

Pioneering for You

wilo

Product Brochure

Wilo – Fire Fighting Pumps

Fire pump set complete with accessories





“Perfectly
coordinating
performance
and efficiency,

that’s what I call
Pioneering for You.”

Dr. Franka Schneider, Research Engineer Fluid Mechanics
WILO SE

Improving efficiency is a key focus of our development work. Our target is to increase pump performance while simultaneously decreasing the energy input. Thus a pump system, e.g. for a replacement, can be dimensioned significantly smaller and be still more efficient.

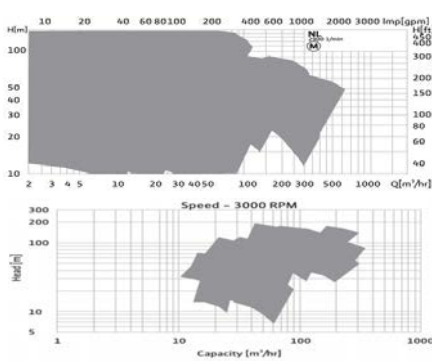
www.wilo.com

Pump Design



Standard Glanded Pump

Wilo – Crononorm – NL (EN 733)
MISO – PISO (ISO 2858)



Q max.: 650 – 750 m³/h

H max.: 150 – 170 m

Speed: 2950 rpm

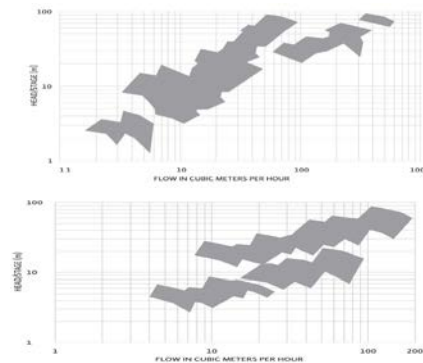
Casing : Cast iron, Ni-CI, cast steel
stainless steel, duplex
stainless steel
Impeller : Cast iron, bronze, stainless
steel, duplex stainless steel
Shaft : Stainless steel, duplex
stainless steel

- Reduced life-cycle costs through optimised efficiency levels
- Bidirectional, force-flushed mechanical seal
- Low NPSH values, best cavitation properties
- Shaft coupling with or without pacer coupling



Sectional Pump

Wilo – RN, HS PLURO, IPB



Q max.: 1500 m³/h

H max.: 900 m

Speed: 1450 – 2950 rpm

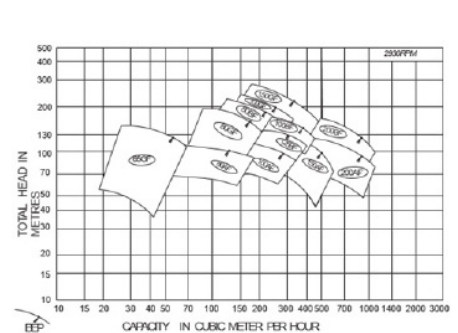
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stainless steel, duplex
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Impeller : Cast iron, bronze, stainless
steel, duplex stainless steel
Shaft : Stainless steel, duplex
stainless steel

- High pressure pump design
- Modular design ensures pump version in a variety of materials and versions which can be adapted to meet customer demands precisely
- Hydraulic pressure compensation relieves load on bearings and ensures a longer service life
- Multiple optional pressure connections allow different pressures to be supplied from a single pump
- Can be applied as Jockey pump



Standard Glanded Pump

Wilo – ASP



Q max.: 900 m³/h

H max.: 260 m

Speed: 2950 rpm

Casing : Cast iron
Impeller : Bronze
Shaft : Stainless steel (SS 410)

- Robust design
- Customized solutions to meet exact requirement
- Shaft sleeve to ensure longer shaft life
- Optimum NPSHr
- Low noise and vibration
- Reduced energy consumption
- Less environmental impact

Pump Design



Vertical Turbine Pump

Wilo - VMF, CNE, VAF



Standard Glanded Pump

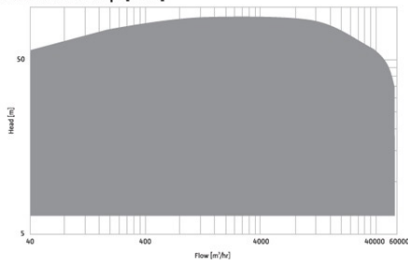
Wilo - SCP - HSC - GME



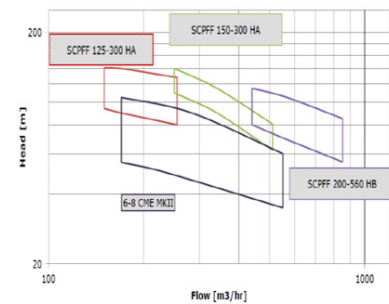
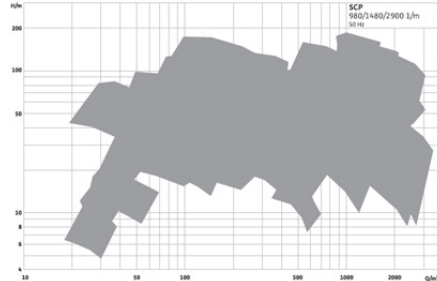
Standard Glanded Pump

Wilo - SCPFF (UL Listed)

Vertical Turbine Pumps [50 Hz]



SCP Pump - 2, 4, 6 Pole Pumps [50 Hz]



Q max.: 40.000 m³/h

Q max.: 3400 m³/h

Q max.: 650 - 750 m³/h

H max.: 450 m

H max.: 245 m

H max.: 150 - 170 m

Speed: 980 - 2900 rpm

Speed: 980 - 2900 rpm

Speed: 2950 rpm

Casing : Cast iron, stainless steel, cast steel, duplex stainless steel

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Casing : Cast iron, Ni-CI, cast steel stainless steel, duplex stainless steel

Impeller : Cast iron, bronze, stainless steel, Ni-CI, cast steel, duplex stainless steel

Impeller : Cast iron, bronze, stainless steel, Ni-CI, duplex stainless steel

Impeller : Cast iron, bronze, stainless steel, duplex stainless steel

Shaft : Stainless steel, duplex stainless steel

Shaft : Stainless steel, duplex stainless steel

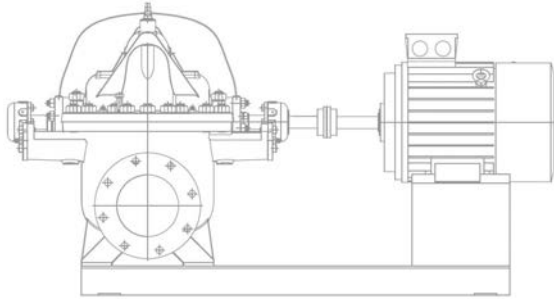
Shaft : Stainless steel, duplex stainless steel

- Minimum surface area needed
- High hydraulic efficiency
- Submerged pump hydraulic
- Design to order as per customer specification

- Higher capacities up to 17.000 m³/h on request
- Robust design
- Customized solution to meet exact requirement
- Shaft sleeve to ensure longer shaft life
- Low NPSHr
- Low noise and vibration
- Reduced energy consumption
- Less environmental impact (almost 100% recyclable)
- Comply to RoHS directive for European countries

- All pumps are designed and tested to comply to stringent standard as per UL 448
- Performance curve are plotted showing total head developed at shutoff, at rated flow, and at 150% of rated flow
- Each pump is tested hydraulically for not less than 5 minutes at 1,5 times of maximum working pressure properties
- Pumps are supplied with motor confirming NEMA norms
- Diesel engine with heat exchanger cooled, UL approved engine

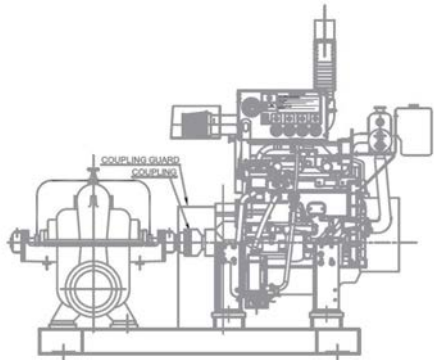
Contractor Variant



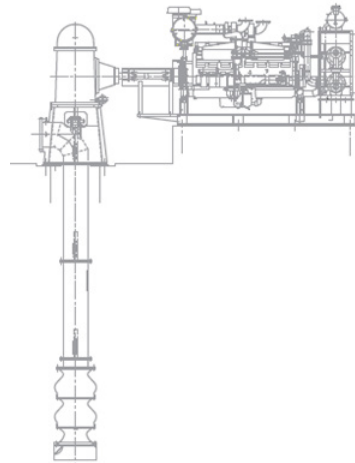
Standard Glanded Pump – Pump with electric motor



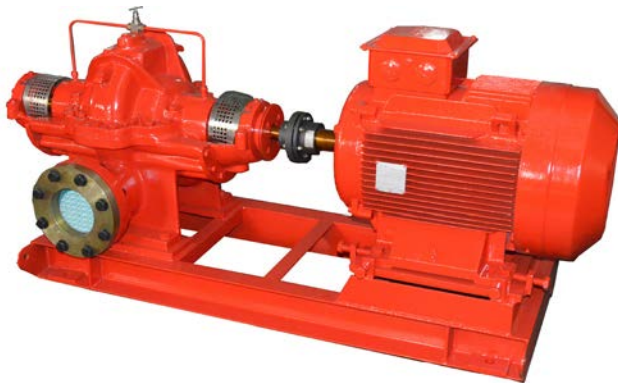
Vertical Turbine Pump – Pump with electric motor



Pump with diesel engine driver



Pump with diesel engine driver



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*Technical matter subject to change