

# FLUX Centrifugal Immersion Pump F 726 PP and F 726 PVDF

In polypropylene or polyvinylidene fluoride size 115 and 135

## Typical applications

Transferring and circulating of neutral or corrosive liquids in the whole field of the chemical industry and chemical engineering, electroplating industry, steel or stainless steel pickling plants, flue gas decontamination, exhaust air purification, water and waste-water treatment.

## Construction features

Vertical centrifugal immersion pump for stationary application. The robust pump shaft is mounted in an upper pedestal and supported by two antifriction bearings. This construction, with the bearings spaced along the pedestal, ensures that any radial or axial forces are absorbed, even under heavy load. The result is a very smooth running pump. The solid version with support bars prevents the rotating elements from making contact with the pump housing and guarantees a very long service life, even in continuous use applications. As neither bearing nor seals are in contact with the liquid, the pump is very wear-resistant and suitable for dry running operation. The immersion length of the pump can be extended, up to 1 000 mm maximum, by the suction tube option. A suction strainer welded onto the cover of the pump housing or onto the extension tube protects the pump against the ingress of coarse impurities.

A range of carefully chosen impeller diameters, together with a range of three-phase motors in differing kW-ratings, ensures the optimum selection of pumps to meet the specific operating requirements.

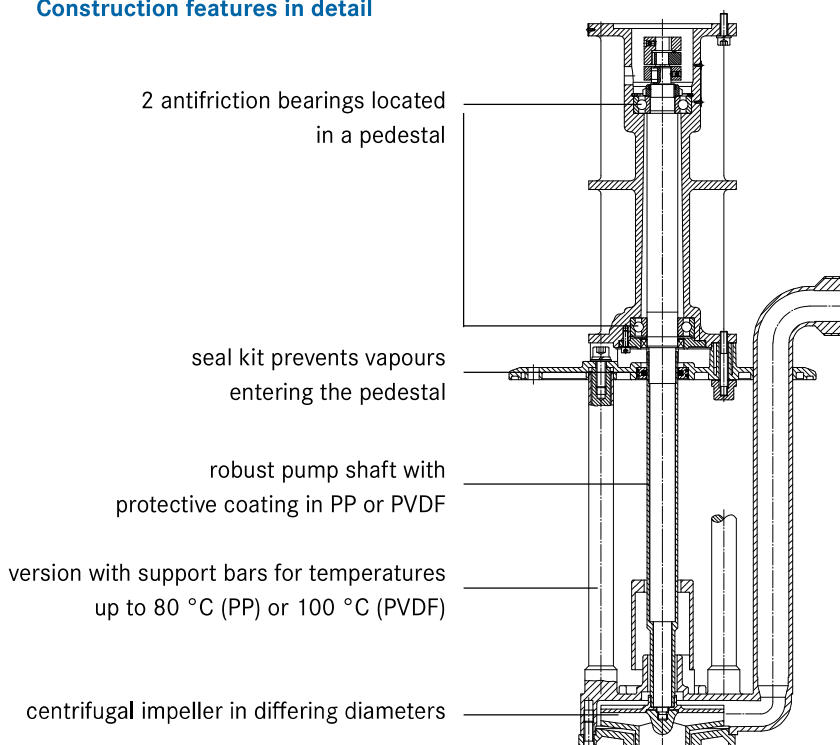


F 726 PP2-115



F 726 PVDF2-135

## Construction features in detail



**Centrifugal Immersion Pump F 726 PP in polypropylene and F 726 PVDF in polyvinylidene fluoride,**  
version with support bars, without drive motor

Type/Size	F 726 PP2-115	F 726 PP2-135	F 726 PVDF2-115	F 726 PVDF2-135
Delivery rate Q max.	8 m <sup>3</sup> /h	12 m <sup>3</sup> /h	8 m <sup>3</sup> /h	12 m <sup>3</sup> /h
Delivery head H max.	8 mwc	15 mwc	8 mwc	15 mwc
Viscosity max.	150 mPas	150 mPas	150 mPas	150 mPas
Temperature max.	80 °C	80 °C	100 °C	100 °C
Seal material	no bearings nor seals in contact with the liquid			
Material	shaft in stainless steel 316 Ti with protective coating in PP resp. PVDF			
Centrifugal impeller in PP or PVDF	Ø 50 – 80 mm	Ø 80 – 100 mm	Ø 50 – 80 mm	Ø 80 – 100 mm
Pump housing	Ø 150 mm	Ø 174 mm	Ø 150 mm	Ø 174 mm
Mounting flange in PP or PVDF	outside Ø 250 mm	outside Ø 250 mm	outside Ø 245 mm	outside Ø 245 mm
Thread on outlet	G 1¼ A	G 1½ A	G 1¼ A	G 1½ A
Part No.				
Immersion length Dimension e 300 mm	10-726 42 003	10-726 42 103	10-726 62 003	10-726 62 103
Immersion length Dimension e 400 mm	10-726 42 004	10-726 42 104	10-726 62 004	10-726 62 104
Immersion length Dimension e 500 mm	10-726 42 005	10-726 42 105	10-726 62 005	10-726 62 105

**Accessories**

Extension tube in PP or PVDF in steps of 100 mm. Dimension p up to. max. 1 000 mm.

Suction strainer in PP or PVDF welded onto the cover of the pump housing or onto the extension tube.

**Scope of supply**

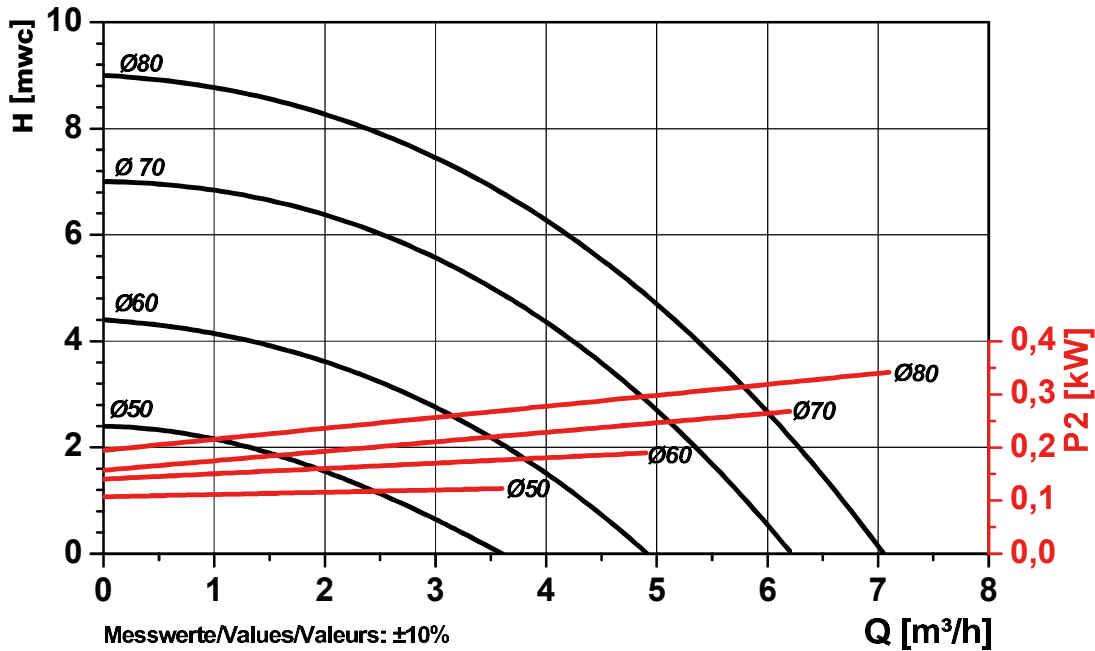
A complete vertical centrifugal immersion pump consists of: drive motor, pump with mounting flange and the necessary accessories. Weight per pump 17 – 30 kg depending on the pump size, immersion length and motor kW.

# FLUX Centrifugal Immersion Pump F 726 PP and F 726 PVDF

In polypropylene or polyvinylidene fluoride size 115 and 135

## Technical data

Performance chart F 726 PP2-115 and F 726 PVDF2-115

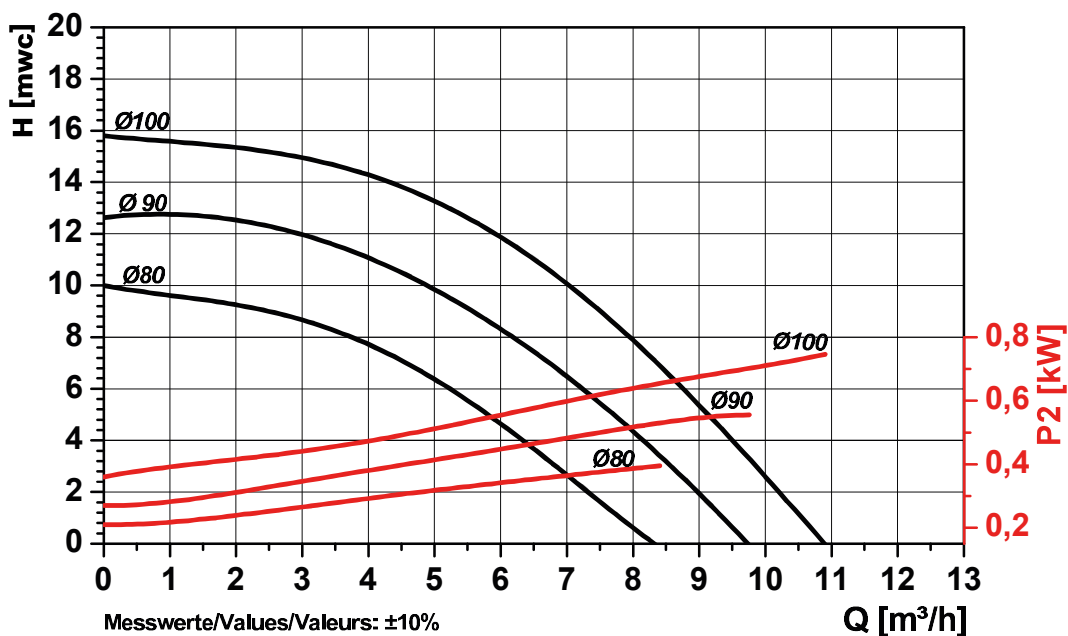


Measured values  $\pm 10\%$  determined with water (20 °C). Nominal speed  $n = 2\,850$  rpm

In order to achieve the desired output, centrifugal impellers in differing diameters are available.

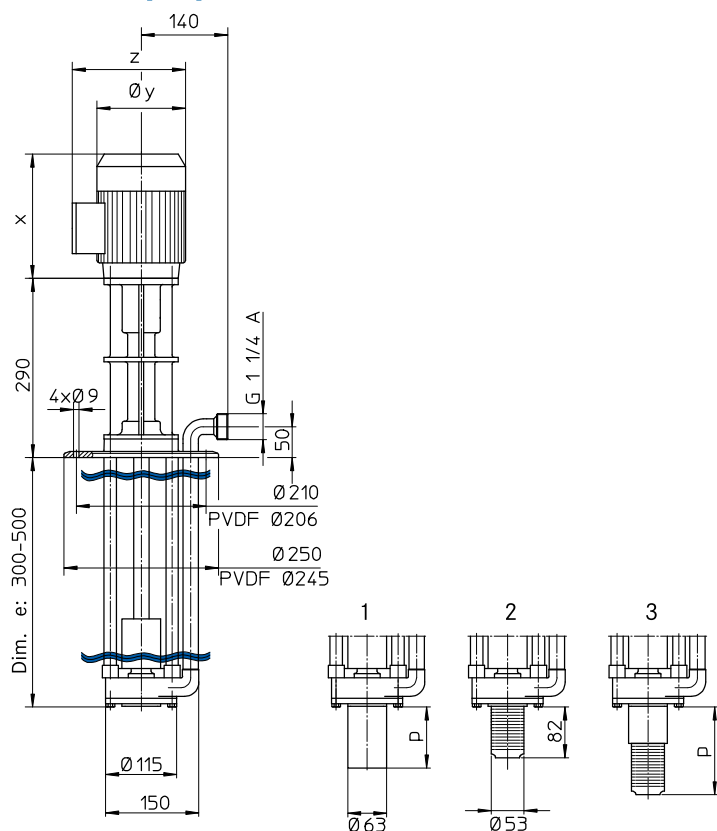
In determining the absorbed kW of the motor, multiply the absorbed kW shown in the above diagram with the specific gravity of the liquid to be pumped.

Performance chart F 726 PP2-135 and F 726 PVDF2-135



### Technical data

#### Dimensions [mm] F 726 PP2-115 and F 726 PVDF2-115



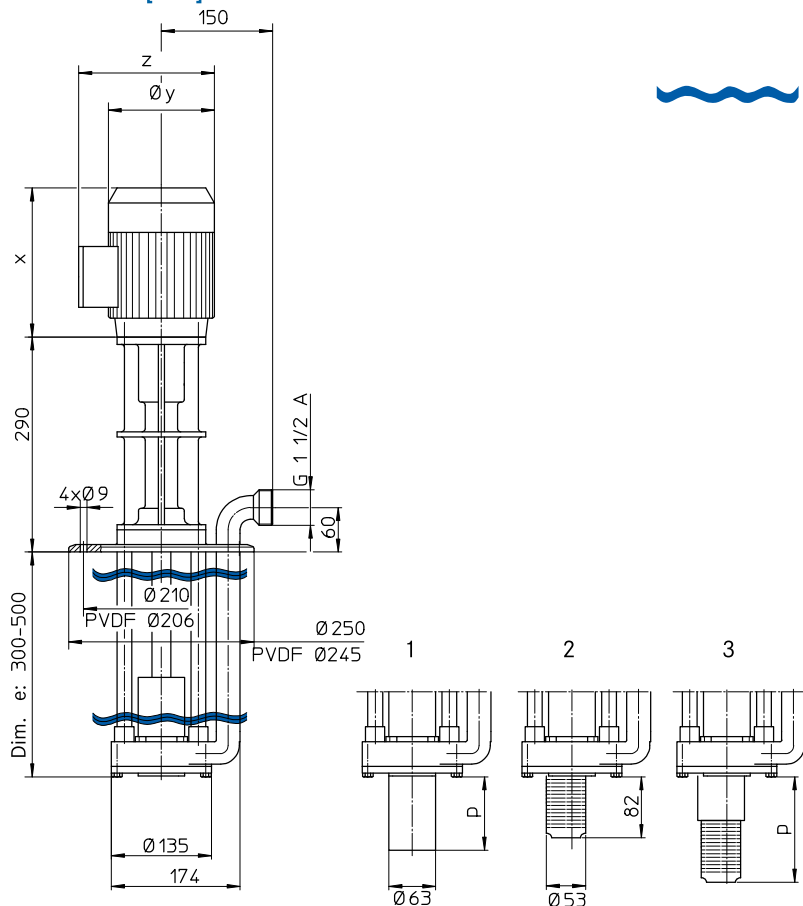
Basic model  
dimension e max. 500 mm

Variant 1  
with extension tube  
dimension p max. 1 000 mm

Variant 2  
with suction strainer

Variant 3  
with extension tube  
and suction strainer

#### Dimensions [mm] F 726 PP2-135 and F 726 PVDF2-135



Minimum or maximum liquid level when starting the pump.  
Also valid for the variants 1, 2 and 3.

Basic model  
dimension e max. 500 mm

Variant 1  
with extension tube  
dimension p max. 1 000 mm

Variant 2  
with suction strainer

Variant 3  
with extension tube  
and suction strainer

# FLUX Centrifugal Immersion Pump F 726 PP and F 726 PVDF

In polypropylene or polyvinylidene fluoride size 185 and 230

## Typical applications

Transferring and circulating of neutral or corrosive liquids in the whole field of the chemical industry and chemical engineering, electroplating industry, steel or stainless steel pickling plants, flue gas decontamination, exhaust air purification, water and waste-water treatment.

## Construction features

Vertical centrifugal immersion pump for stationary application. The robust pump shaft is mounted in an upper pedestal and supported by two antifriction bearings. This construction, with the bearings spaced along the pedestal, ensures that any radial or axial forces are absorbed, even under heavy load. The result is a very smooth running pump. The solid version with support bars prevents the rotating elements from making contact with the pump housing and guarantees a very long service life, even in continuous use applications. As neither bearing nor seals are in contact with the liquid, the pump is very wear-resistant and suitable for dry running operation. The immersion length of the pump can be extended, up to 1 500 mm maximum, by the suction tube option. A suction strainer welded onto the cover of the pump housing or onto the extension tube protects the pump against the ingress of coarse impurities.

A range of carefully chosen impeller diameters, together with a range of three-phase motors in differing kW-ratings, ensures the optimum selection of pumps to meet the specific operating requirements.

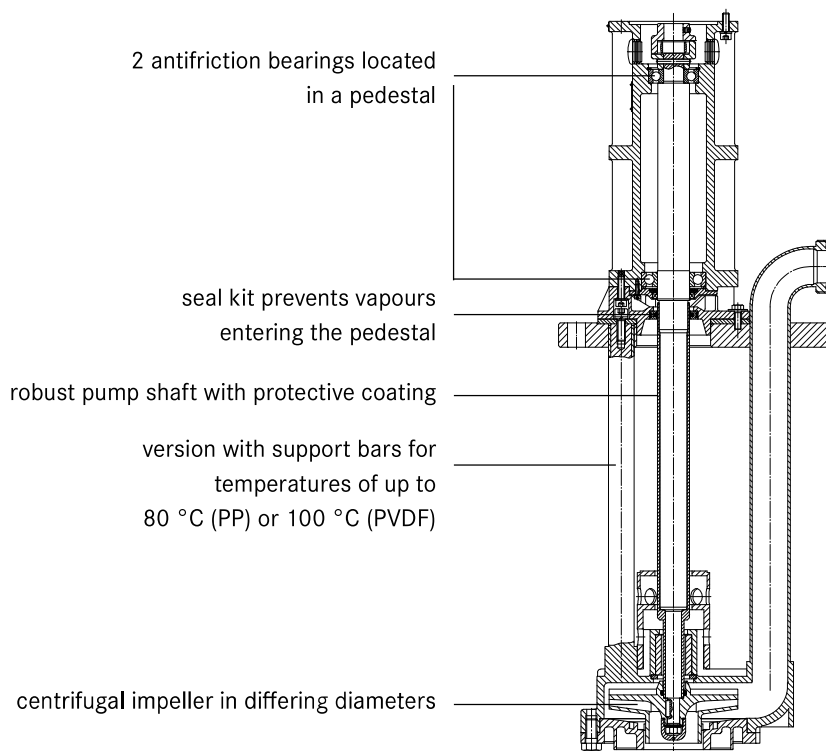


F 726 PP2-185



F 726 PVDF2-230

## Construction features in detail



### Centrifugal Immersion Pump F 726 PP in polypropylene and F 726 PVDF in polyvinylidene fluoride,

version with support bars, without drive motor

Type/Size	F 726 PP2-185	F 726 PP2-230	F 726 PVDF2-185	F 726 PVDF2-230
Delivery rate Q max.	38 m <sup>3</sup> /h	45 m <sup>3</sup> /h	38 m <sup>3</sup> /h	45 m <sup>3</sup> /h
Delivery head H max.	23 mwc	35 mwc	23 mwc	35 mwc
Viscosity max.	150 mPas	150 mPas	150 mPas	150 mPas
Temperature max.	80 °C	80 °C	100 °C	100 °C
Seal material	no bearings nor seals in contact with the liquid			
Material	shaft in stainless steel 316 Ti with protective coating in PP resp. PVDF			
Centrifugal impeller in PP or PVDF	Ø 100 - 140 mm	Ø 130 - 160 mm	Ø 100 - 140 mm	Ø 130 - 160 mm
Pump housing	Ø 249 mm	Ø 264 mm	Ø 249 mm	Ø 264 mm
Mounting flange in PP or RCH 1 000	outside Ø 340 mm	outside Ø 340 mm	outside Ø 340 mm	outside Ø 340 mm
Thread on outlet	G 2¼ A	G 2¼ A	G 2¼ A	G 2¼ A
Part No.				
Immersion length Dimension e 300 mm	10-726 42 203	10-726 42 303	10-726 62 203	10-726 62 303
Immersion length Dimension e 400 mm	10-726 42 204	10-726 42 304	10-726 62 204	10-726 62 304
Immersion length Dimension e 500 mm	10-726 42 205	10-726 42 305	10-726 62 205	10-726 62 305

#### Accessories

Extension tube in PP or PVDF in steps of 100 mm, Dimension p up to max. 1500 mm.

Suction strainer in PP or PVDF welded onto the cover of the pump housing or onto the extension tube.

### Scope of supply

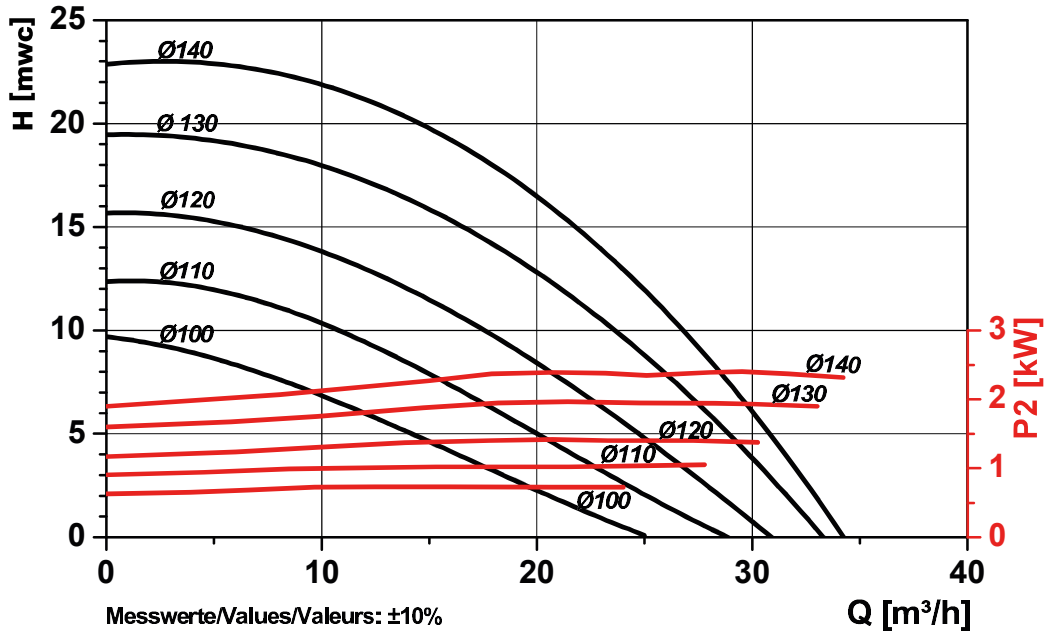
A complete vertical centrifugal immersion pump consists of: drive motor, pump with mounting flange and the necessary accessories. Weight per pump 25 - 75 kg depending on the pump size, immersion length and motor kW.

# FLUX Centrifugal Immersion Pump F 726 PP and F 726 PVDF

In polypropylene or polyvinylidene fluoride size 185 and 230

## Technical data

Performance chart F 726 PP2-185 and F 726 PVDF2-185

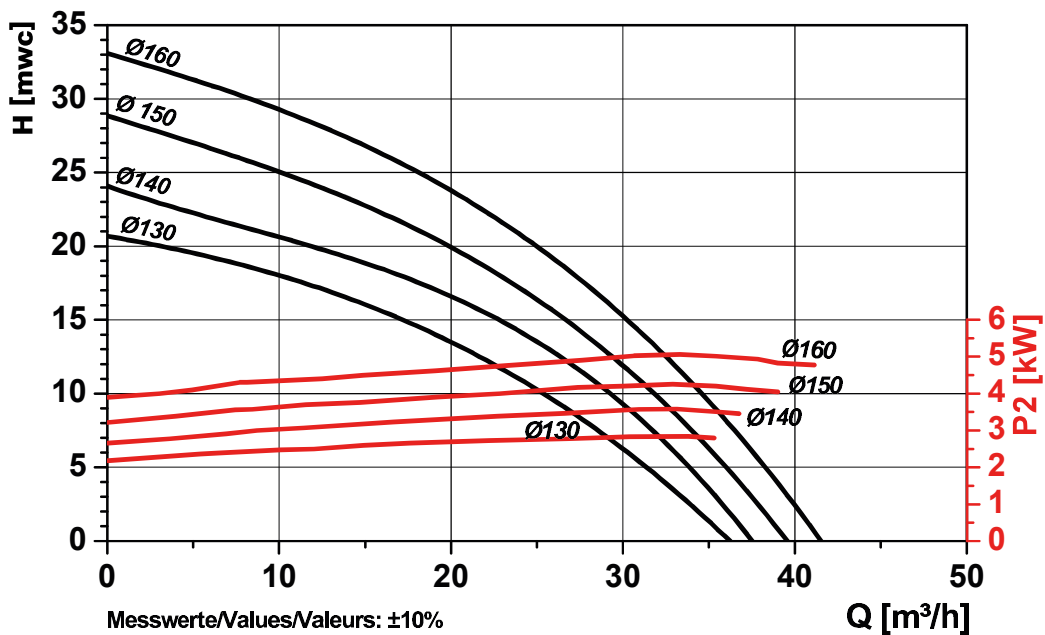


Measured values  $\pm 10\%$  determined with water (20 °C). Nominal speed  $n = 2\,850$  rpm

In order to achieve the desired output, centrifugal impellers in differing diameters are available.

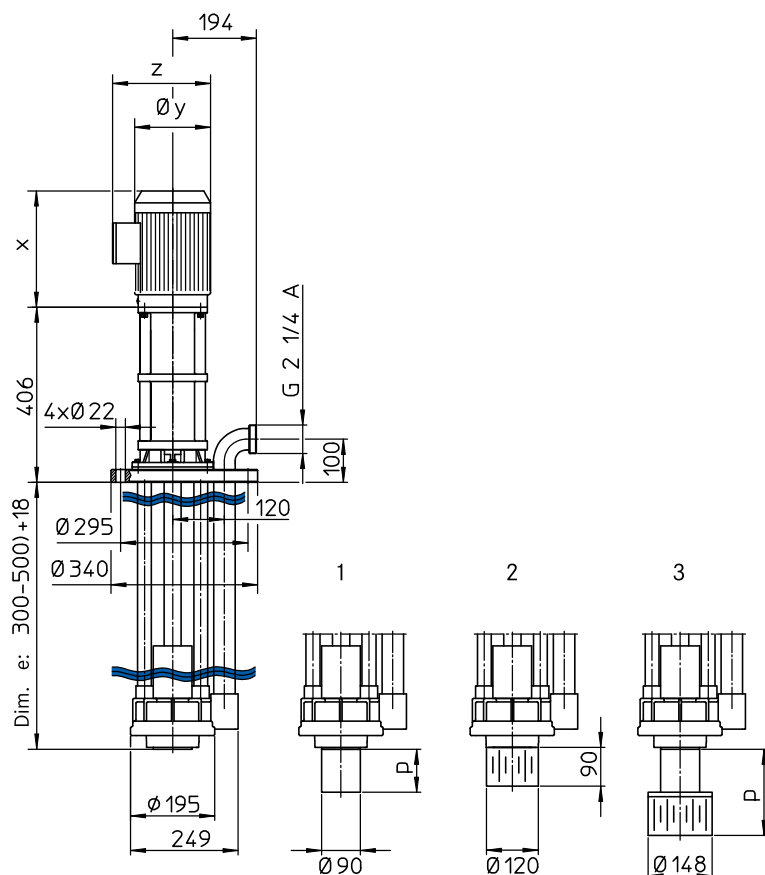
In determining the absorbed kW of the motor, multiply the absorbed kW shown in the above diagram with the specific gravity of the liquid to be pumped.

Performance chart F 726 PP2-230 and F 726 PVDF2-230



### Technical data

#### Dimensions [mm] F 726 PP2-185 and F 726 PVDF2-185



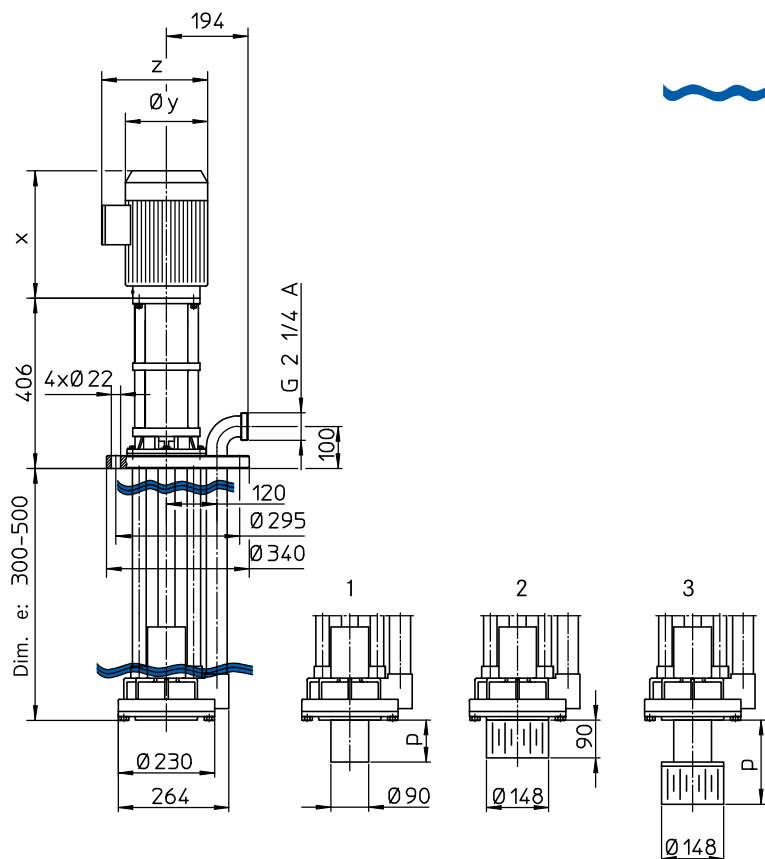
Basic model  
dimension e max. 500 mm

Variant 1  
with extension tube  
dimension p max. 1 500 mm

Variant 2  
with suction strainer

Variant 3  
with extension tube  
and suction strainer

#### Dimensions [mm] F 726 PP2-230 and F 726 PVDF2-230



Minimum or maximum liquid level  
when starting the pump.  
Also valid for the variants 1, 2 and 3.

Basic model  
dimension e max. 500 mm

Variant 1  
with extension tube  
dimension p max. 1 500 mm

Variant 2  
with suction strainer

Variant 3  
with extension tube  
and suction strainer