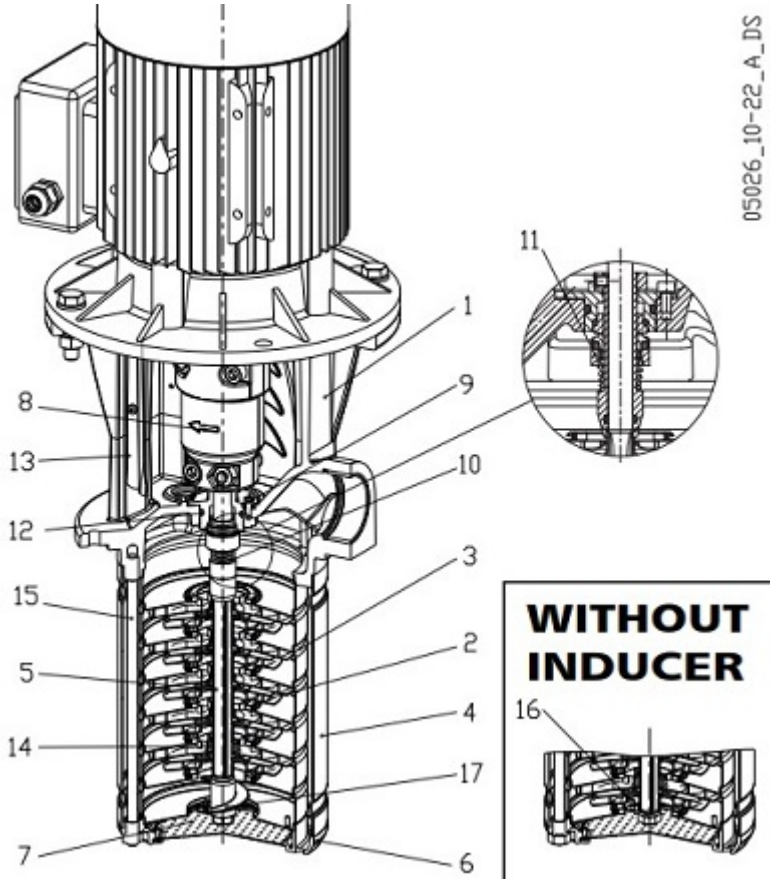
Type of Seal Cartridge Seals	Rotating Face Silicon Carbide
Name Q1Q1VGG	Stationary Face Silicon Carbide
	Elastomers FKM (FPM)
	Springs AISI 316
	Metal Components AISI 316
	Min Temperature -10.0 °C
	Max Temperature 90.0 °C

STANDARD OPTIONS

PTC Sensor	UL Approved (cURus)

Project:	Created By:	Created On:	Last Update:
20261699692	Konstantin Arslanov	05/11/2026	05/11/2026

15SVI03-10CG040T6PQQV | Product Details



Construction Materials

Adapter (1)
Cast iron / ASTM Class 35

Impeller (2)
Stainless Steel / AISI 304

Diffuser (3)
Stainless Steel / AISI 304

Outer sleeve (4)
Stainless Steel / AISI 316L

Shaft (5)
Stainless Steel / AISI 304

Suction base (6)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Strainer (7)
Stainless Steel / AISI 316

Coupling (8)
Aluminium

Removable seal housing (9)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Mechanical seal (10)
See Seal Section

Cartrige Seal (11)
See Seal Section

Elastomers (12)
See Seal Section

Coupling protection (13)
Stainless Steel / AISI 304

Shaft sleeve and bushing (14)
Tungsten carbide

Tie rods (15)
Stainless Steel / AISI 316

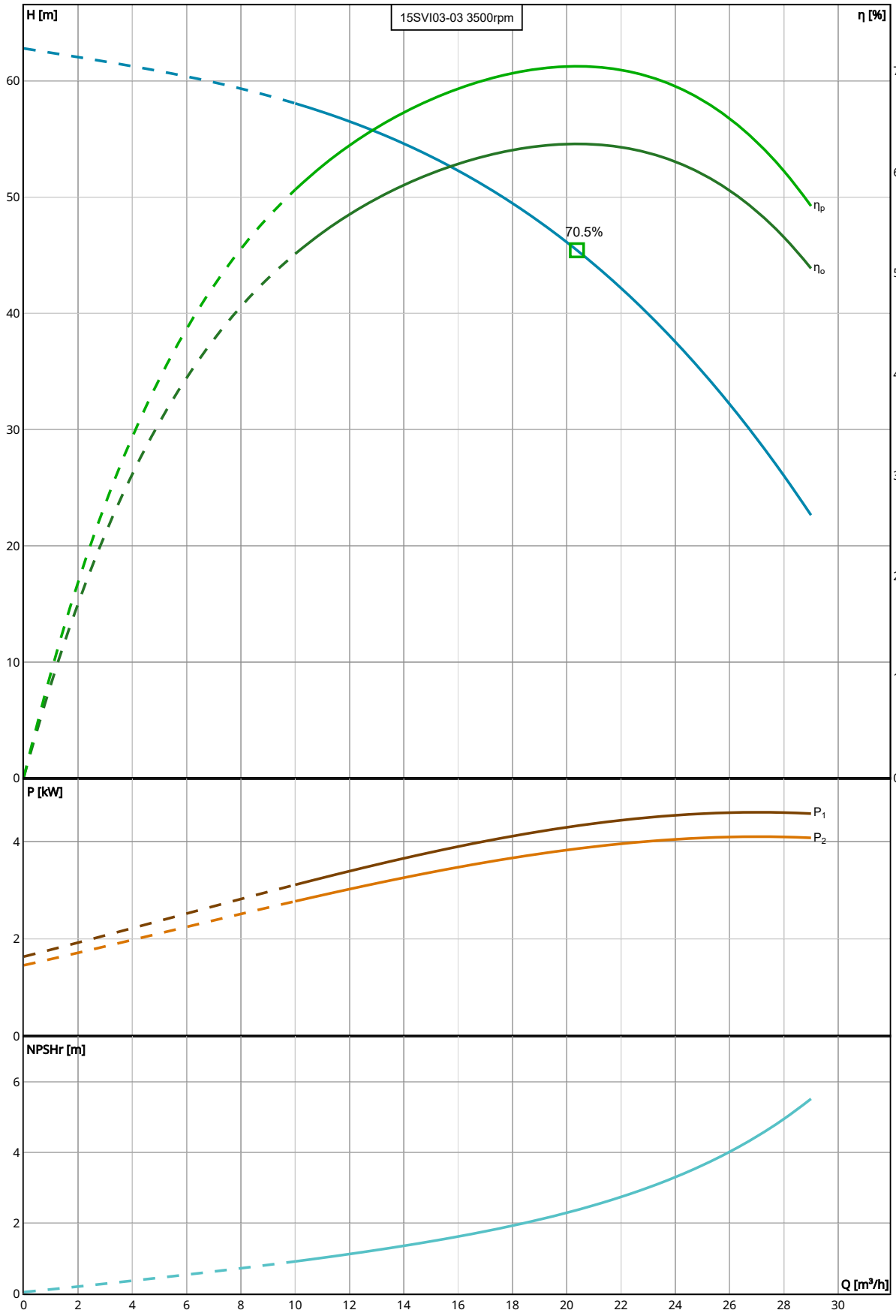
Screws (16)
Stainless Steel / AISI 316

Inducer (17)
Stainless Steel / ASTM CF8M (AISI 316 cast)

Motor

Motor Name	Phase	IE Class	Frame Size
PLM 112R B14 4 kW	3	IE3	112 M
Design	**Rated power**	**Enclosure**	**ICL**
IM B14	4 kW	IP 55	F
Standard	**Service Factor**	**Efficiency (%)**	**Motor Vendor**
IEC	1	89.1	PLM
Shaft Diameter	**Voltage**	**cos phi**	**Weight**
28 mm	220-230/380-400 V	0.85	37.6 kg
L Shaft	**Speed**	**Rated Current**	
60 mm	3510.0 rpm	13.6-7.87 A	

15SVI03-10CG040T6PQQV | Hydraulic Data & Performance Curve



Performance according to ISO 9906:2012

Project:	Created By:	Created On:	Last Update:
20261699692	Konstantin Arslanov	05/11/2026	05/11/2026

Selection

Series
e-SVI

Name
15SVI03-03 3500rpm

Stages
3

Frequency
60 Hz

Acceptance Grade
Manufacturer's Standard

System Type
Single Pump

Operating Pumps
1

Standby Pumps
No Standby Pump

Fluid and Operating Conditions

Fluid Type
Water

Fluid Temperature
4 °C

Specific Gravity
1

Density
1,000 kg/m³

Dynamic Viscosity
0.002 Pa·s

Fluid Vapor Pressure
8.14 mbar

Atmospheric Pressure
1,013.53 mbar

Elevation
0 m

Ambient Temperature
20 °C

NPSH Available
10.27 m

Submergence
0 m

Design Curve

Rated Speed
3,500 RPM

Min Flow
10 m³/h

Max Flow
29 m³/h

H@QMin
58.06 m

H@QMax
22.64 m

BEP
70.46 %

BEP Flow
20.38 m³/h

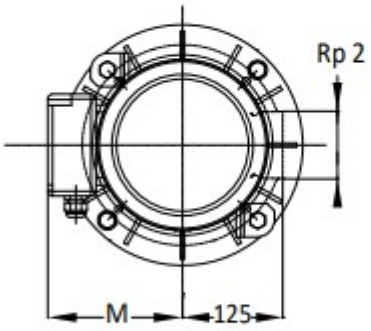
BEP Head
45.43 m

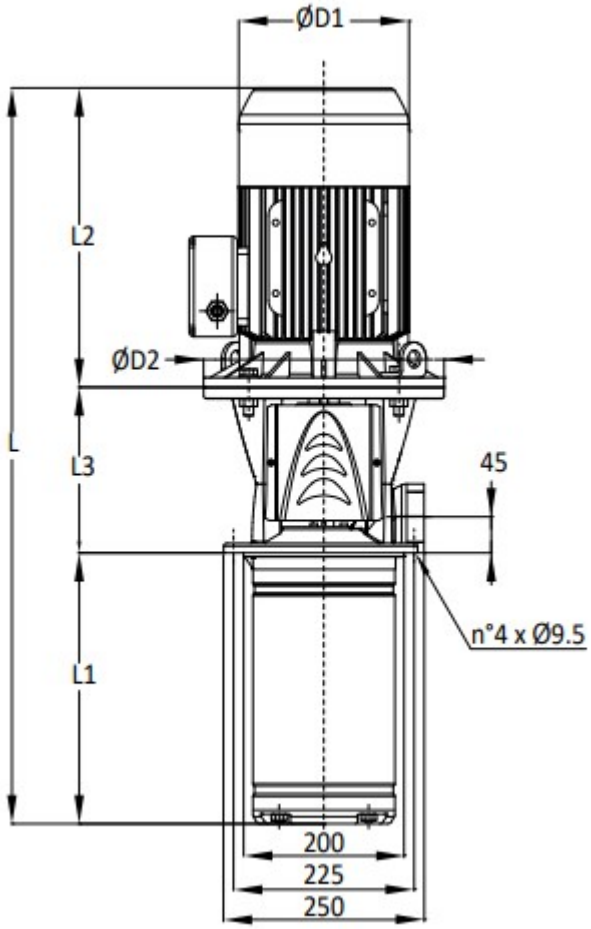
Max Operating Pressure
6,148.99 mbar

Shut Off Head
62.79 m

Max P2
4.1 kW

15SVI03-10CG040T6PQQV | Dimensional Data & Drawing





Drawing is preliminary and is subject to change.

Dimensions

D1 197 mm	L2 319 mm	Total Weight 48.45 kg
D2 160 mm	L3 142 mm	
L 1070.5 mm	M 154 mm	
L1 609.5 mm	Weight (Pump Only) 16.52 kg	