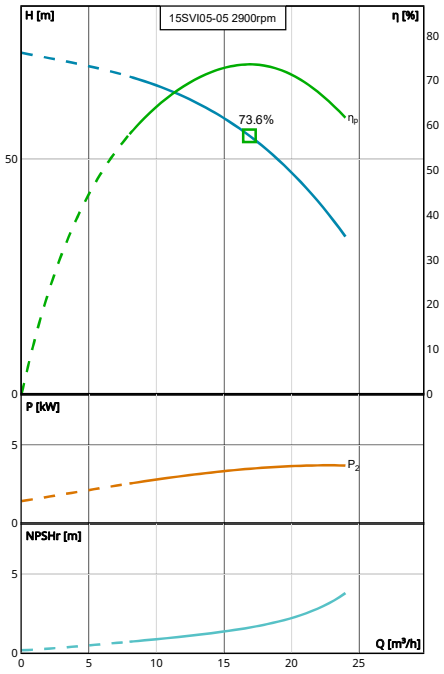
15SVI05-07CG040T5VQQV | Configuration Summary





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 45.00 cm	Empty Stages Added 2
Minimum Depth 32.16 cm	Total Number Of Stages 7
Maximum Depth 104.15 cm	Pump Size 15SVI

MOTOR

Vendor Lowara PLM	Power 4 kW
Frequency (Hz) 50	Phase (~) 3
Poles 2	Voltage 380-415/660-690 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

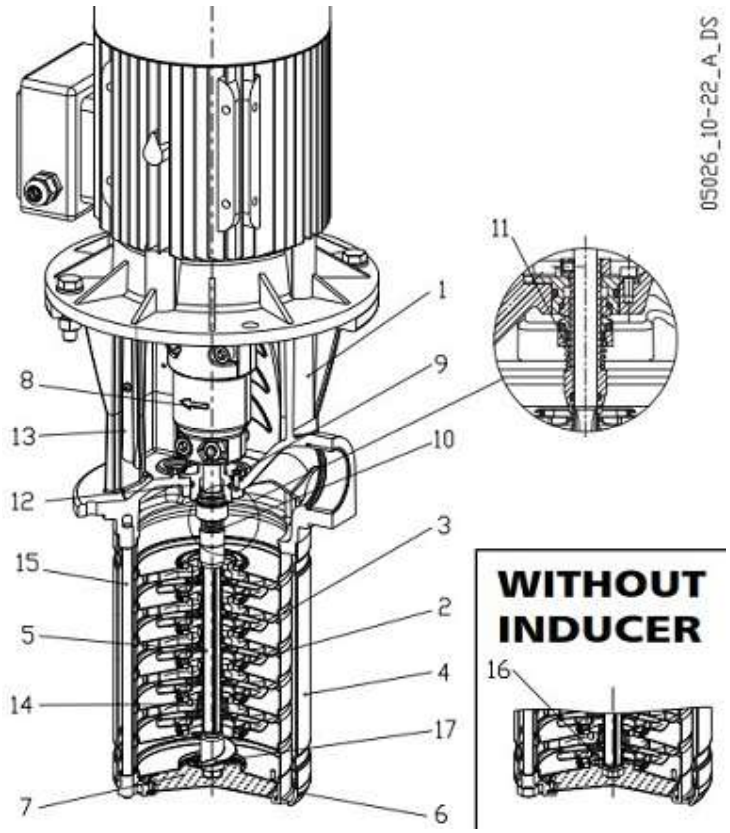
STANDARD OPTIONS

PTC Sensor	UL Approved (cURus)

Project:	Created By:	Created On:	Last Update:
15SVI05-07CG040T5VQQV	Mark Chaplin	11/25/26	-

No	No

15SVI05-07CG040T5VQQV | 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

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

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

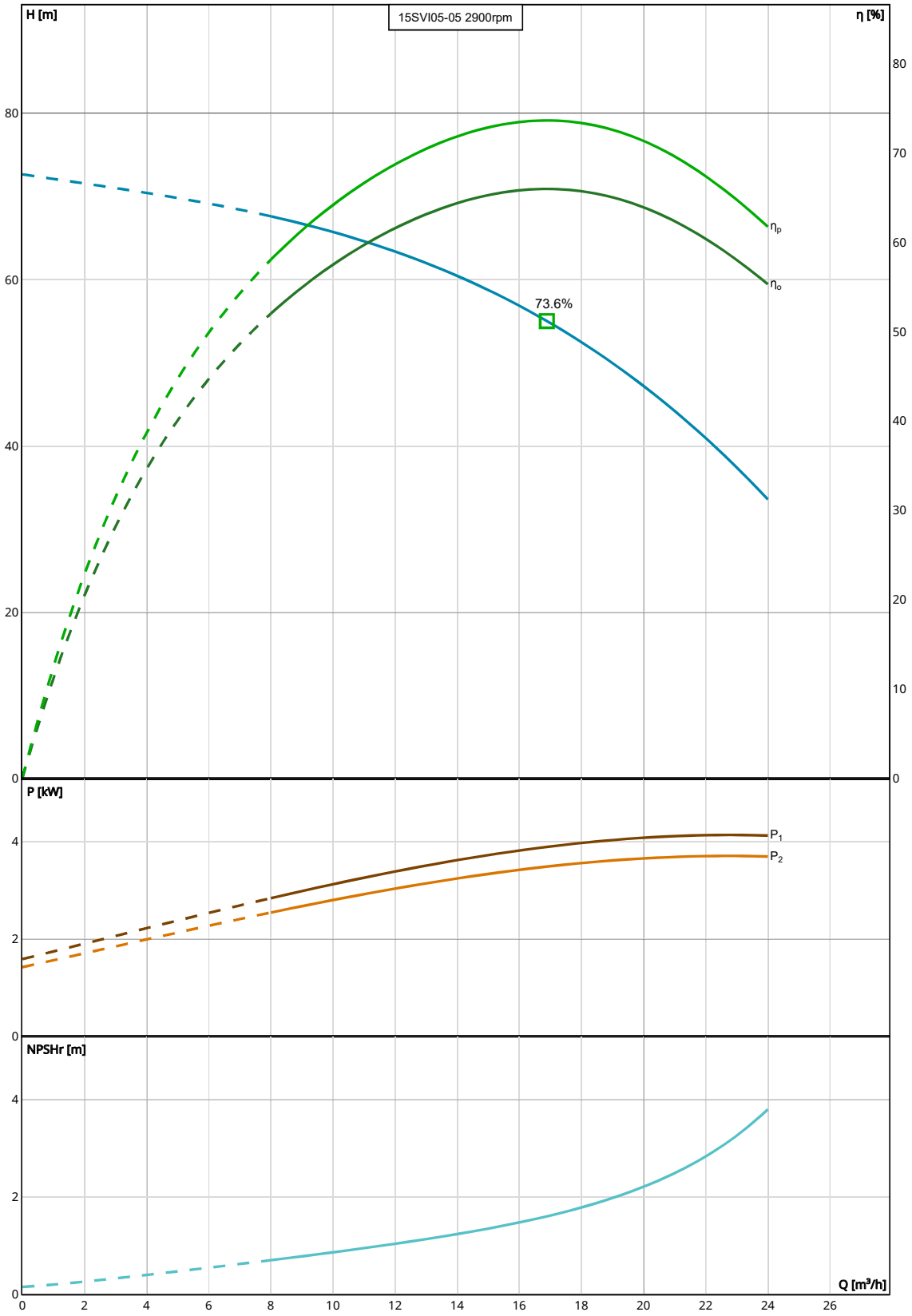
Tie rods (15)
Stainless Steel / AISI 316

Screws (16)
Stainless Steel / AISI 316

Motor

Motor Name PLM 112R B14 4 kW	**Phase** 3	**IE Class** IE3	**Frame Size** 112 M
Design IM B14	**Rated power** 4 kW	**Enclosure** IP 55	**ICL** F
Standard IEC	**Service Factor** 1	**Efficiency (%)** 89.6	**Motor Vendor** PLM
Shaft Diameter 28 mm	**Voltage** 380-415/660-690 V	**cos phi** 0.85	**Weight** 37.6 kg
L Shaft 60 mm	**Speed** 2885.0 rpm	**Rated Current** 7.62-4.4 A	

15SVI05-07CG040T5VQQV | Hydraulic Data & Performance Curve



Performance according to ISO 9906:2012

Project:	Created By:	Created On:	Last Update:
15SVI05-07CG040T5VQQV	Mark Chaplin	11/25/26	-

Selection

Series
e-SVI

Name
15SVI05-05 2900rpm

Stages
5

Frequency
50 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
1.57 cP

Fluid Vapor Pressure
0.01 bar

Atmospheric Pressure
1.01 bar

Elevation
0 m

Ambient Temperature
20 °C

NPSH Available
10.27 m

Submergence
0 m

Design Curve

Rated Speed
2,900 RPM

Min Flow
8 m³/h

Max Flow
24 m³/h

H@QMin
67.62 m

H@QMax
33.57 m

BEP
73.61 %

BEP Flow
16.88 m³/h

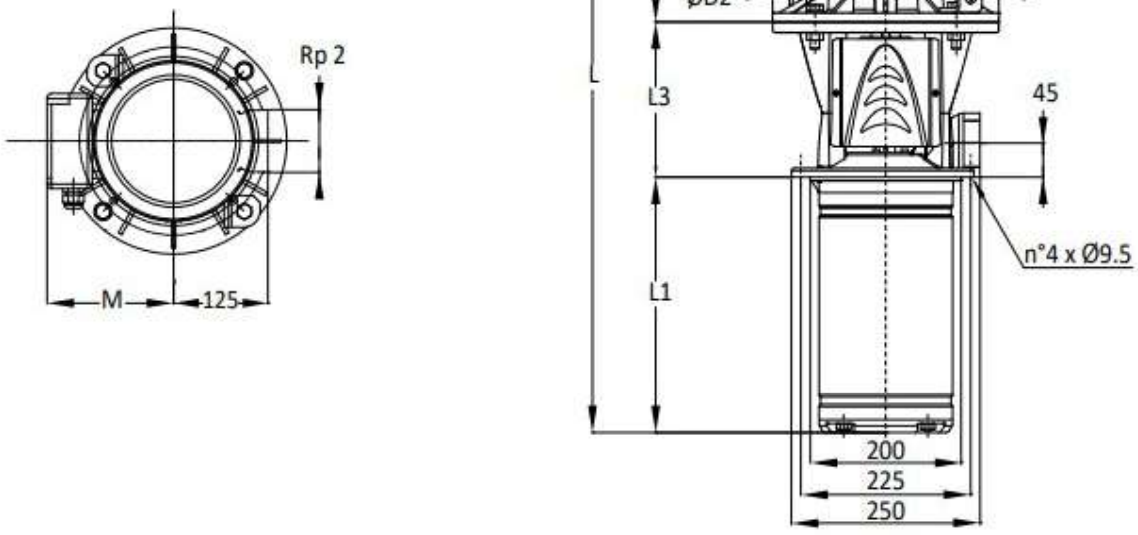
BEP Head
55.02 m

Max Operating Pressure
7.12 bar

Shut Off Head
72.67 m

Max P2
3.71 kW

15SVI05-07CG040T5VQQV | Dimensional Data & Drawing



Drawing is preliminary and is subject to change.

Dimensions

D1 197 mm	L2 319 mm	Total Weight 47.07 kg
D2 160 mm	L3 142 mm	
L 926.5 mm	M 154 mm	
L1 465.5 mm	Weight (Pump Only) 19.09 kg	