



Similar to figure

Data sheet

Hydraulic data

Minimum efficiency index (MEI)	0.4
Max. operating pressure p	10 bar
Maximum operating pressure PN	10 bar
Min. fluid temperature T_{\min}	-20 °C
Max. fluid temperature T_{\max}	120 °C
Max. ambient temperature T_{\max}	40 °C
Flow max Q_{\max}	8.8 m³/h
Opt. volume flow Q_{opt}	5.4 m³/h
Head max H_{\max}	10.3 m
Opt. delivery head H_{opt}	7.8 m
Height $H_{Q\min}$	10.3 m

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Motor efficiency class	IE2
Rated power P_2	0.25 kW
Rated current I_N	0.6 A
Rated speed n	2860 1/min
Power factor $\cos \varphi$	0.81
Motor efficiency η_M 50%	71 %
Motor efficiency η_M 75%	75 %
Motor efficiency η_M 100%	69.9 %
Motor winding up to 3 kW	-
Motor winding from 4 kW	-
Insulation class	F
Protection class motor	IP55
Integrated full motor protection	-

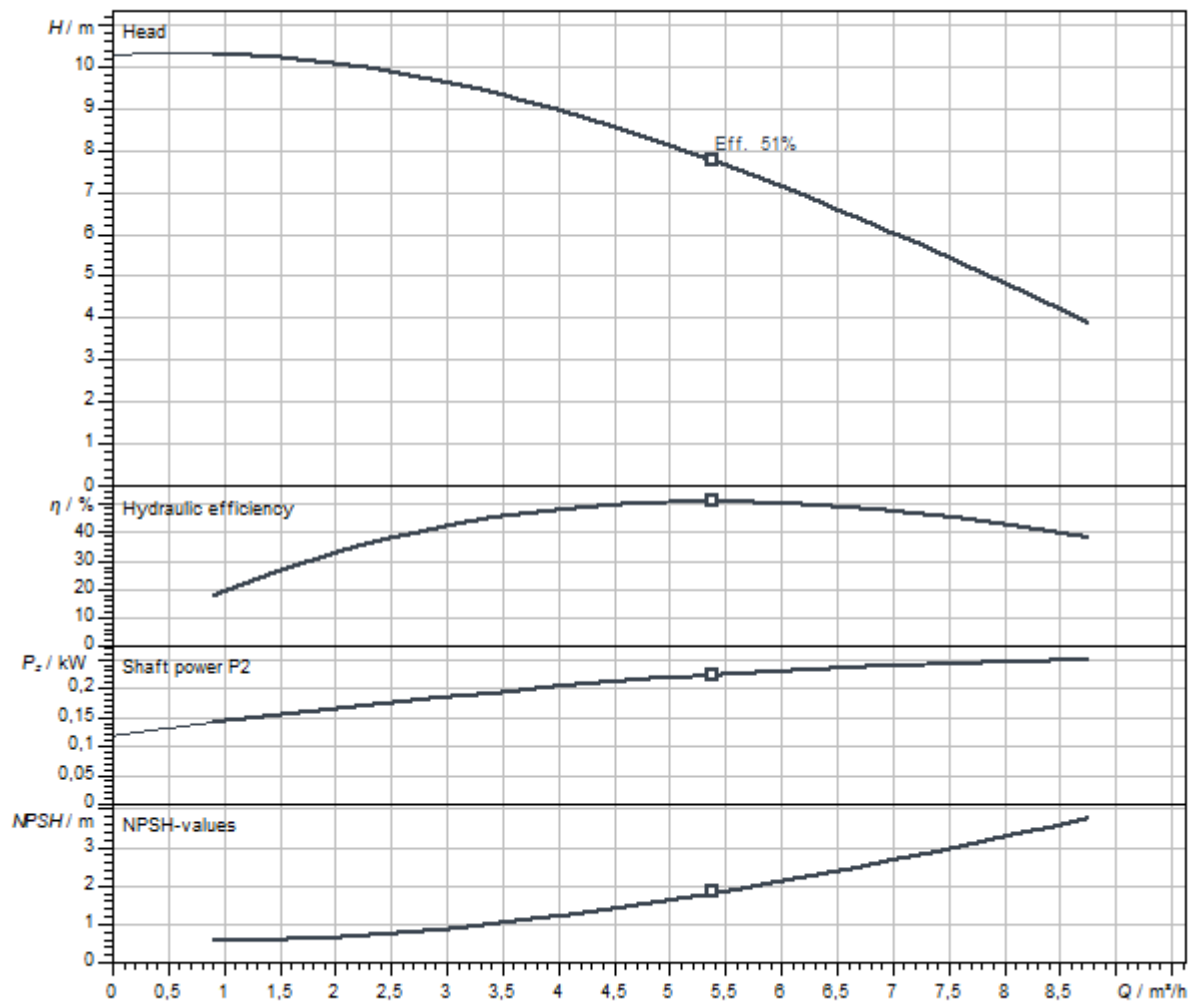
Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Mechanical seal	AQ1EGG
Lantern	Grey cast iron

Installation dimensions

Pipe connection on the suction side <i>DNs</i>	G 1½
Pipe connection on the discharge side <i>DNd</i>	G 1½
Port-to-port length <i>L0</i>	180 mm

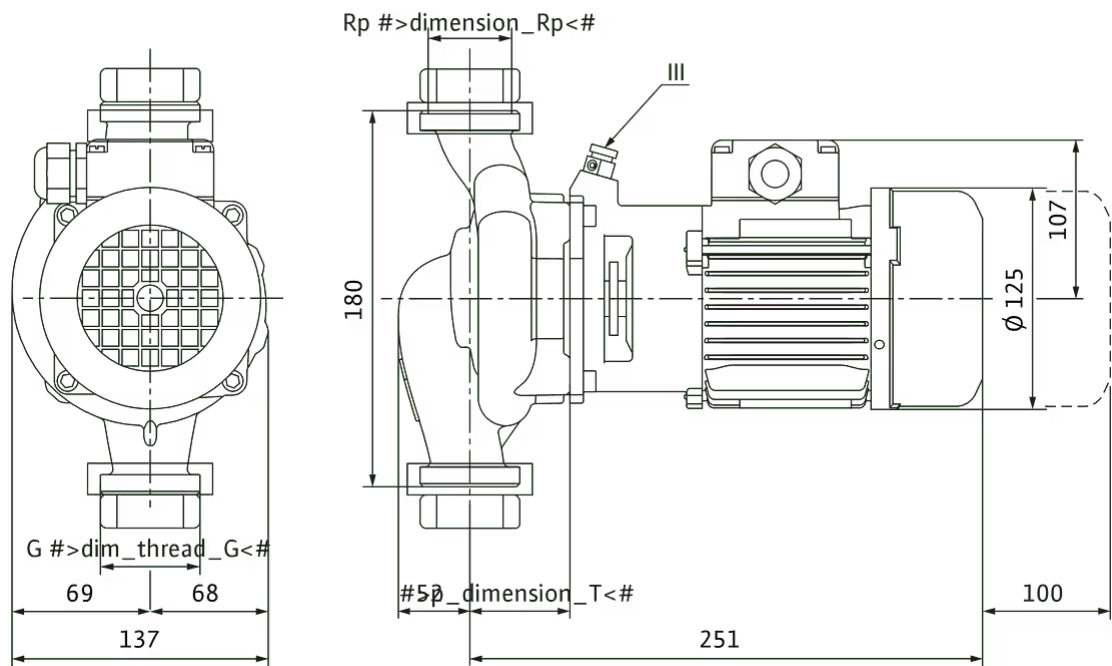
Pump curves



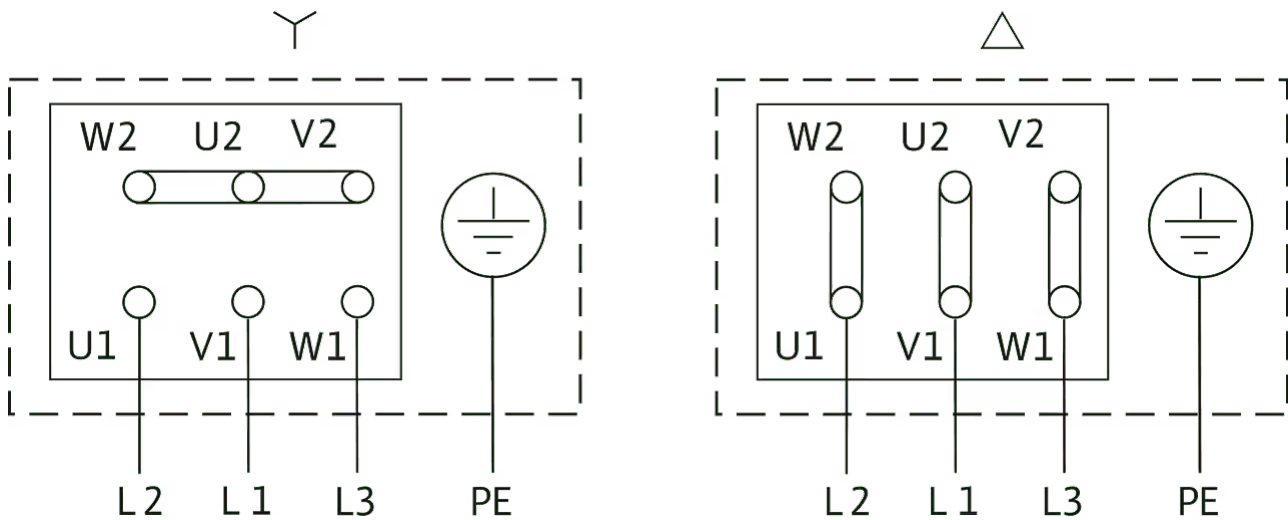
Fluid media	Water 100 %
Fluid temperature <i>T</i>	20,00 °C
speed at duty point <i>n hydr. @ OP</i>	2.900 1/min
Impeller diameter <i>d imp.</i>	89 mm

Dimensions and dimensions drawings

VeroLine-IPL 25/90-0,25/2



Wiring diagram



Δ: Connection diagram delta connection

Y: Connection diagram star connection

Motor protection switch required on-site. Check the direction of rotation! To change the direction of rotation, exchange any two phases.

$P_2 \leq 3$ kW 3~400 V Y

3~230 V Δ

$P_2 \geq 4$ kW 3~690 V Y

3~400 V Δ

After removing the bridges, Y-Δ start is possible.

Ordering information

Product data

Brand	Wilo
Product description	VeroLine-IPL 25/90-0,25/2
Article number	2089572
EAN number	4016322990017
Colour	Green
Minimum order quantity	1
Date of sales availability	2010-09-01

Packaging

Number per layer	1
Packaging property	Transport packaging
Packaging type	Cardboard box
Pieces per pallet	1

Dimension, weight

Length with packaging	365 mm
Length <i>L</i>	303 mm
Height with packaging	230 mm
Height <i>H</i>	180 mm
Width with packaging	180 mm
Width <i>W</i>	137 mm
Gross weight, approx. <i>m</i>	10 kg
Net weight, approx. <i>m</i>	9 kg

Tender text

Single-stage glanded centrifugal pump with compact in-line design with directly flanged three-phase current motor and one-piece shaft or with lantern and standard motor rigidly connected by coupling (N version). The IPL series is suitable for pipe installation or installation on a base. Mounting brackets are available as accessories. With force-flushed circulation, bidirectional bellows

mechanical seal and cavitation-reducing plastic impeller.

Flanges with pressure measuring connections R 1/8. The pump housing and lantern are cathophoretic-coated.

The motor terminal box can be made of metal or plastic. If a metal terminal box is absolutely necessary, please order the appropriate special variant.

Operating Data

Fluid temperature T	-20 °C
Ambient temperature T	-15 °C
Maximum operating pressure P_N	10 bar
Minimum efficiency index (MEI)	0.4

Motor data

Motor efficiency class	IE2
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	250 W
Rated speed n	2860 1/min
Rated current I_N	0.6 A
Power factor $\cos \varphi$	0.81
Motor efficiency η_M 50%	71 %
Motor efficiency η_M 75%	75 %
Motor efficiency η_M 100%	69.9 %
Insulation class	F
Protection class	IP55

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Shaft seal	AQ1EGG
Lantern	Grey cast iron

Installation dimensions

Pipe connection on the suction side D_Ns	G 1½
Pipe connection on the discharge side D_Nd	G 1½
Port-to-port length L_0	180 mm

Ordering information

Brand	Wilo
Product description	VeroLine-IPL 25/90-0,25/2
Net weight, approx. m	9 kg
Article number	2089572 

Services

With Wilo as your partner, you can not only be sure of choosing high-quality product solutions, but also of benefiting from a comprehensive, worry-free package of well thought-out services. We collaborate to develop a service concept tailored to your individual needs; with our expertise and personal consultancy, we make sure that the operation of your systems is as energy-efficient, reliable and economical as possible. All the while our competent Wilo service technicians are ready to assist you with fast, reliable and on-time support.

Recommended services

Wilo-Live Assistant Service	2216415
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Supervision Glanded pumps	2219321
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Commissioning Glanded pumps	2219391
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More suitable services

Extended warranty glanded pumps	2219590
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Installation Glanded pumps	2219356
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Maintenance BASIC Glanded pumps	2219531
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Maintenance COMFORT Glanded pumps	2219493
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Maintenance PREMIUM Glanded pumps	2219546
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System Optimisation Glanded pumps	2219251
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Energy Solutions Glanded pumps	2219240
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Repair Glanded pumps	2219610
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