

Wilo-Multivert MVI	3
Multivert MVI 7001 (3~400V, EPDM, PN 16)	8
Multivert MVI 7001 (3~400V, EPDM, PN 25)	10
Multivert MVI 7001/1 (3~400V, EPDM, PN 16)	12
Multivert MVI 7001/1 (3~400V, EPDM, PN 25)	14
Multivert MVI 7002 (3~400V, EPDM, PN 16)	16
Multivert MVI 7002 (3~400V, EPDM, PN 25)	18
Multivert MVI 7002/1 (3~400V, EPDM, PN 16)	20
Multivert MVI 7002/1 (3~400V, EPDM, PN 25)	22
Multivert MVI 7002/2 (3~400V, EPDM, PN 16)	24
Multivert MVI 7002/2 (3~400V, EPDM, PN 25)	26
Multivert MVI 7003 (3~400V, EPDM, PN 16)	28
Multivert MVI 7003 (3~400V, EPDM, PN 25)	30
Multivert MVI 7003/1 (3~400V, EPDM, PN 16)	32
Multivert MVI 7003/1 (3~400V, EPDM, PN 25)	34
Multivert MVI 7003/2 (3~400V, EPDM, PN 16)	36
Multivert MVI 7003/2 (3~400V, EPDM, PN 25)	38
Multivert MVI 7004 (3~400V, EPDM, PN 16)	40
Multivert MVI 7004 (3~400V, EPDM, PN 25)	42
Multivert MVI 7004/1 (3~400V, EPDM, PN 16)	44
Multivert MVI 7004/1 (3~400V, EPDM, PN 25)	46
Multivert MVI 7004/2 (3~400V, EPDM, PN 16)	48
Multivert MVI 7004/2 (3~400V, EPDM, PN 25)	50
Multivert MVI 7005 (3~400V, EPDM, PN 16)	52
Multivert MVI 7005 (3~400V, EPDM, PN 25)	54
Multivert MVI 7005/1 (3~400V, EPDM, PN 16)	56
Multivert MVI 7005/1 (3~400V, EPDM, PN 25)	58
Multivert MVI 7005/2 (3~400V, EPDM, PN 16)	60
Multivert MVI 7005/2 (3~400V, EPDM, PN 25)	62
Multivert MVI 7006 (3~400V, EPDM, PN 25)	64
Multivert MVI 7006/1 (3~400V, EPDM, PN 25)	66
Multivert MVI 7006/2 (3~400V, EPDM, PN 25)	68
Multivert MVI 7007/1 (3~400V, EPDM, PN 25)	70
Multivert MVI 7007/2 (3~400V, EPDM, PN 25)	72
Multivert MVI 9501 (3~400V, EPDM, PN 16)	74

Multivert MVI 9501 (3~400V, EPDM, PN 25)	76
Multivert MVI 9501/1 (3~400V, EPDM, PN 16)	78
Multivert MVI 9501/1 (3~400V, EPDM, PN 25)	80
Multivert MVI 9502 (3~400V, EPDM, PN 16)	82
Multivert MVI 9502 (3~400V, EPDM, PN 25)	84
Multivert MVI 9502/1 (3~400V, EPDM, PN 16)	86
Multivert MVI 9502/1 (3~400V, EPDM, PN 25)	88
Multivert MVI 9502/2 (3~400V, EPDM, PN 16)	90
Multivert MVI 9502/2 (3~400V, EPDM, PN 25)	92
Multivert MVI 9503 (3~400V, EPDM, PN 16)	94
Multivert MVI 9503 (3~400V, EPDM, PN 25)	96
Multivert MVI 9503/1 (3~400V, EPDM, PN 16)	98
Multivert MVI 9503/1 (3~400V, EPDM, PN 25)	100
Multivert MVI 9503/2 (3~400V, EPDM, PN 16)	102
Multivert MVI 9503/2 (3~400V, EPDM, PN 25)	104
Multivert MVI 9504 (3~400V, EPDM, PN 16)	106
Multivert MVI 9504 (3~400V, EPDM, PN 25)	108
Multivert MVI 9504/1 (3~400V, EPDM, PN 16)	110
Multivert MVI 9504/1 (3~400V, EPDM, PN 25)	112
Multivert MVI 9504/2 (3~400V, EPDM, PN 16)	114
Multivert MVI 9504/2 (3~400V, EPDM, PN 25)	116
Multivert MVI 9505 (3~400V, EPDM, PN 25)	118
Multivert MVI 9505/1 (3~400V, EPDM, PN 25)	120
Multivert MVI 9505/2 (3~400V, EPDM, PN 25)	122



Your advantages

- > Corrosion-resistant impellers, diffusers and stage housings
- > Drinking water approval for all components that come in contact with the fluid (EPDM version)

Recommended services



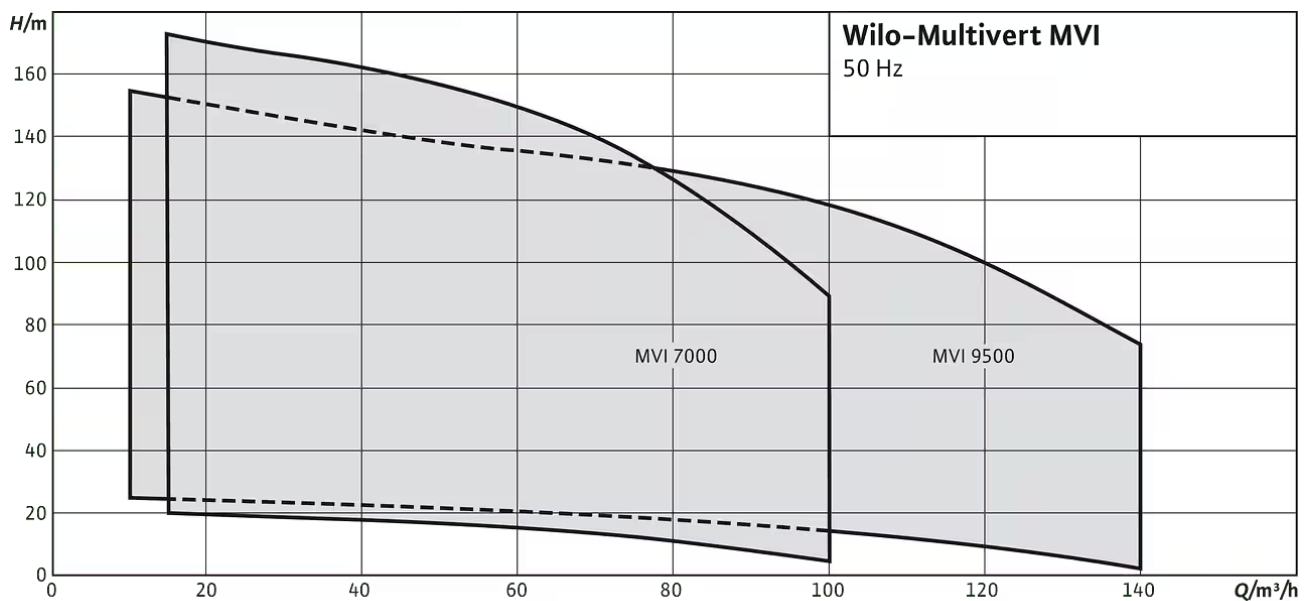
Maintenance



Commissioning



WiloCare



Design

Non-self-priming multistage pump

Application

- > Water distribution and pressure boosting
- > Fire-extinguishing systems
- > Boiler feed
- > Industrial circulation systems
- > Process engineering
- > Cooling water circulation systems
- > Washing and sprinkling systems

Equipment/function

- > MVI 70.. and 95..: PN16 and PN25 version with round flange
- > IE2-IEC standard motor

Typekey

Example: **MVI 7002/1 CN-1/16/E/3-400-50-2**

MVI	Vertical high-pressure multistage centrifugal pump
70	Flow rate in m ³ /h
02	Number of impellers
1	Number of trimmed impellers
3	3= pump housing EN-GJL-250 (cataphoretic coating), hydraulics 1.4301 (AISI 304)
16	Flange type □16 = flange PN16 (round or oval) □25 = flange PN25 (round or oval)
E	Gasket type □E = EPDM □V = FKM (Viton)
3	3~ (three-phase current)
400	Connection voltage in V
50	Frequency in Hz
2	Number of poles

Technical data

- > Electrical connection:
 - > 3~400 V (±10 %), 50 Hz
 - > ≤ 4 kW 230 V/ 400 V; Δ/Y
 - > > 4 kW 400 V/ 690 V; Δ/Y
- > Fluid temperature of -15 to +120 °C (with EPDM), (-15 to +90 °C with FKM)
- > Operating pressure max. 16/25 bar
- > Max. inlet pressure of 10 bar
- > Protection class IP 55
- > Flange connections:
 - > MVI 70../95.. PN 16/PN 25: Round flange (DN 100)

Materials

MVI 70../95..:

- > Impellers of stainless steel 1.4408
- > Stage chambers made of 1.4301 stainless steel
- > Pump housing EN-GJL-250
- > Shaft 1.4057 stainless steel
- > Gasket EPDM (EP 851)
- > Housing cover made of 1.4301 stainless steel
- > Housing bottom made of 1.4301 stainless steel
- > Mechanical seal of B-carbon/tungsten carbide, SiC/carbon
- > Pressure shroud made of 1.4301 stainless steel
- > Bearing of tungsten carbide

Scope of delivery

- > MVI high-pressure multistage centrifugal pump
- > MVI 70../95..: Bolts and gaskets if a counter flange is used (PN16 and PN25 with round flanges)
- > Installation and operating instructions

Product list

Product description	Motor efficiency class	Pump housing	Impeller	Discharge port	Rated power P_2	Gross weight, approx. m	Article number
Multivert MVI 7001 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	5.5 kW	112 kg	4071163
Multivert MVI 7001 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	5.5 kW	112 kg	4071180
Multivert MVI 7001/1 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	4 kW	107 kg	4071162
Multivert MVI 7001/1 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	4 kW	107 kg	4071179
Multivert MVI 7002 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	11 kW	151 kg	4071168
Multivert MVI 7002 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	11 kW	151 kg	4071185
Multivert MVI 7002/1 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	9 kW	149 kg	4071166
Multivert MVI 7002/1 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	9 kW	149 kg	4071183
Multivert MVI 7002/2 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	7.5 kW	134 kg	4071165
Multivert MVI 7002/2 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	7.5 kW	134 kg	4071182
Multivert MVI 7003 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	18.5 kW	246 kg	4071172
Multivert MVI 7003 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	18.5 kW	246 kg	4071189
Multivert MVI 7003/1 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	15 kW	218 kg	4071171
Multivert MVI 7003/1 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	15 kW	218 kg	4071188
Multivert MVI 7003/2 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	15 kW	218 kg	4071170
Multivert MVI 7003/2 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	15 kW	218 kg	4071187
Multivert MVI 7004 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	22 kW	252 kg	4071175
Multivert MVI 7004 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	22 kW	252 kg	4071192
Multivert MVI 7004/1 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	22 kW	252 kg	4071174
Multivert MVI 7004/1 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	22 kW	252 kg	4071191
Multivert MVI 7004/2 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	18.5 kW	251 kg	4071173
Multivert MVI 7004/2 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	18.5 kW	251 kg	4071190
Multivert MVI 7005 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	346 kg	4071178
Multivert MVI 7005 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	346 kg	4071195
Multivert MVI 7005/1 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	346 kg	4071177
Multivert MVI 7005/1 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	346 kg	4071194
Multivert MVI 7005/2 (3~400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	346 kg	4071176

Product description	Motor efficiency class	Pump housing	Impeller	Discharge port	Rated power P_2	Gross weight, approx. m	Article number
Multivert MVI 7005/2 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	346 kg	4071193
Multivert MVI 7006 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	37 kW	350 kg	4071198
Multivert MVI 7006/1 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	37 kW	350 kg	4071197
Multivert MVI 7006/2 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	350 kg	4071196
Multivert MVI 7007/1 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	37 kW	355 kg	4071200
Multivert MVI 7007/2 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	37 kW	355 kg	4071199
Multivert MVI 9501 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	9 kW	145 kg	4082534
Multivert MVI 9501 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	9 kW	145 kg	4082561
Multivert MVI 9501/1 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	7.5 kW	130 kg	4082533
Multivert MVI 9501/1 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	7.5 kW	130 kg	4082560
Multivert MVI 9502 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	18.5 kW	245 kg	4082538
Multivert MVI 9502 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	18.5 kW	245 kg	4082565
Multivert MVI 9502/1 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	15 kW	217 kg	4082537
Multivert MVI 9502/1 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	15 kW	217 kg	4082564
Multivert MVI 9502/2 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	15 kW	217 kg	4082536
Multivert MVI 9502/2 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	15 kW	217 kg	4082563
Multivert MVI 9503 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	331 kg	4082541
Multivert MVI 9503 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	331 kg	4082568
Multivert MVI 9503/1 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	22 kW	331 kg	4082540
Multivert MVI 9503/1 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	22 kW	331 kg	4082567
Multivert MVI 9503/2 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	22 kW	250 kg	4082539
Multivert MVI 9503/2 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	22 kW	250 kg	4082566
Multivert MVI 9504 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	37 kW	347 kg	4082544
Multivert MVI 9504 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	37 kW	347 kg	4082571
Multivert MVI 9504/1 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	347 kg	4082543
Multivert MVI 9504/1 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	347 kg	4082570
Multivert MVI 9504/2 (3-400V, EPDM, PN 16)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	347 kg	4082542
Multivert MVI 9504/2 (3-400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	30 kW	347 kg	4082569

Product description	Motor efficiency class	Pump housing	Impeller	Discharge port	Rated power P_2	Gross weight, approx. m	Article number
Multivert MVI 9505 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	45 kW	430 kg	4082574
Multivert MVI 9505/1 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	45 kW	430 kg	4082573
Multivert MVI 9505/2 (3~400V, EPDM, PN 25)	IE3	Grey cast iron	Stainless steel	DN 100	37 kW	362 kg	4082572



Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7001 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	5.5 kW
Motor efficiency class	IE3
Rated current I_N	10.5 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.86
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	87.1 %
Motor efficiency η_M 75%	89 %
Motor efficiency η_M 100%	89.2 %
Insulation class	F
Protection class motor	IP55

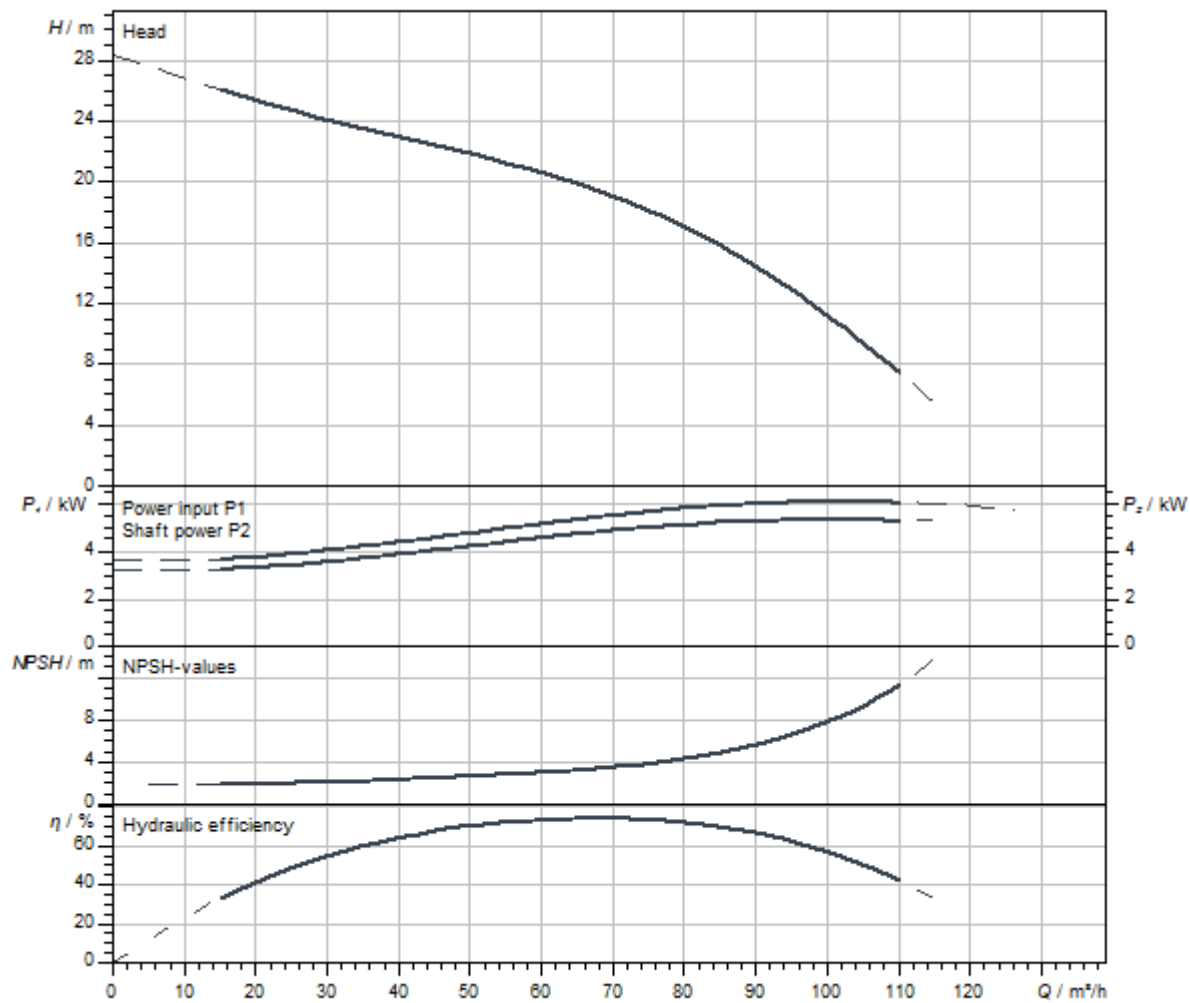
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7001 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	5.5 kW
Motor efficiency class	IE3
Rated current I_N	10.5 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.86
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	87.1 %
Motor efficiency η_M 75%	89 %
Motor efficiency η_M 100%	89.2 %
Insulation class	F
Protection class motor	IP55

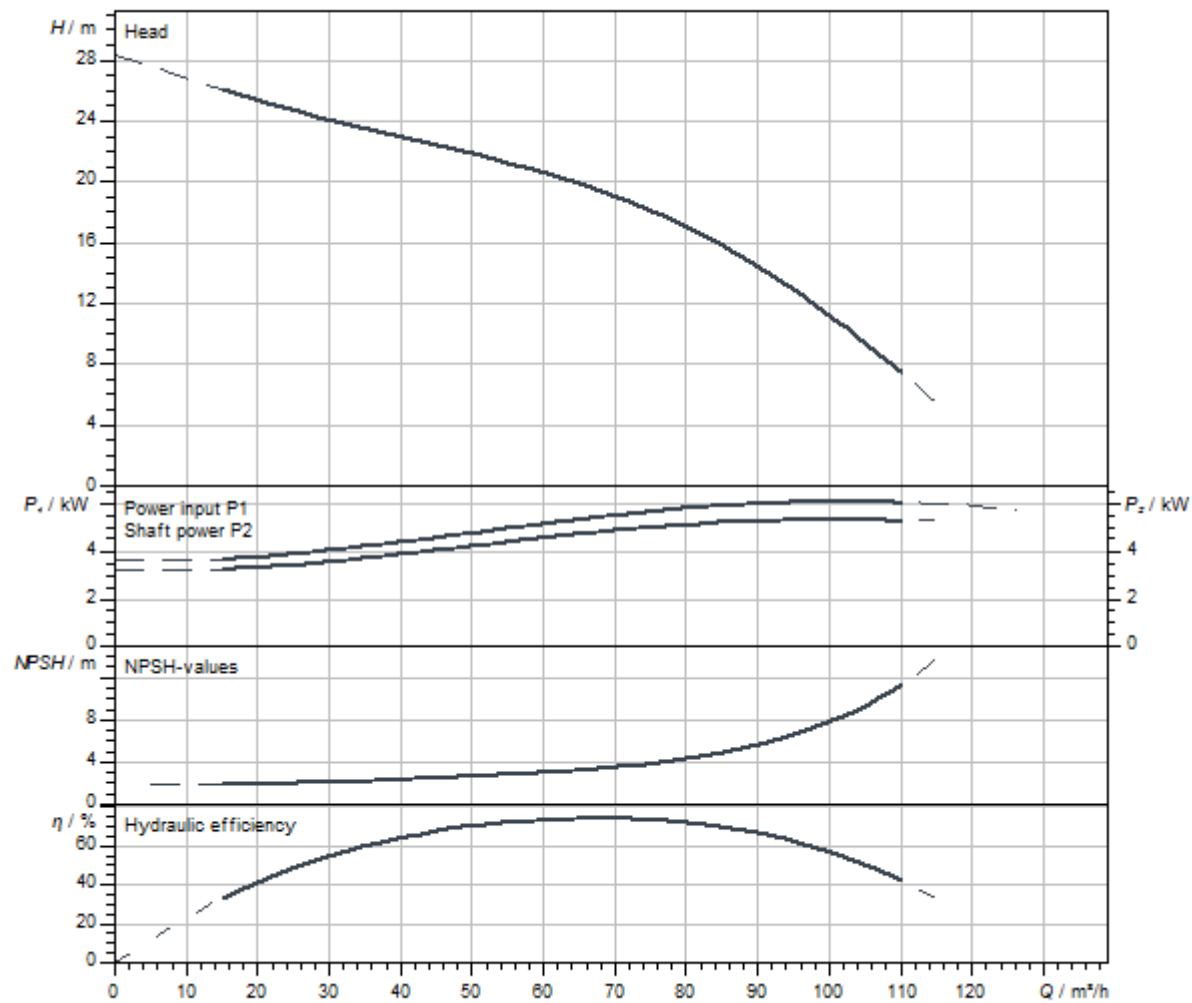
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7001/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	4 kW
Motor efficiency class	IE3
Rated current I_N	7.4 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.87
Activation type	Direct On Line (DOL)
Motor efficiency η_M 50%	86.5 %
Motor efficiency η_M 75%	88 %
Motor efficiency η_M 100%	88.1 %
Insulation class	F
Protection class motor	IP55

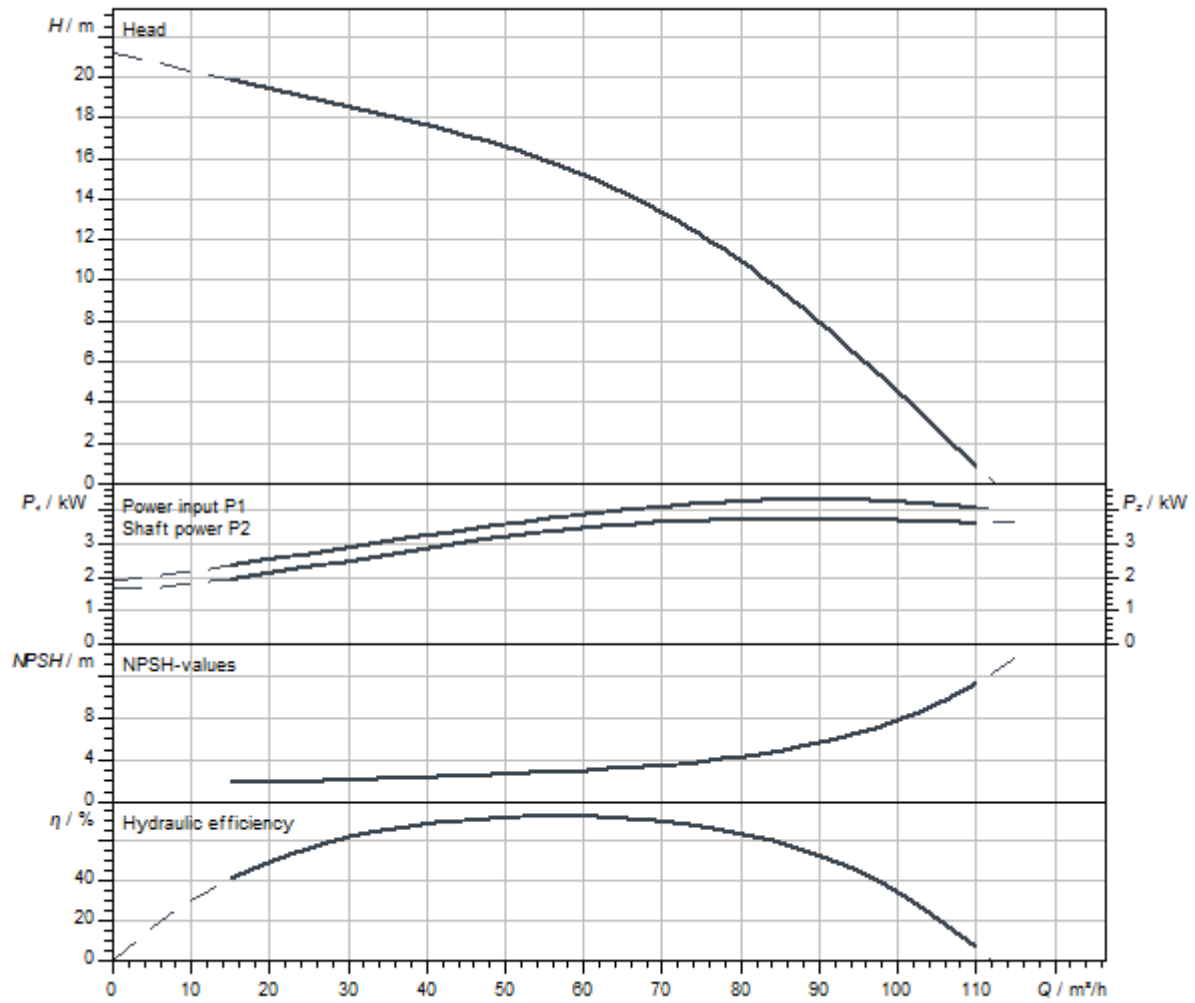
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7001/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	4 kW
Motor efficiency class	IE3
Rated current I_N	7.4 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.87
Activation type	Direct On Line (DOL)
Motor efficiency η_M 50%	86.5 %
Motor efficiency η_M 75%	88 %
Motor efficiency η_M 100%	88.1 %
Insulation class	F
Protection class motor	IP55

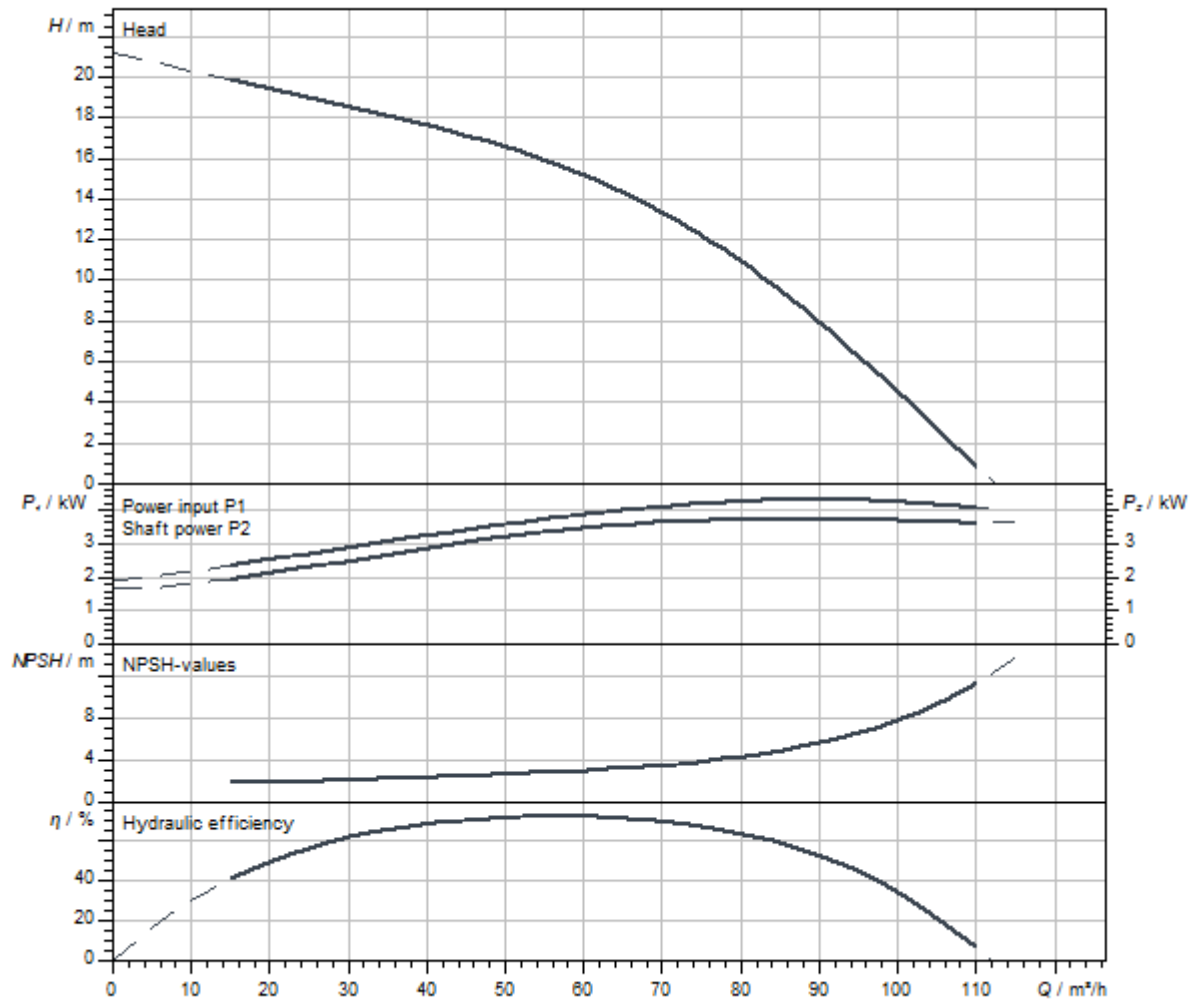
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7002 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	11 kW
Motor efficiency class	IE3
Rated current I_N	21 A
Rated speed n	2917 1/min
Power factor $\cos \varphi$	0.84
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	90.3 %
Motor efficiency η_M 75%	91.3 %
Motor efficiency η_M 100%	91.2 %
Insulation class	F
Protection class motor	IP55

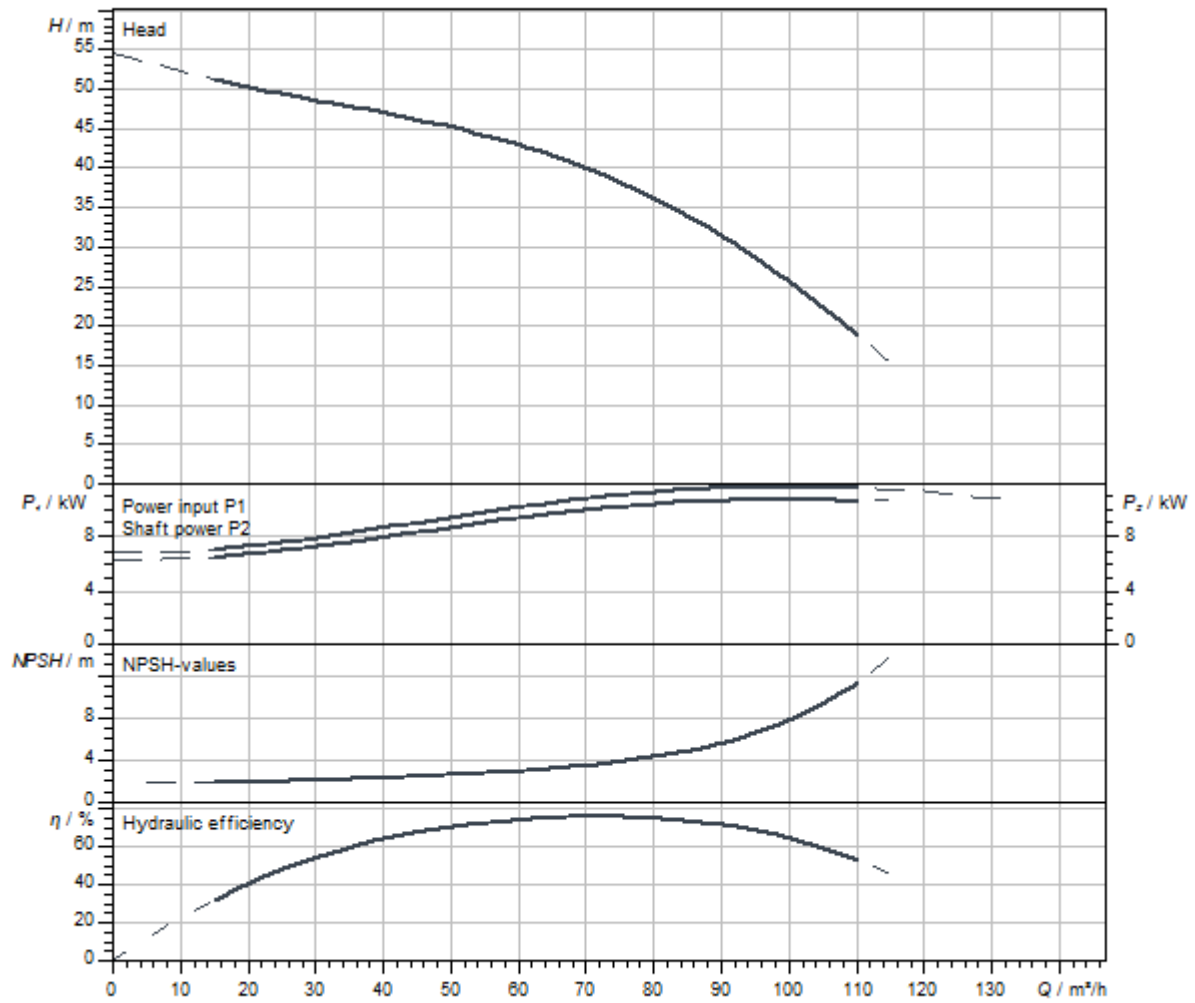
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7002 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	11 kW
Motor efficiency class	IE3
Rated current I_N	21 A
Rated speed n	2917 1/min
Power factor $\cos \varphi$	0.84
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	90.3 %
Motor efficiency η_M 75%	91.3 %
Motor efficiency η_M 100%	91.2 %
Insulation class	F
Protection class motor	IP55

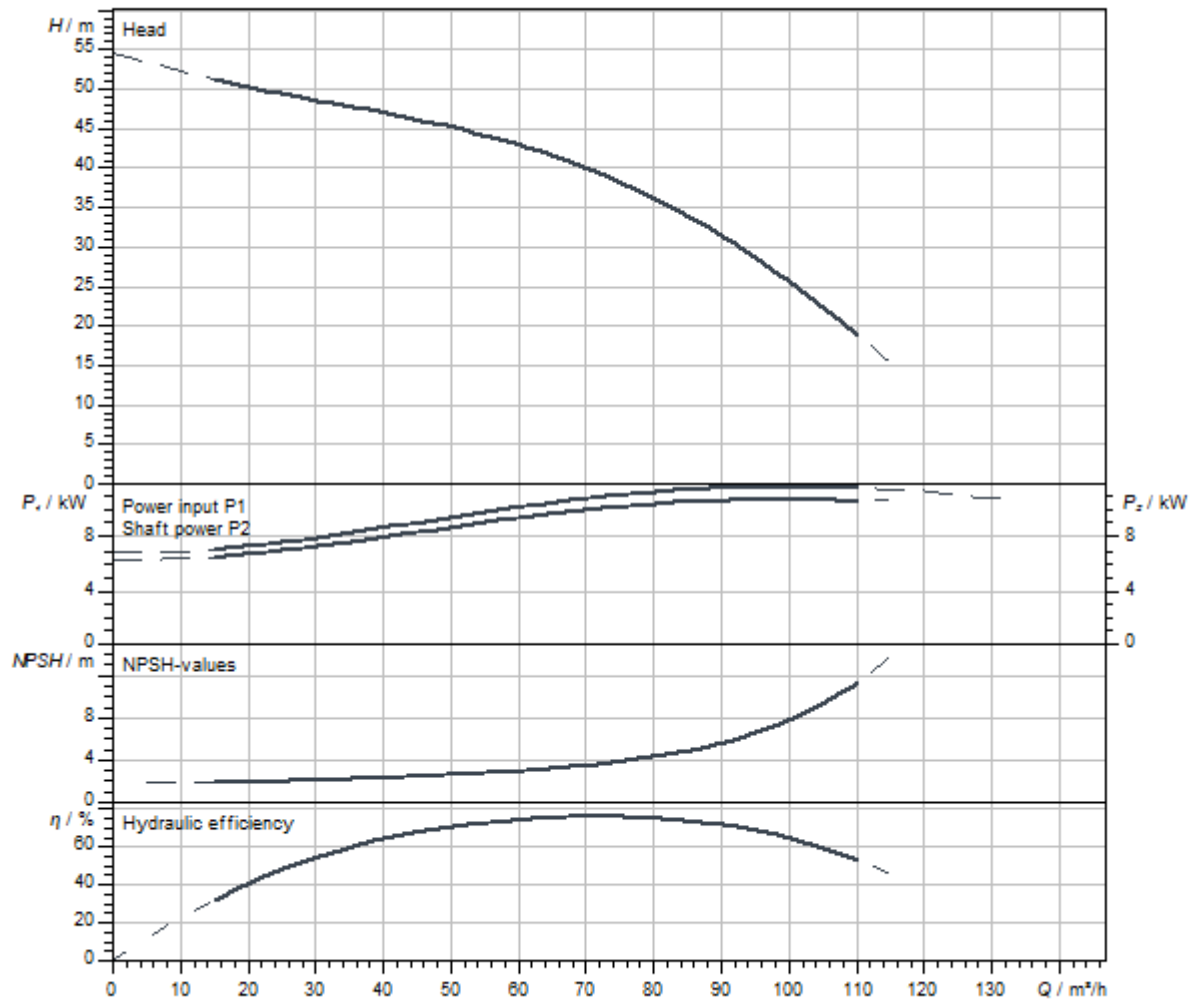
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7002/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	9 kW
Motor efficiency class	IE3
Rated current I_N	16.7 A
Rated speed n	2926 1/min
Power factor $\cos \varphi$	0.87
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	90.4 %
Motor efficiency η_M 75%	91 %
Motor efficiency η_M 100%	90.6 %
Insulation class	F
Protection class motor	IP55

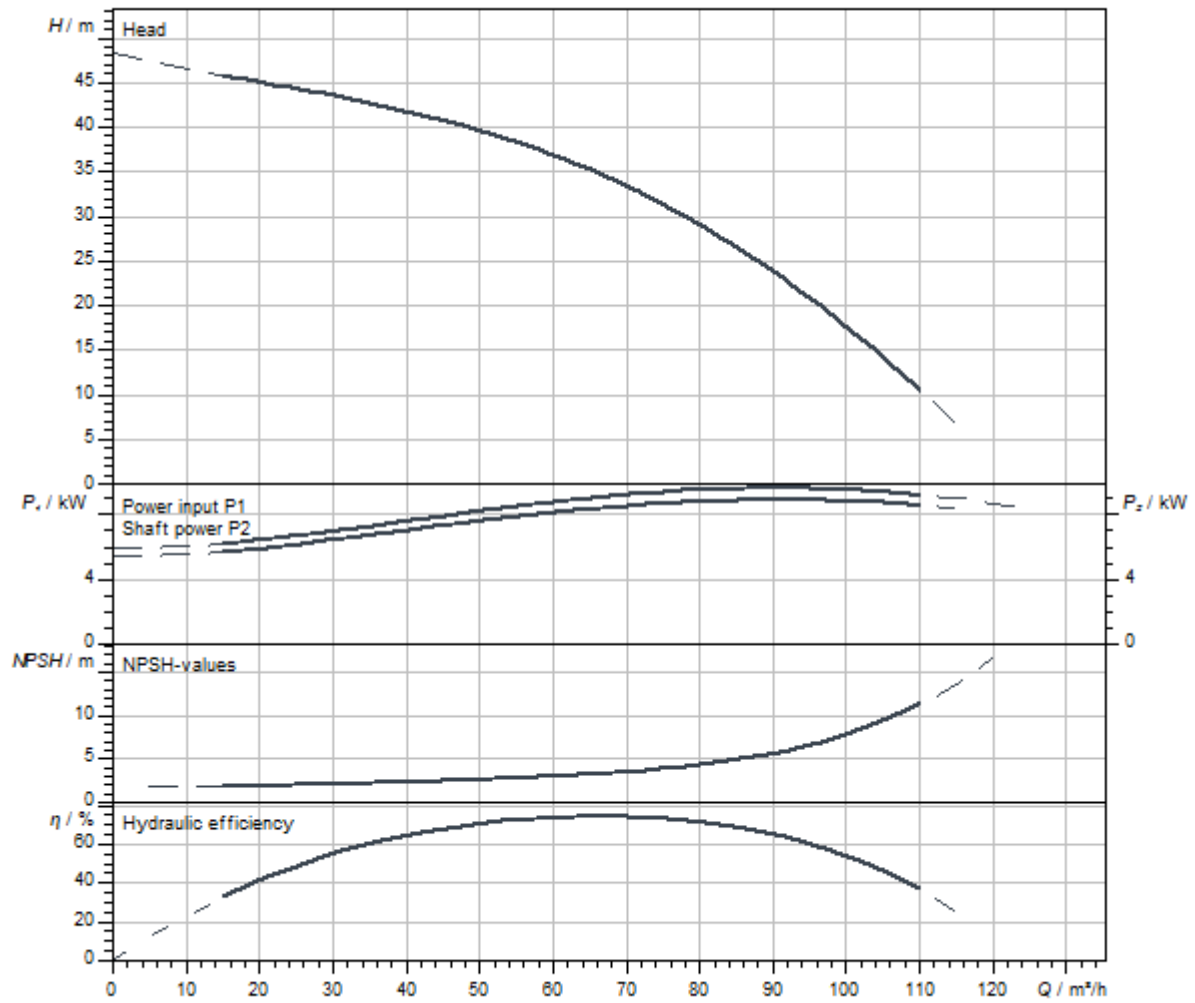
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7002/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	9 kW
Motor efficiency class	IE3
Rated current I_N	16.7 A
Rated speed n	2926 1/min
Power factor $\cos \varphi$	0.87
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	90.4 %
Motor efficiency η_M 75%	91 %
Motor efficiency η_M 100%	90.6 %
Insulation class	F
Protection class motor	IP55

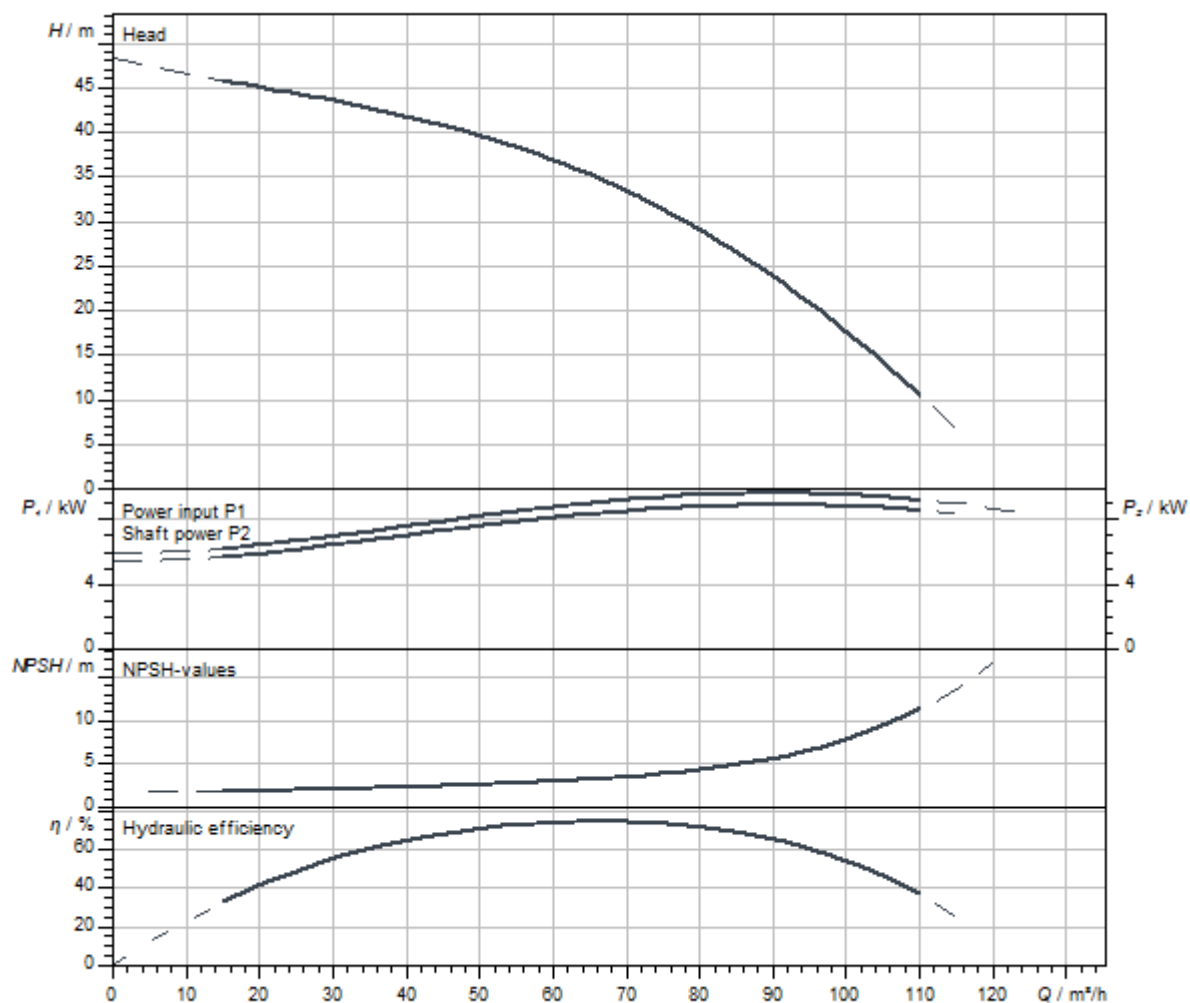
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7002/2 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	7.5 kW
Motor efficiency class	IE3
Rated current I_N	13.7 A
Rated speed n	2905 1/min
Power factor $\cos \varphi$	0.88
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	89.8 %
Motor efficiency η_M 75%	90.5 %
Motor efficiency η_M 100%	90.1 %
Insulation class	F
Protection class motor	IP55

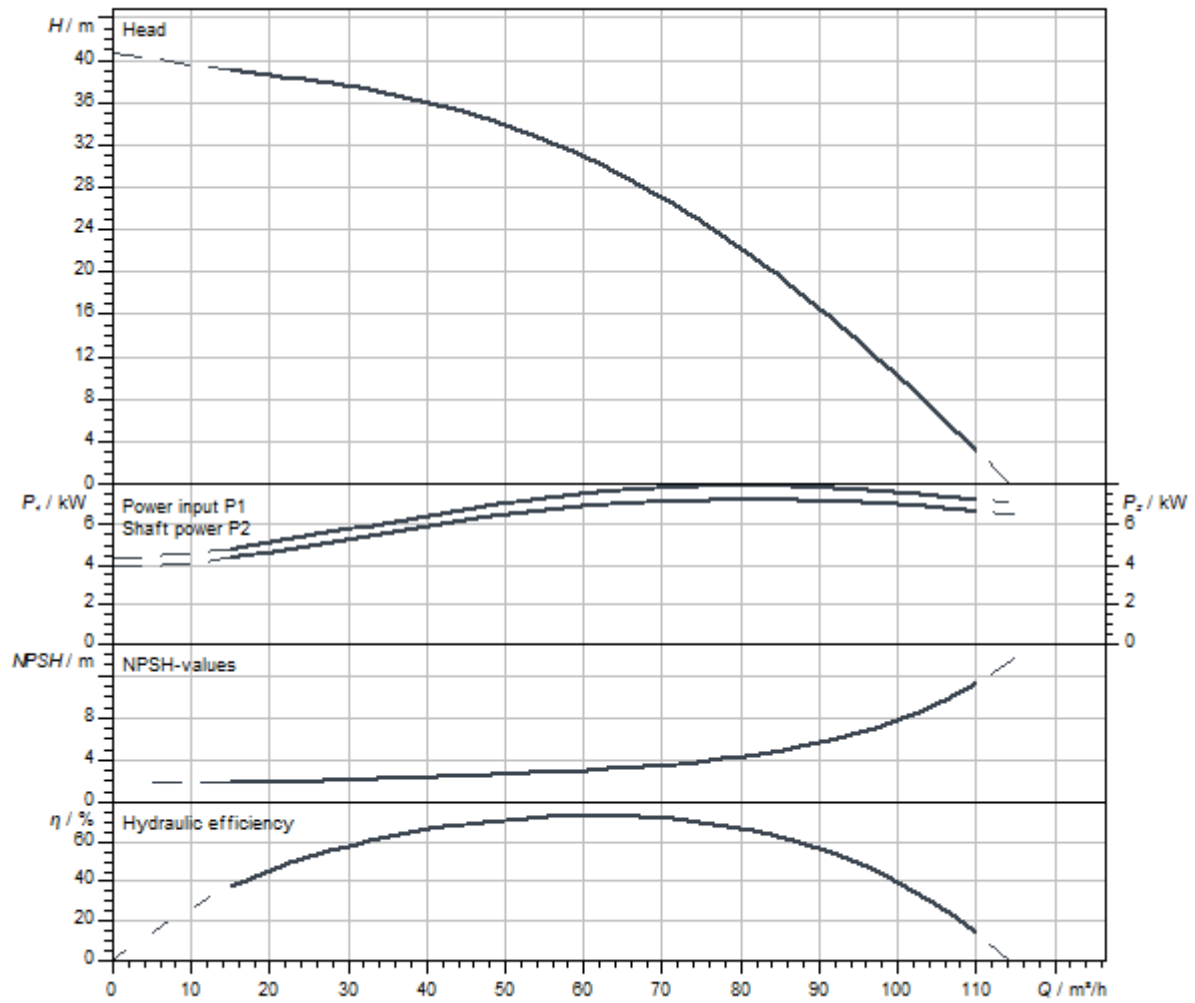
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7002/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	7.5 kW
Motor efficiency class	IE3
Rated current I_N	13.7 A
Rated speed n	2905 1/min
Power factor $\cos \varphi$	0.88
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	89.8 %
Motor efficiency η_M 75%	90.5 %
Motor efficiency η_M 100%	90.1 %
Insulation class	F
Protection class motor	IP55

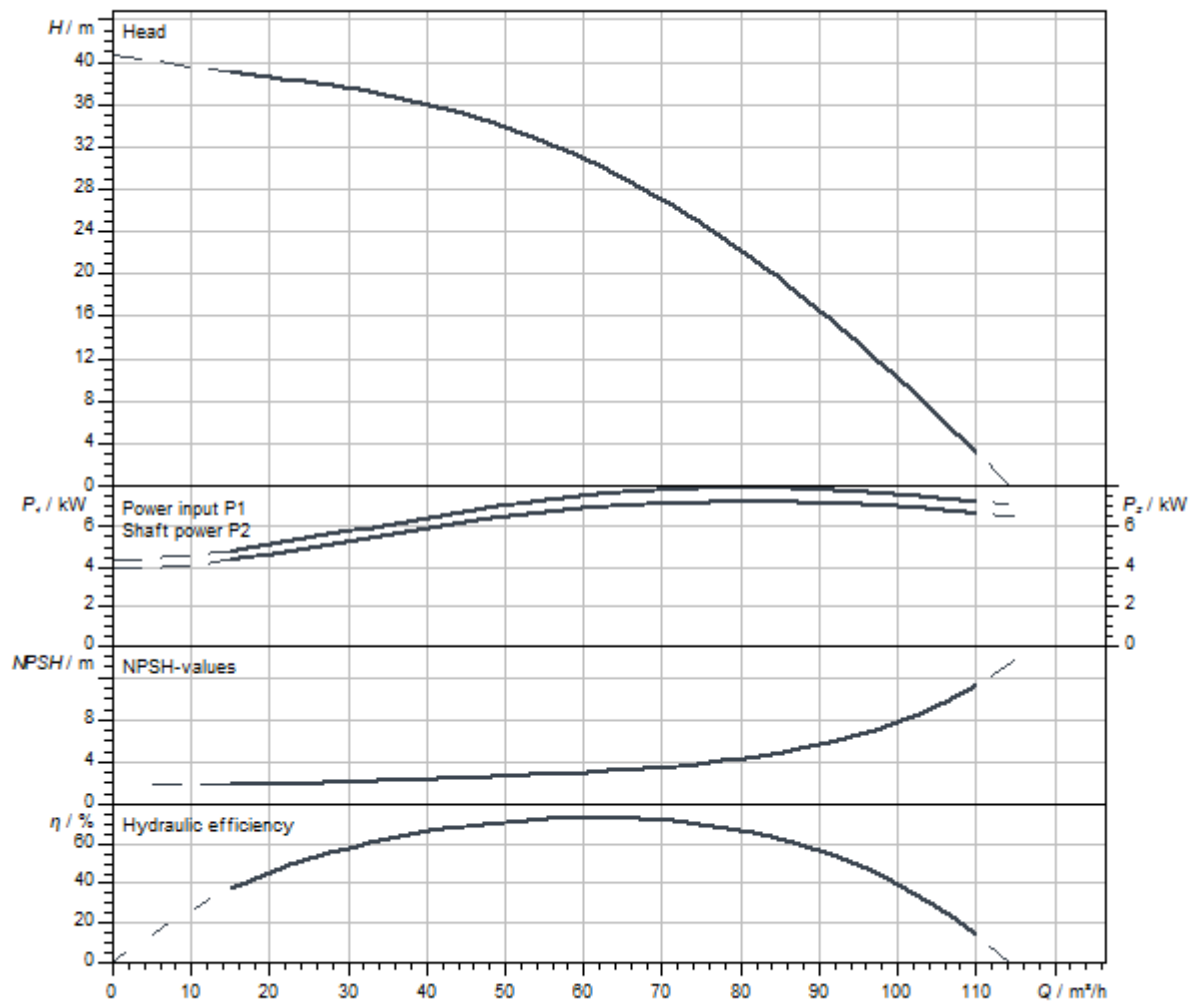
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7003 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	18.5 kW
Motor efficiency class	IE3
Rated current I_N	32.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.89
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	91.6 %
Motor efficiency η_M 75%	92.5 %
Motor efficiency η_M 100%	92.4 %
Insulation class	F
Protection class motor	IP55

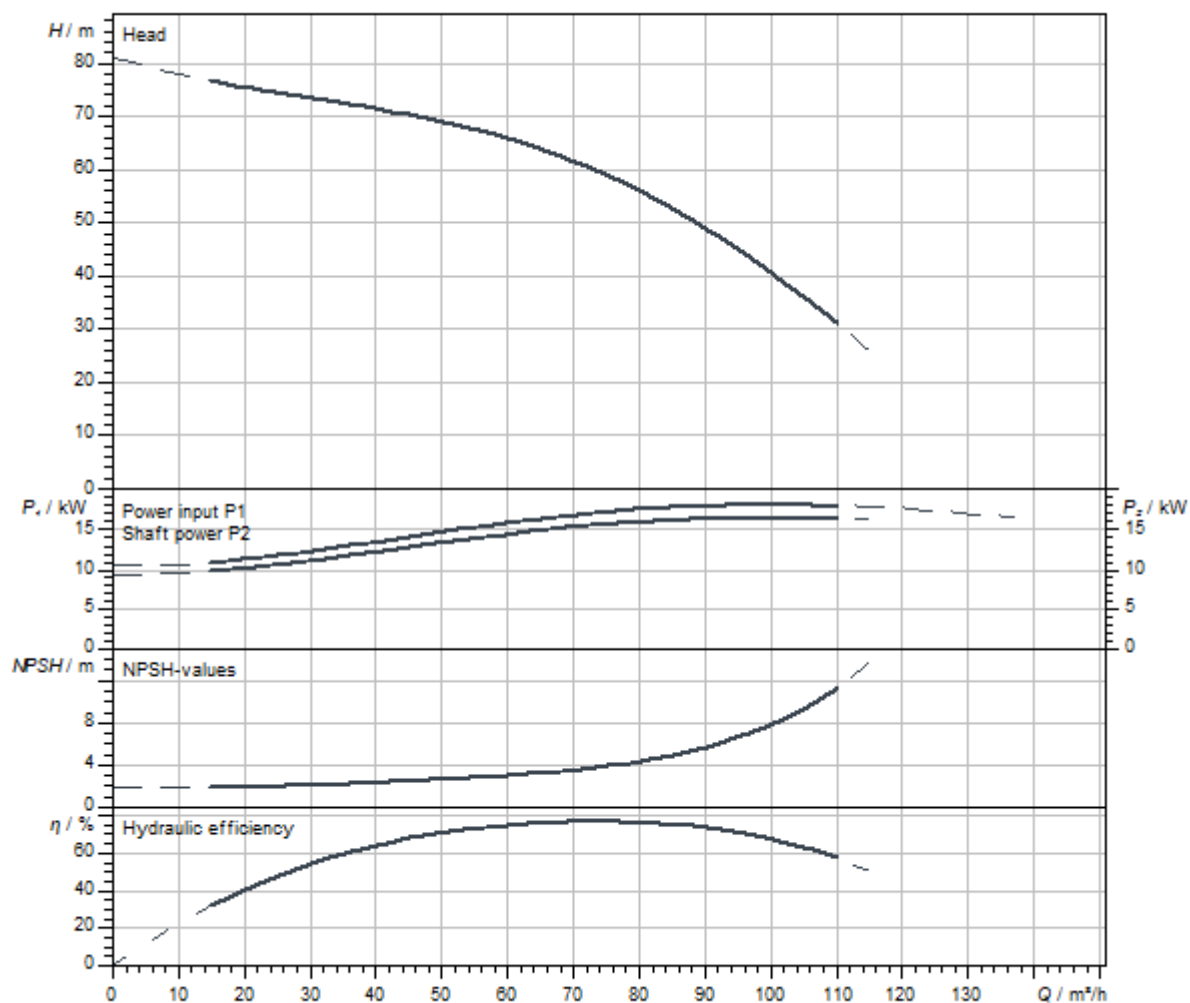
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7003 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	18.5 kW
Motor efficiency class	IE3
Rated current I_N	32.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.89
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	91.6 %
Motor efficiency η_M 75%	92.5 %
Motor efficiency η_M 100%	92.4 %
Insulation class	F
Protection class motor	IP55

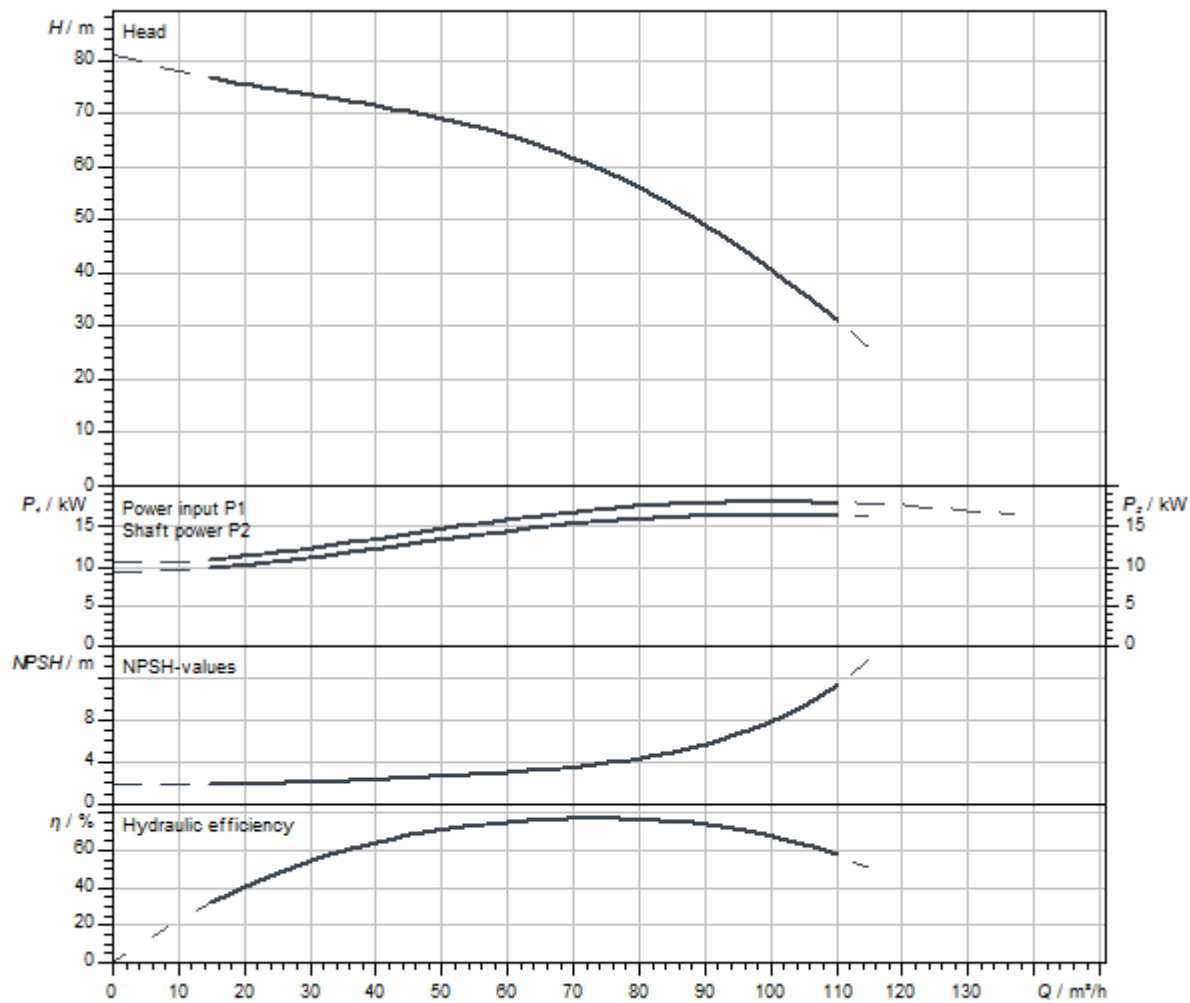
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7003/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	15 kW
Motor efficiency class	IE3
Rated current I_N	26.7 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.88
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	90.2 %
Motor efficiency η_M 75%	91.8 %
Motor efficiency η_M 100%	91.9 %
Insulation class	F
Protection class motor	IP55

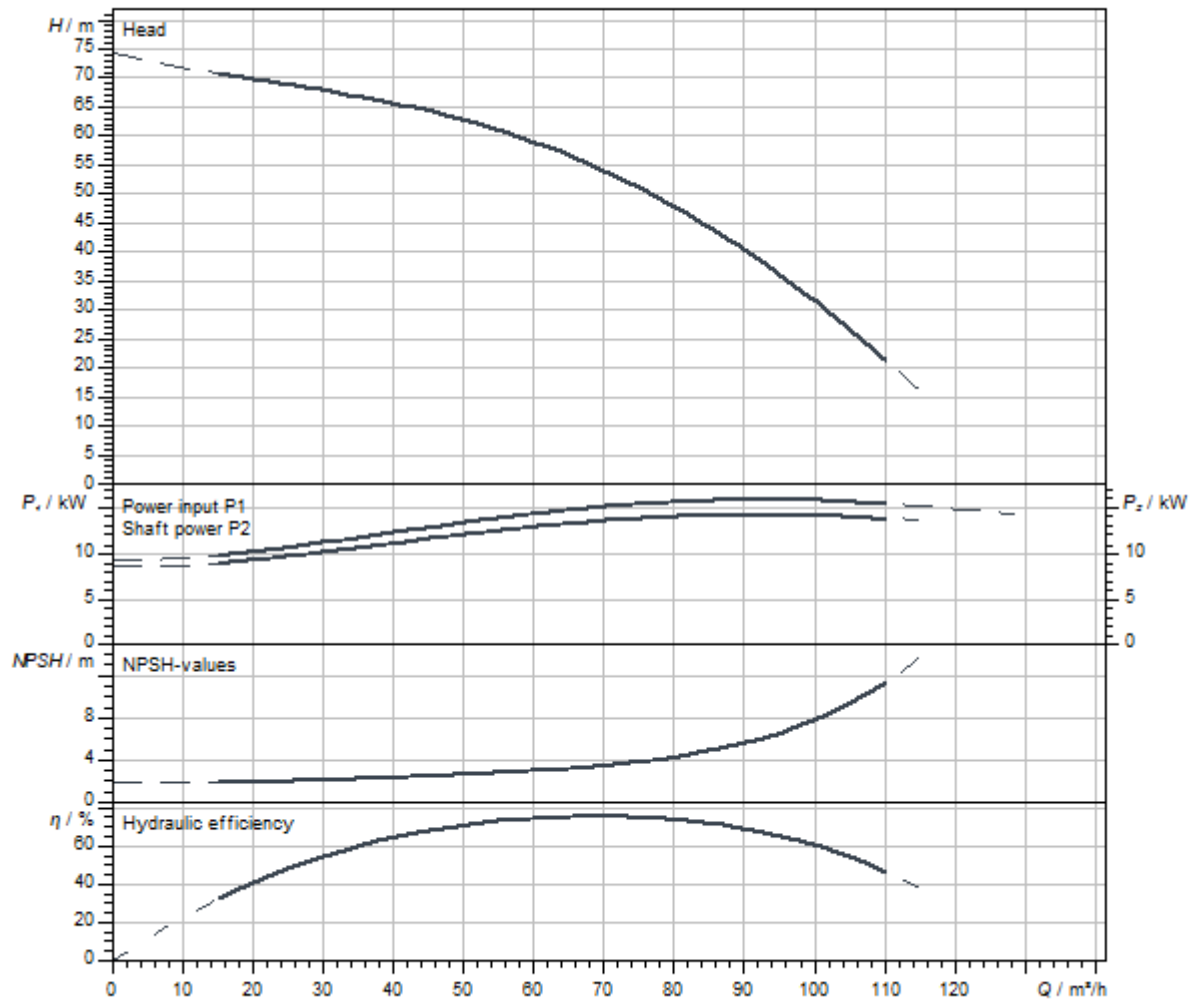
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7003/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	15 kW
Motor efficiency class	IE3
Rated current I_N	26.7 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.88
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	90.2 %
Motor efficiency η_M 75%	91.8 %
Motor efficiency η_M 100%	91.9 %
Insulation class	F
Protection class motor	IP55

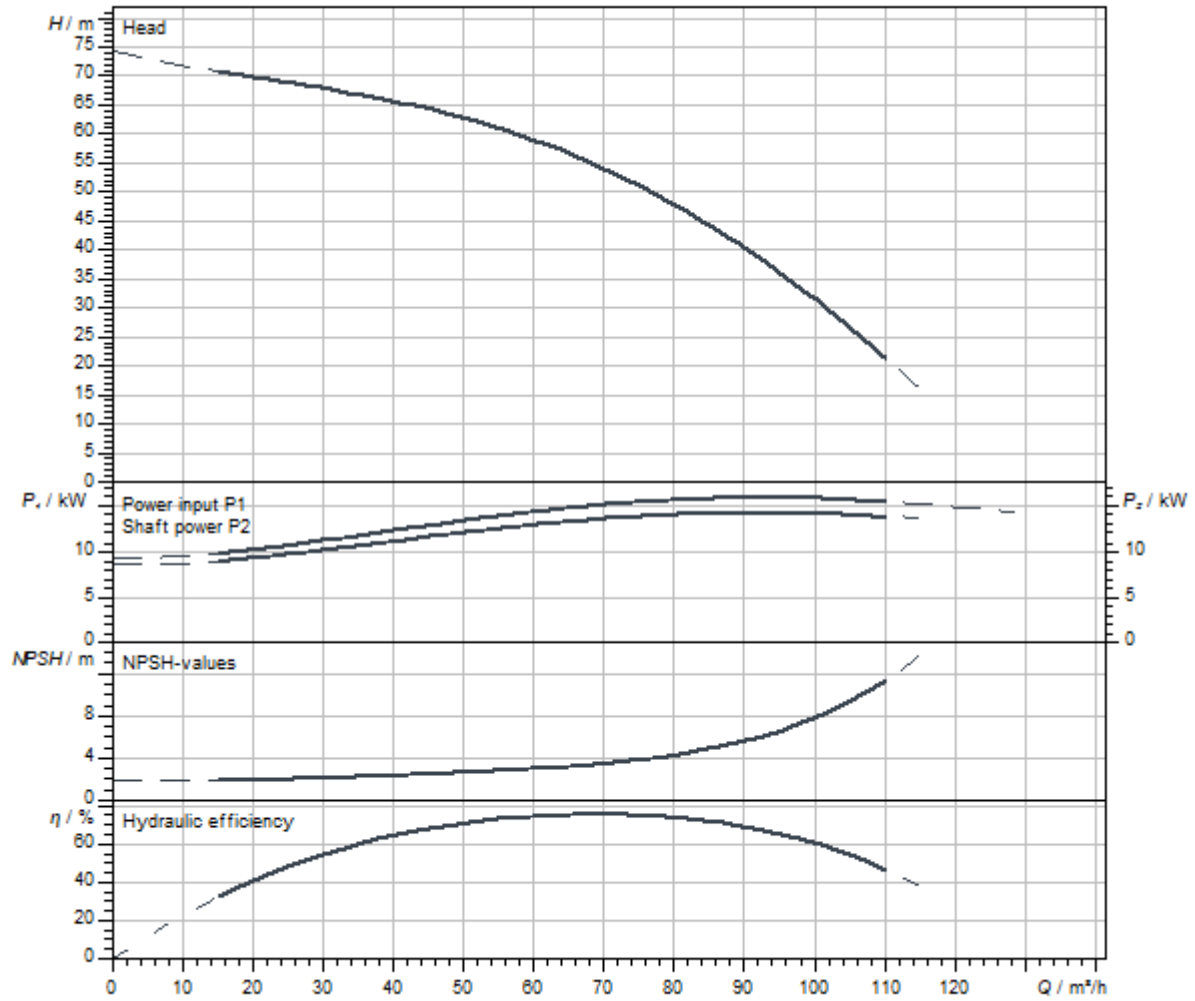
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7003/2 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	15 kW
Motor efficiency class	IE3
Rated current I_N	26.7 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.88
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	90.2 %
Motor efficiency η_M 75%	91.8 %
Motor efficiency η_M 100%	91.9 %
Insulation class	F
Protection class motor	IP55

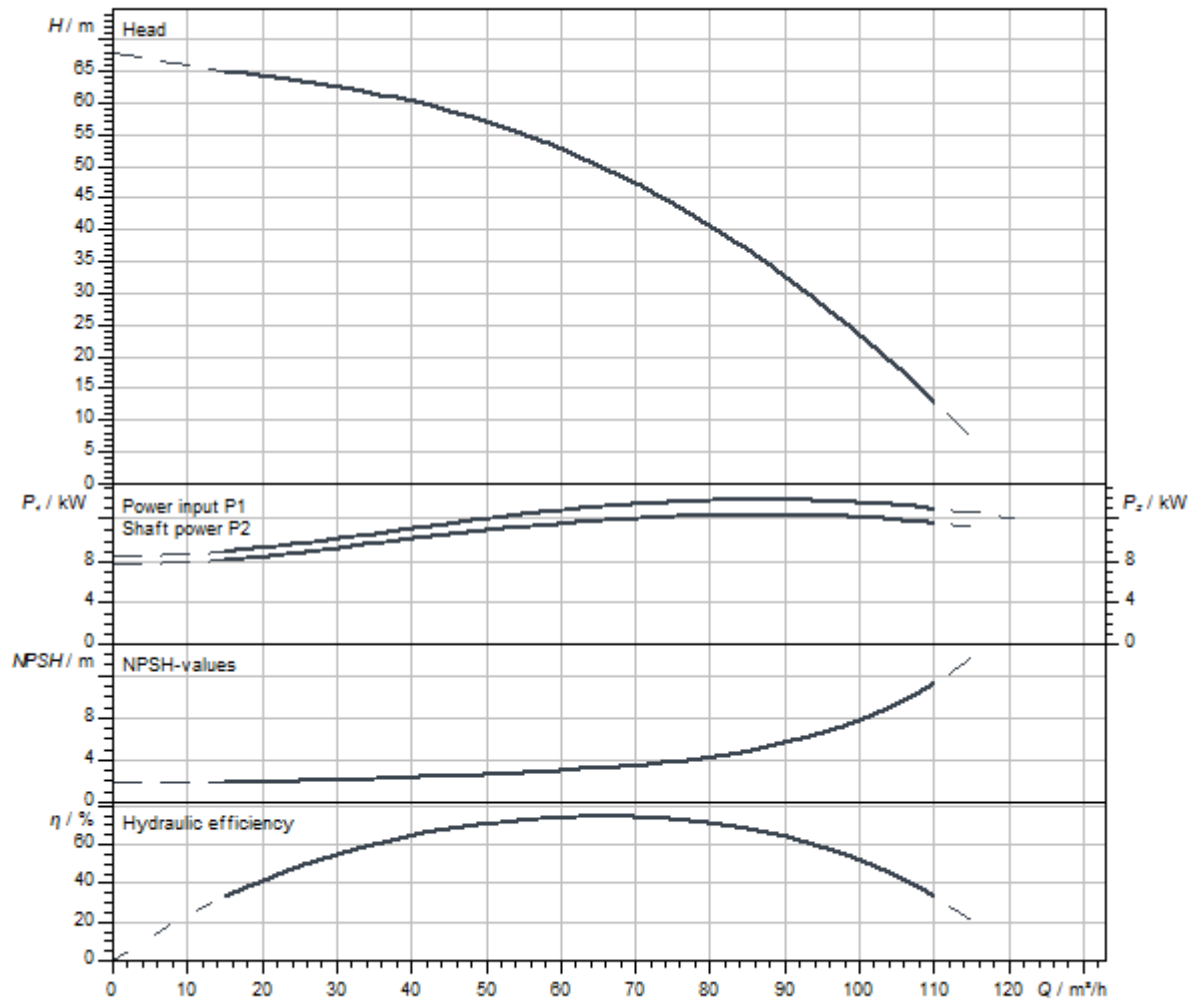
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7003/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	15 kW
Motor efficiency class	IE3
Rated current I_N	26.7 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.88
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	90.2 %
Motor efficiency η_M 75%	91.8 %
Motor efficiency η_M 100%	91.9 %
Insulation class	F
Protection class motor	IP55

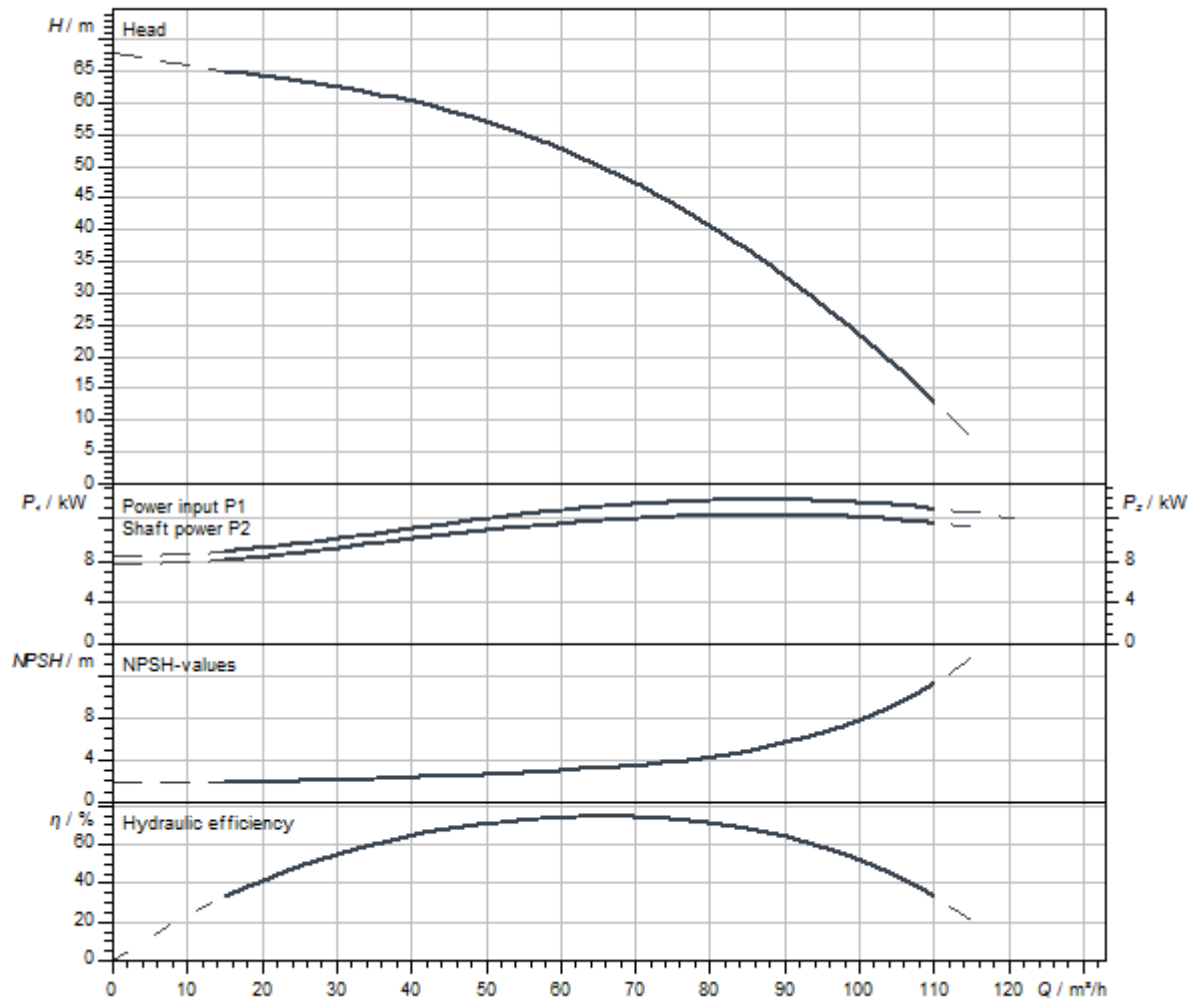
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7004 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	22 kW
Motor efficiency class	IE3
Rated current I_N	39.1 A
Rated speed n	2940 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.7 %
Motor efficiency η_M 75%	92.7 %
Motor efficiency η_M 100%	92.7 %
Insulation class	F
Protection class motor	IP55

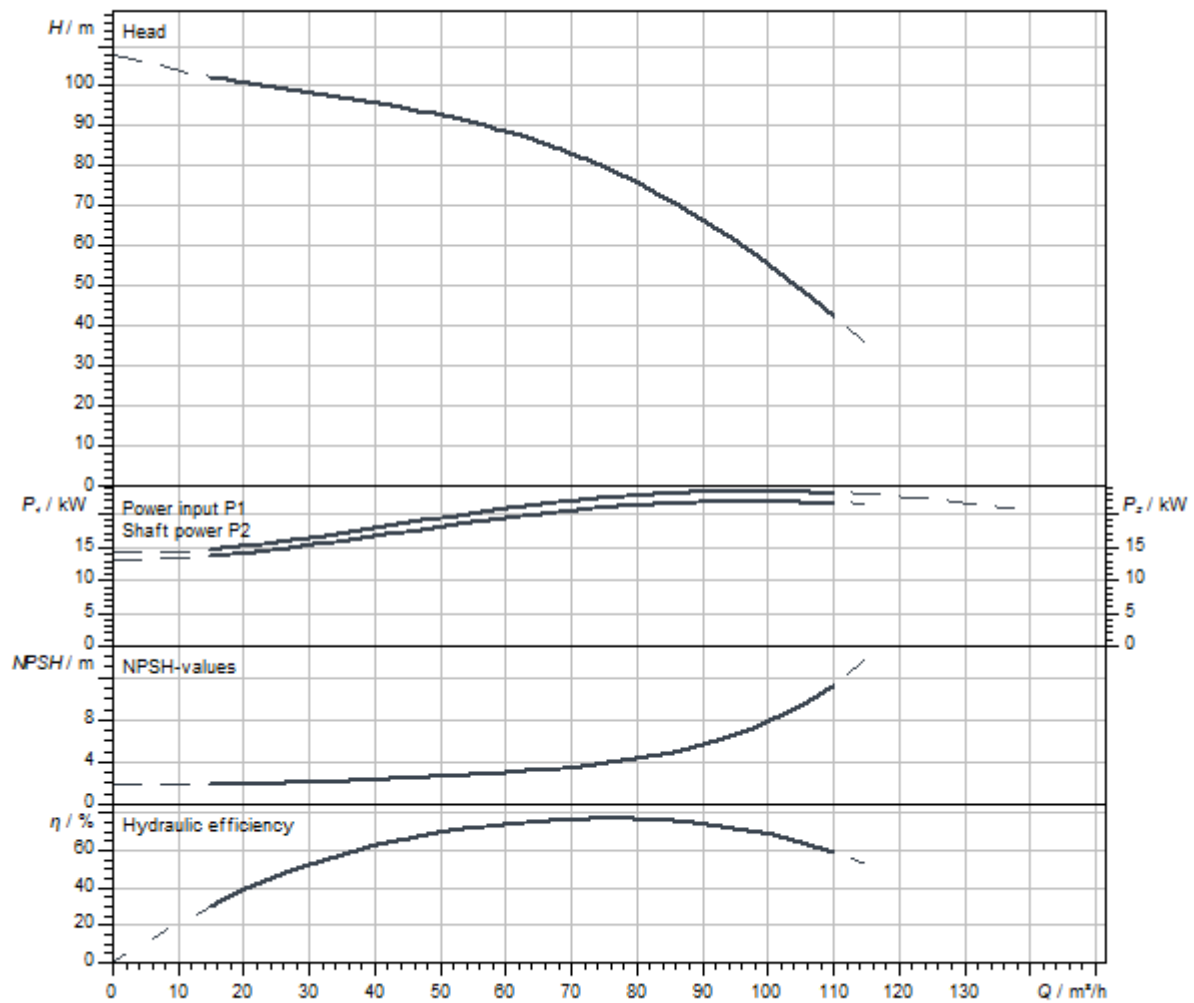
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7004 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	22 kW
Motor efficiency class	IE3
Rated current I_N	39.1 A
Rated speed n	2940 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.7 %
Motor efficiency η_M 75%	92.7 %
Motor efficiency η_M 100%	92.7 %
Insulation class	F
Protection class motor	IP55

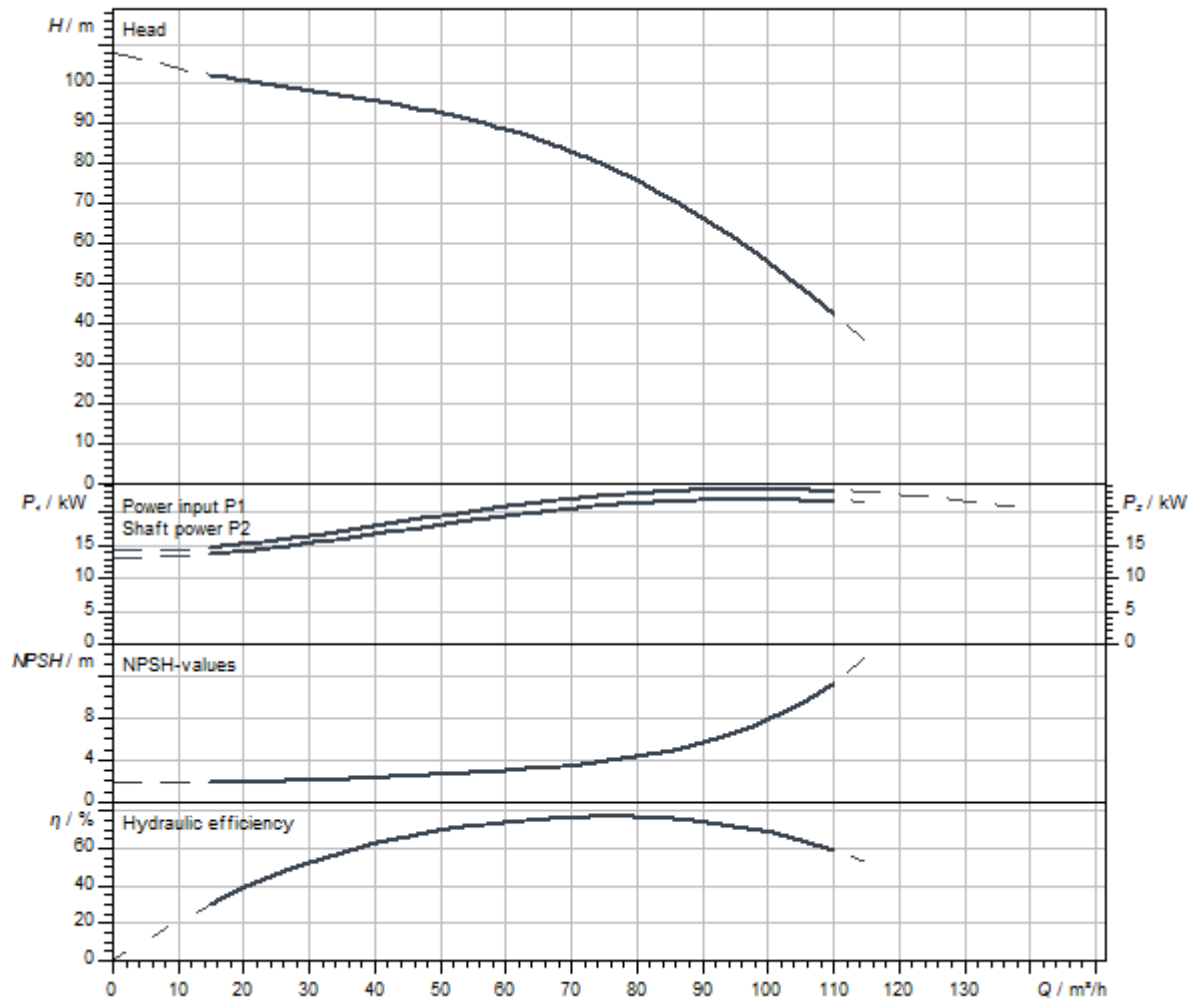
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7004/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	22 kW
Motor efficiency class	IE3
Rated current I_N	39.1 A
Rated speed n	2940 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.7 %
Motor efficiency η_M 75%	92.7 %
Motor efficiency η_M 100%	92.7 %
Insulation class	F
Protection class motor	IP55

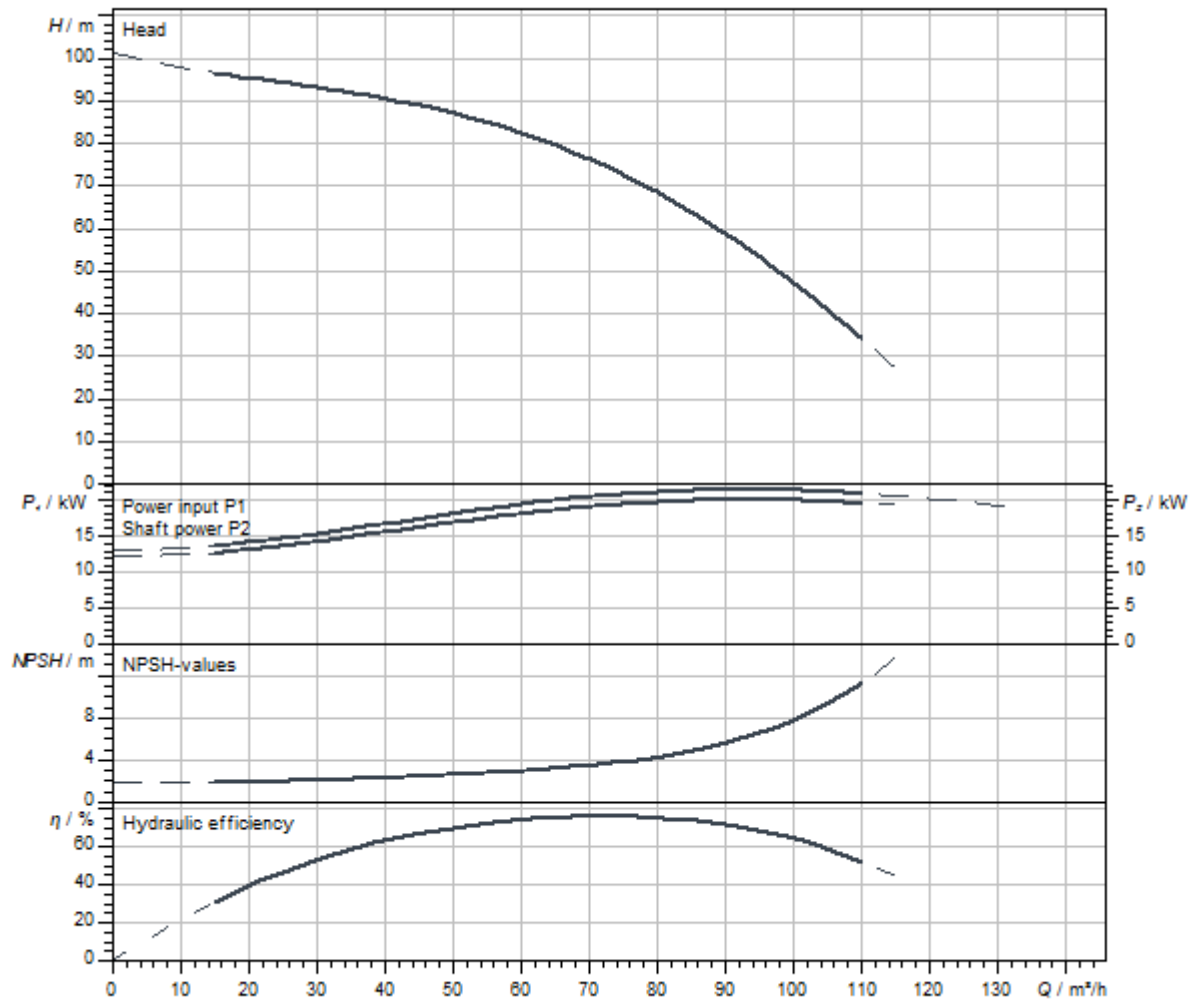
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7004/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	22 kW
Motor efficiency class	IE3
Rated current I_N	39.1 A
Rated speed n	2940 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.7 %
Motor efficiency η_M 75%	92.7 %
Motor efficiency η_M 100%	92.7 %
Insulation class	F
Protection class motor	IP55

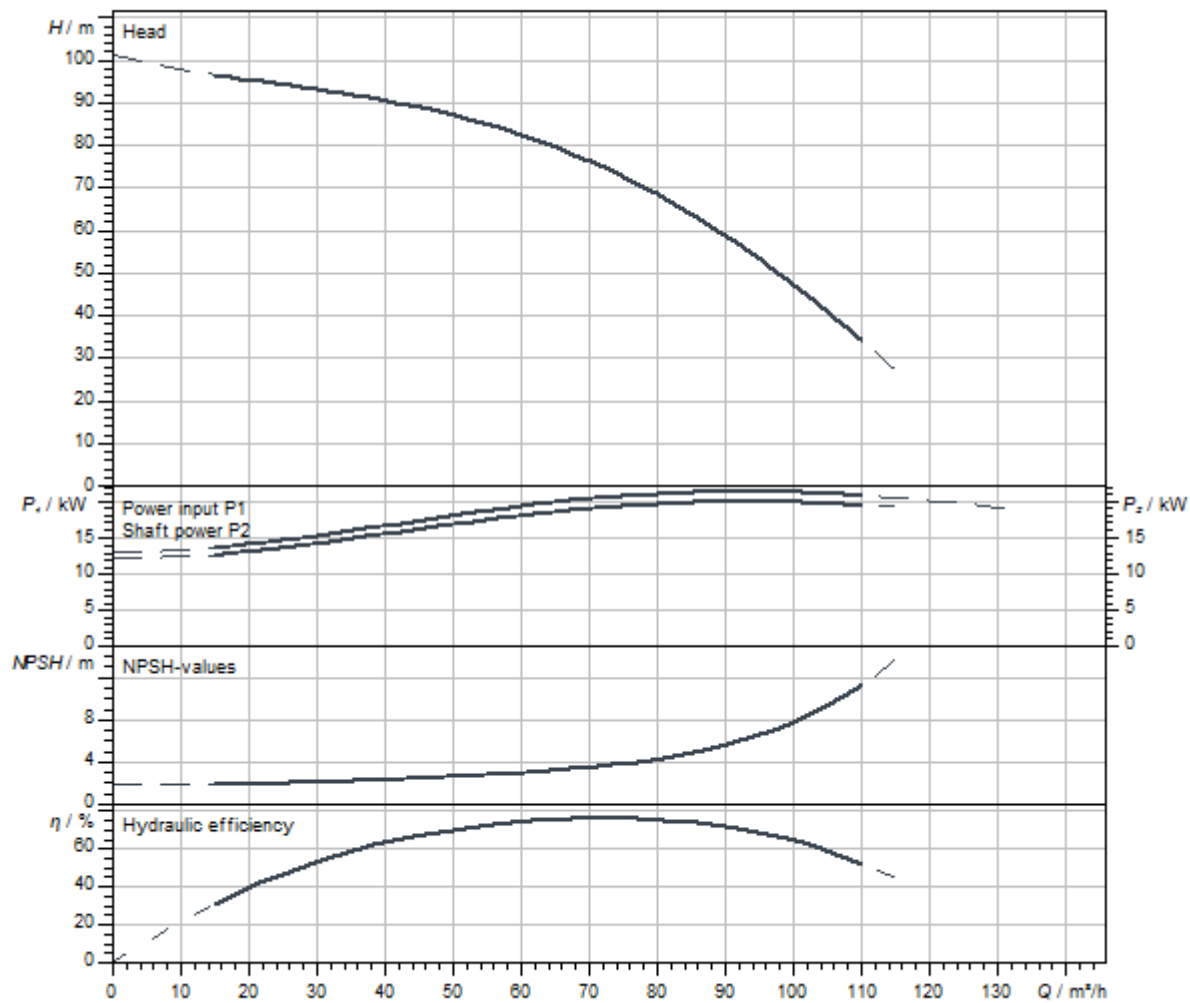
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7004/2 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	18.5 kW
Motor efficiency class	IE3
Rated current I_N	32.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.89
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	91.6 %
Motor efficiency η_M 75%	92.5 %
Motor efficiency η_M 100%	92.4 %
Insulation class	F
Protection class motor	IP55

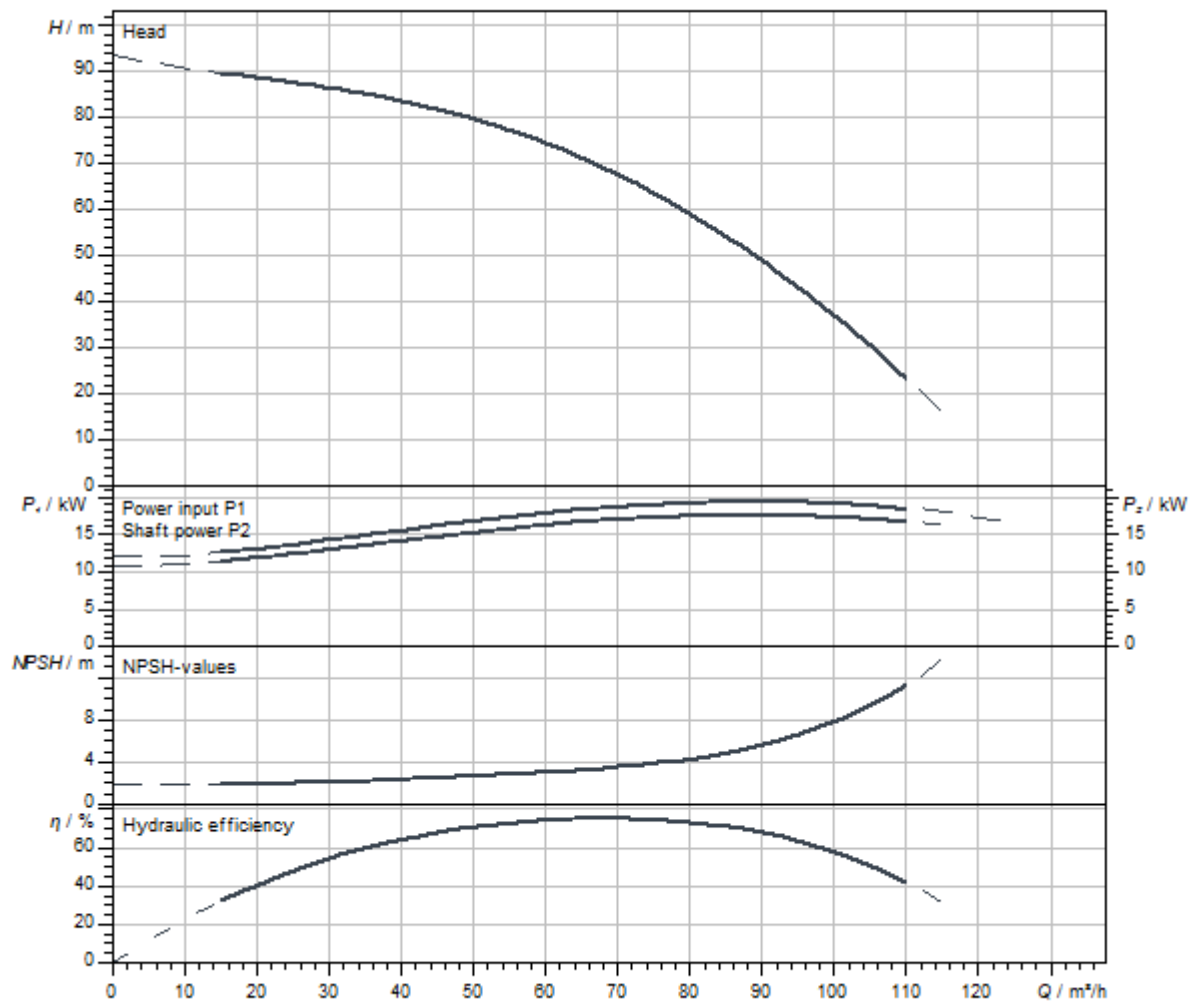
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7004/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	18.5 kW
Motor efficiency class	IE3
Rated current I_N	32.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.89
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	91.6 %
Motor efficiency η_M 75%	92.5 %
Motor efficiency η_M 100%	92.4 %
Insulation class	F
Protection class motor	IP55

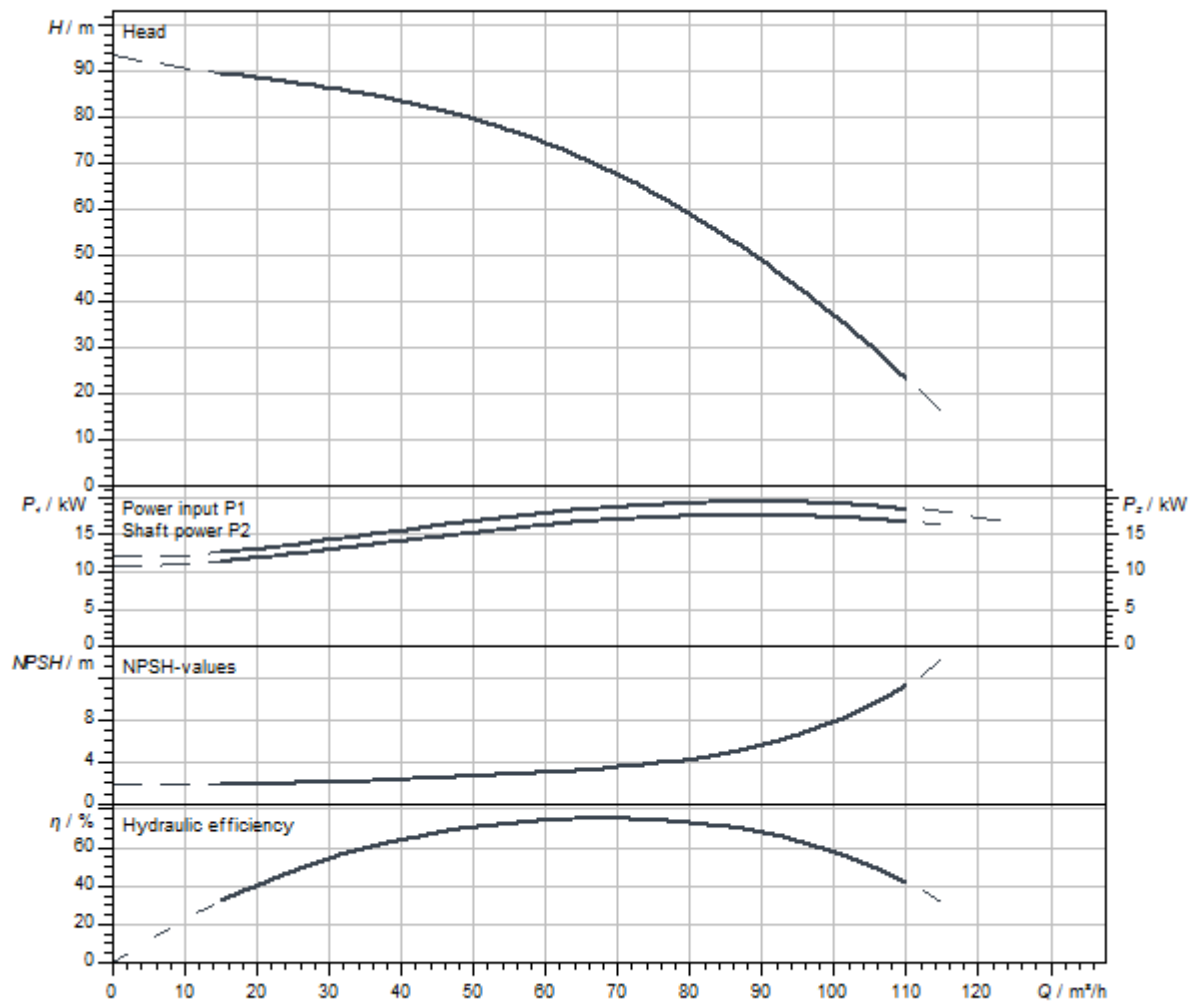
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7005 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

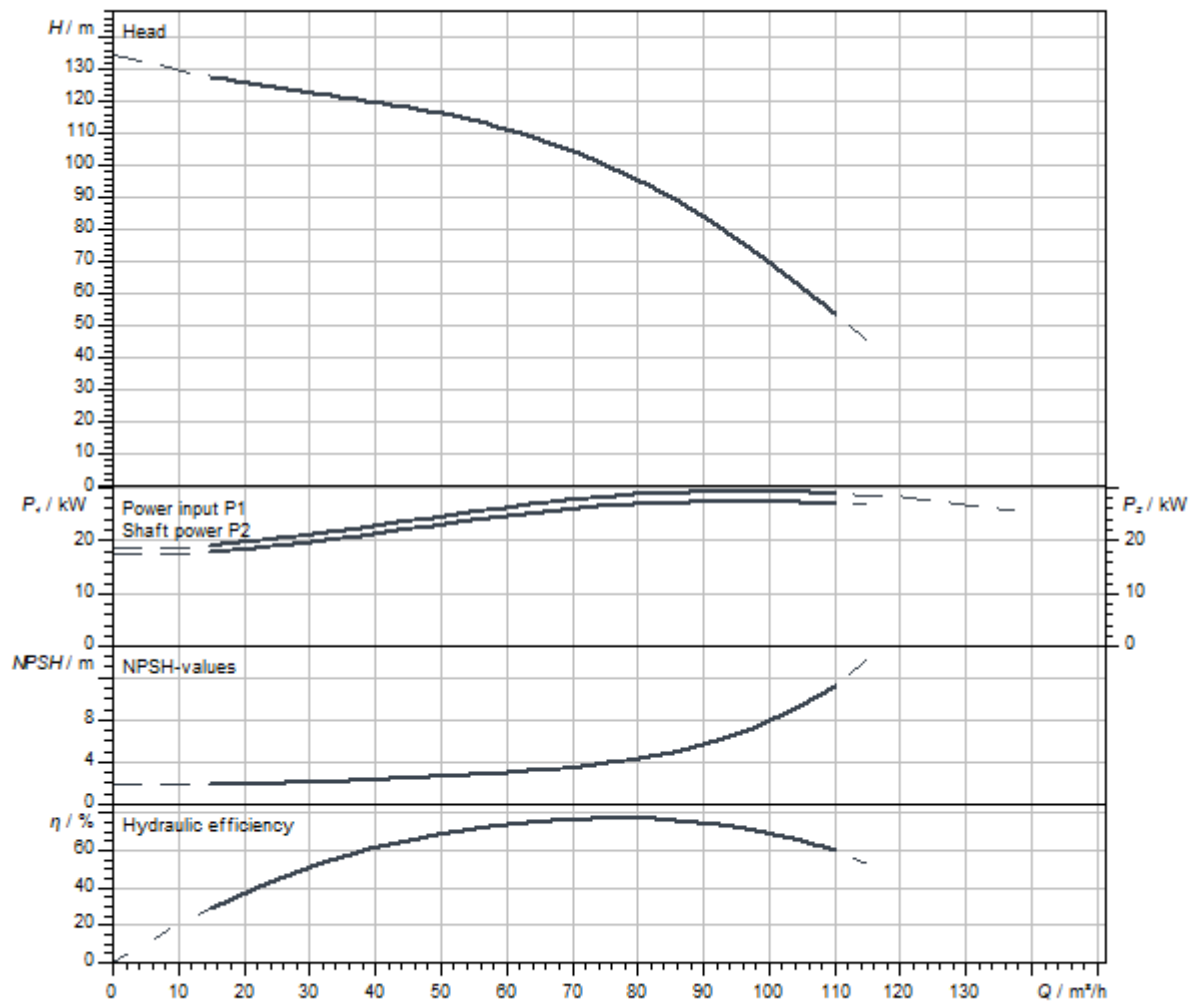
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7005 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

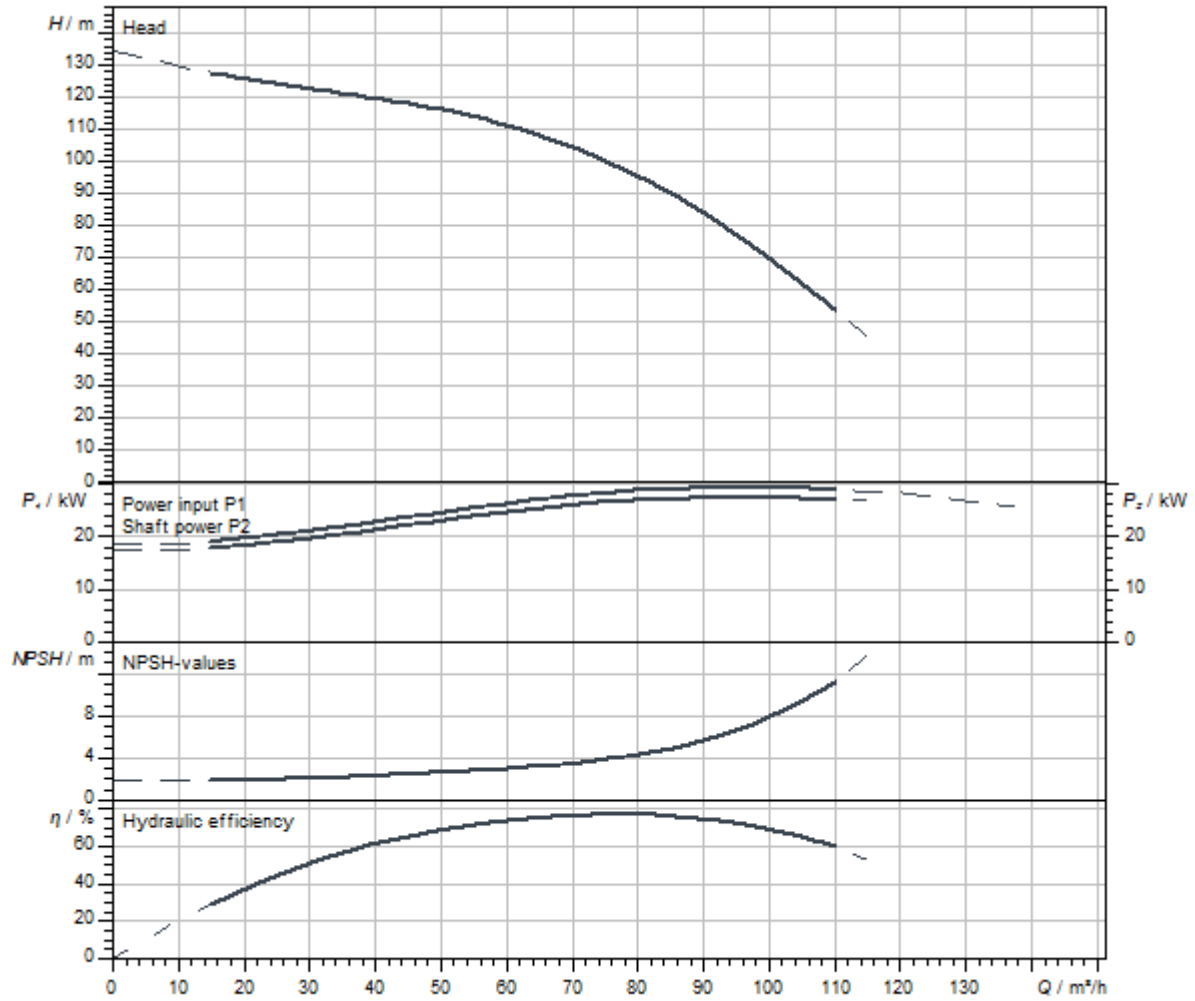
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7005/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

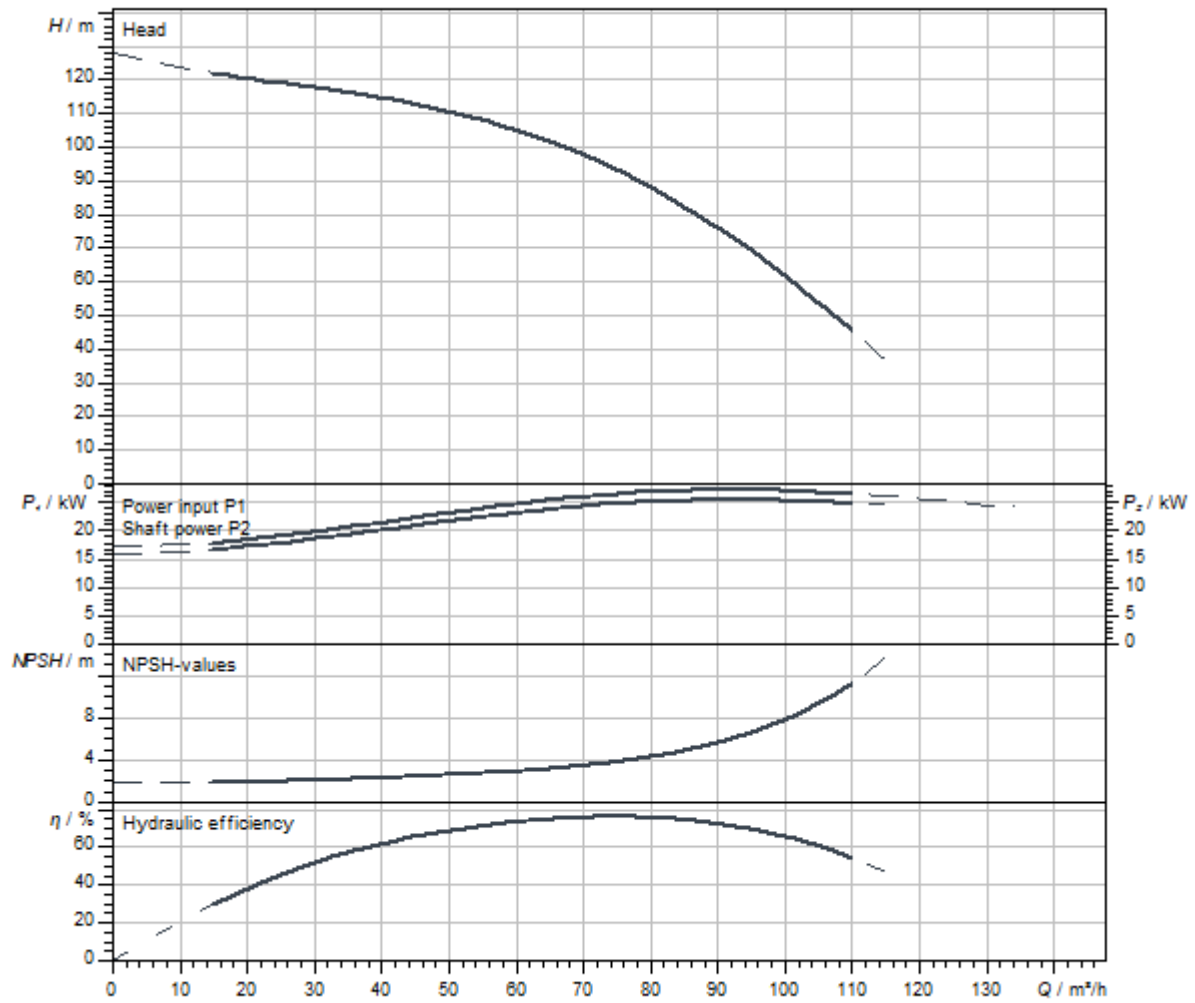
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7005/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

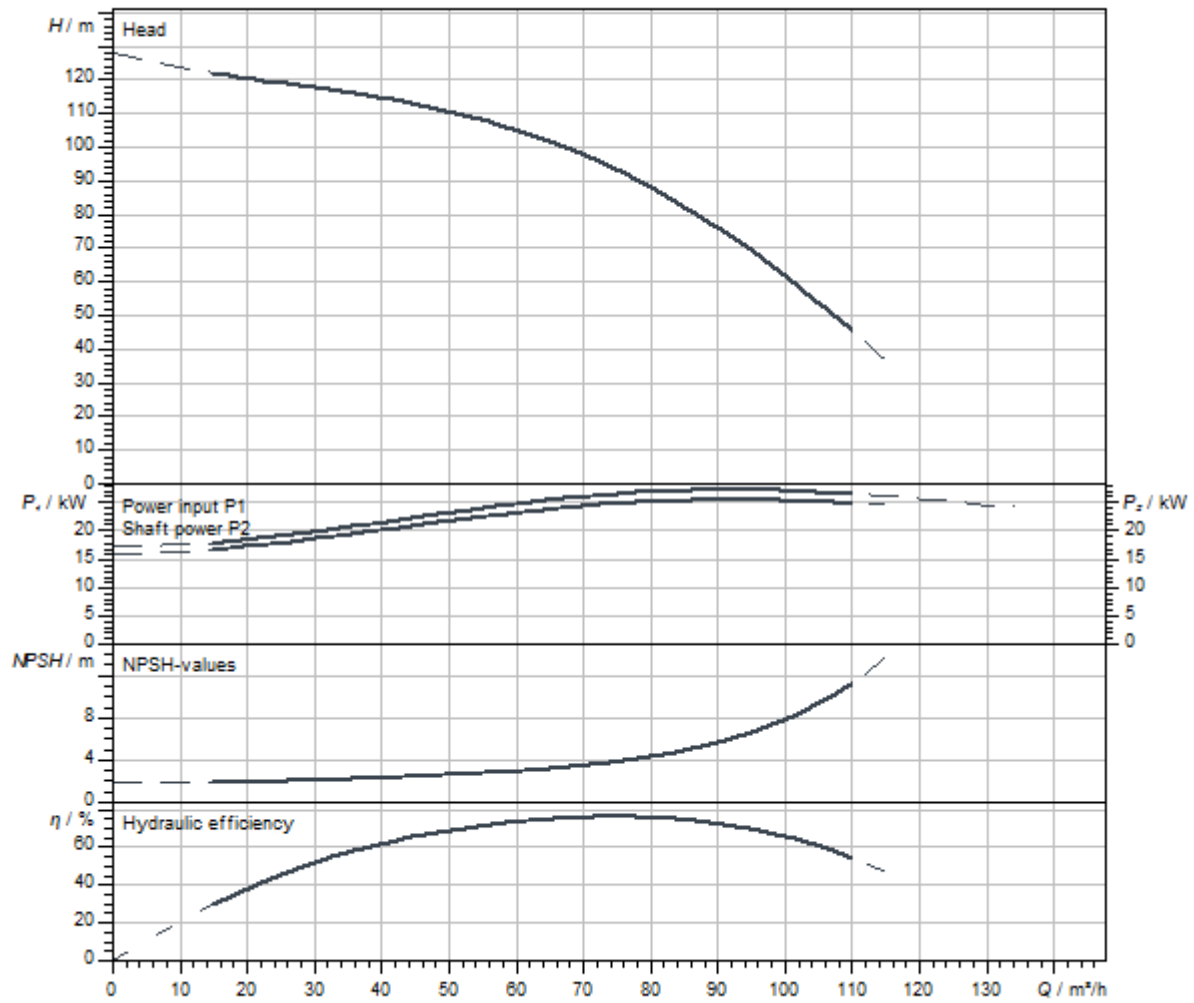
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7005/2 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

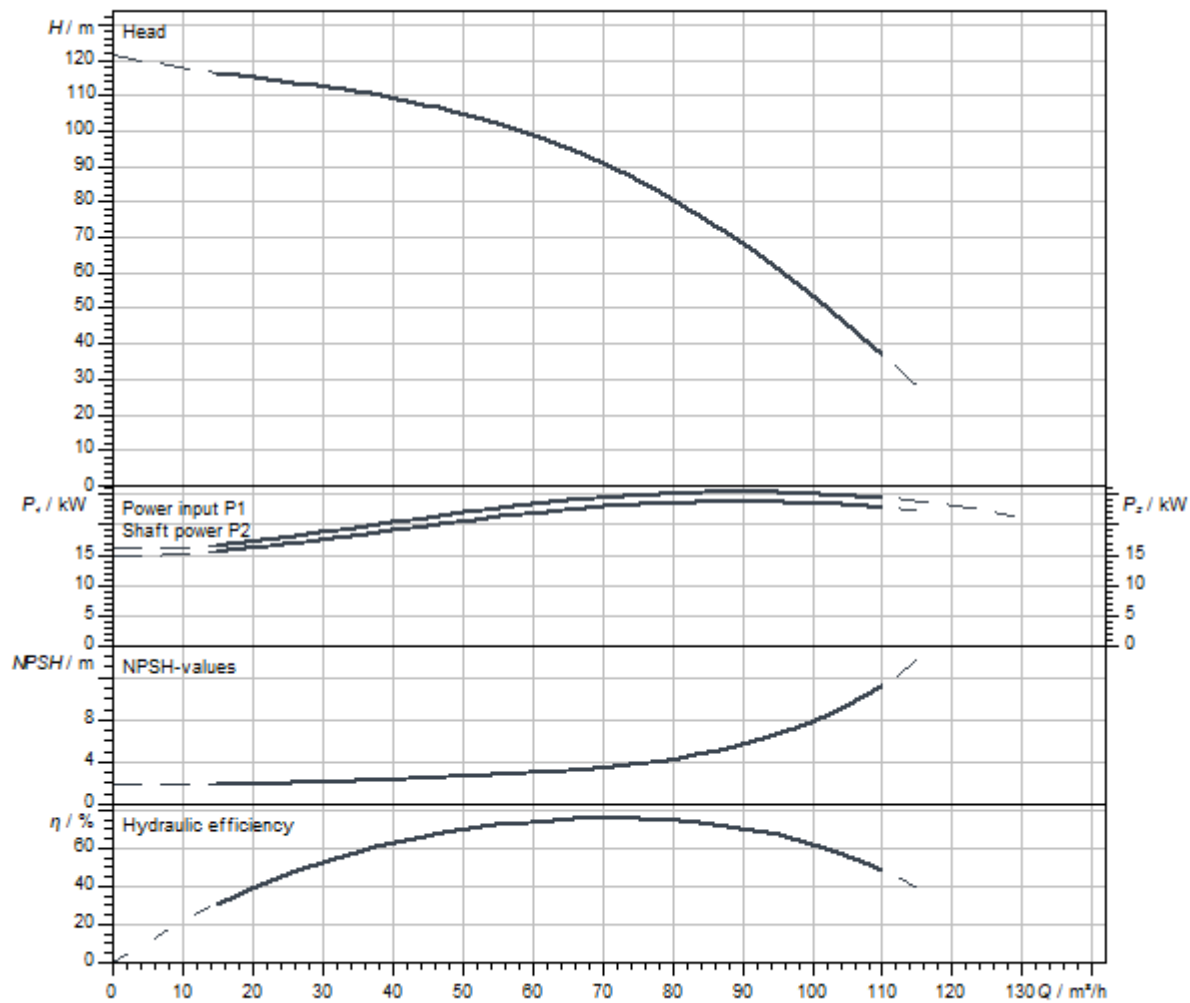
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7005/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

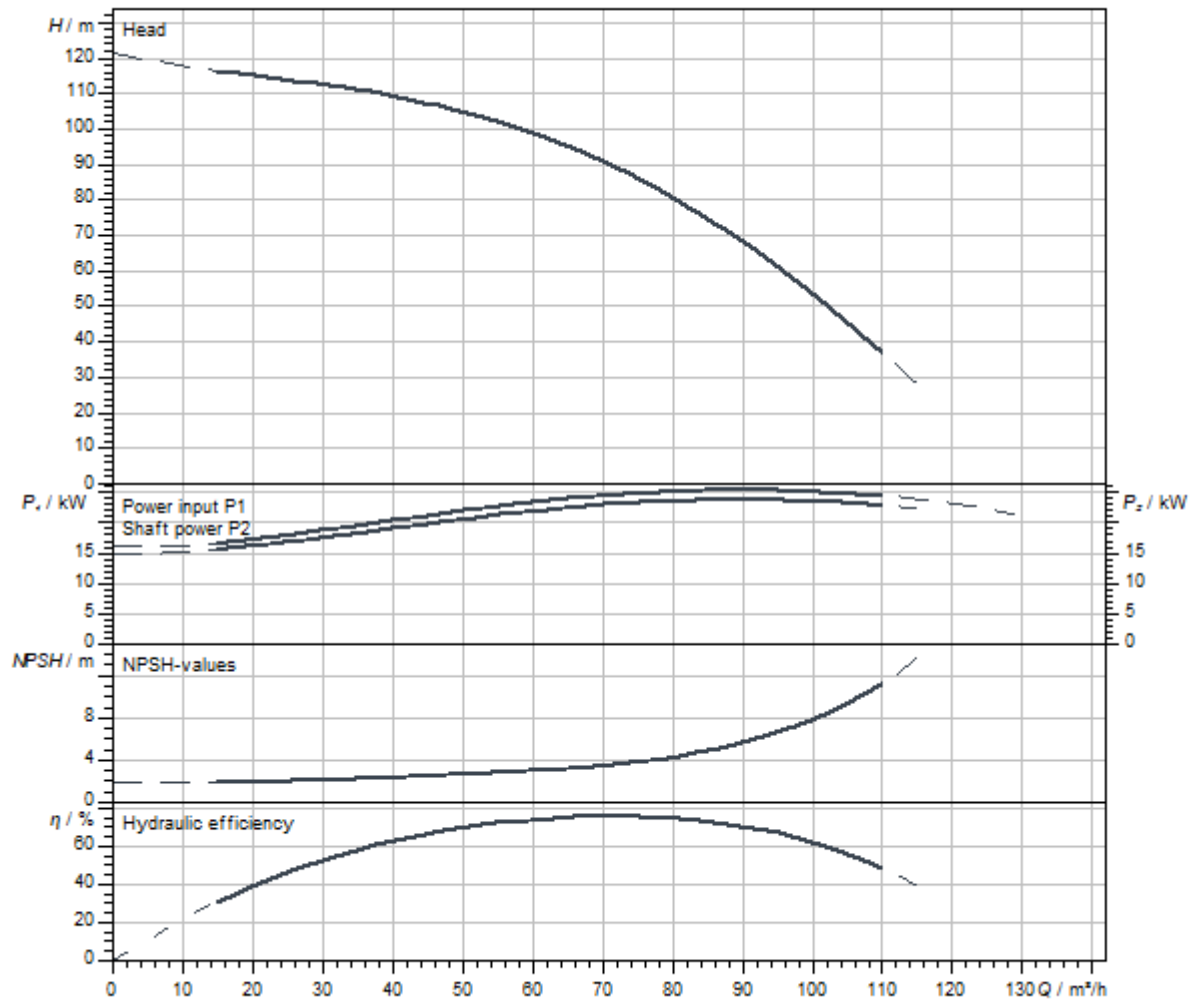
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7006 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	37 kW
Motor efficiency class	IE3
Rated current I_N	61.6 A
Rated speed n	2960 1/min
Power factor $\cos \varphi$	0.93
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	93.8 %
Motor efficiency η_M 75%	94.2 %
Motor efficiency η_M 100%	93.7 %
Insulation class	F
Protection class motor	IP55

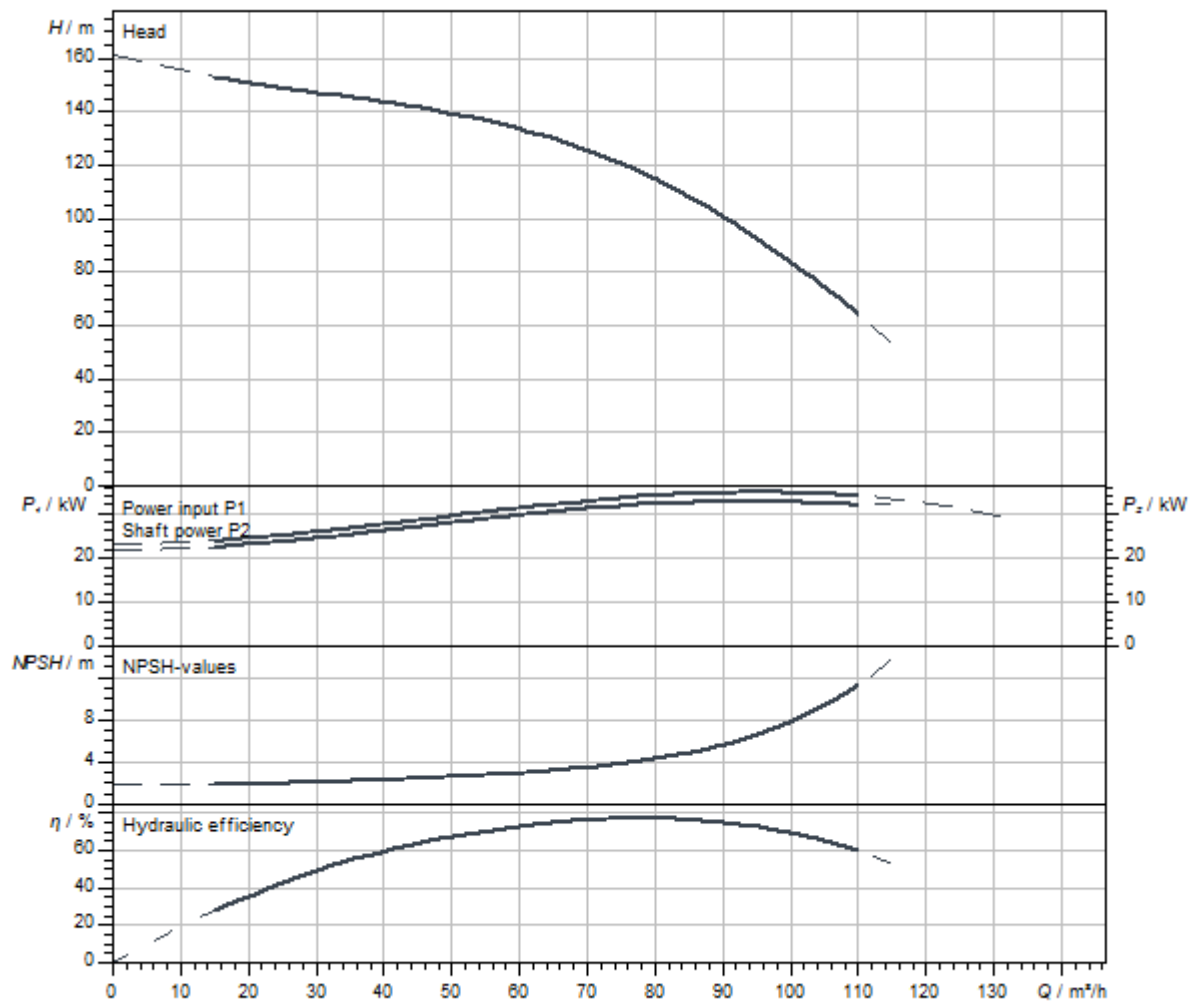
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7006/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	37 kW
Motor efficiency class	IE3
Rated current I_N	61.6 A
Rated speed n	2960 1/min
Power factor $\cos \varphi$	0.93
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	93.8 %
Motor efficiency η_M 75%	94.2 %
Motor efficiency η_M 100%	93.7 %
Insulation class	F
Protection class motor	IP55

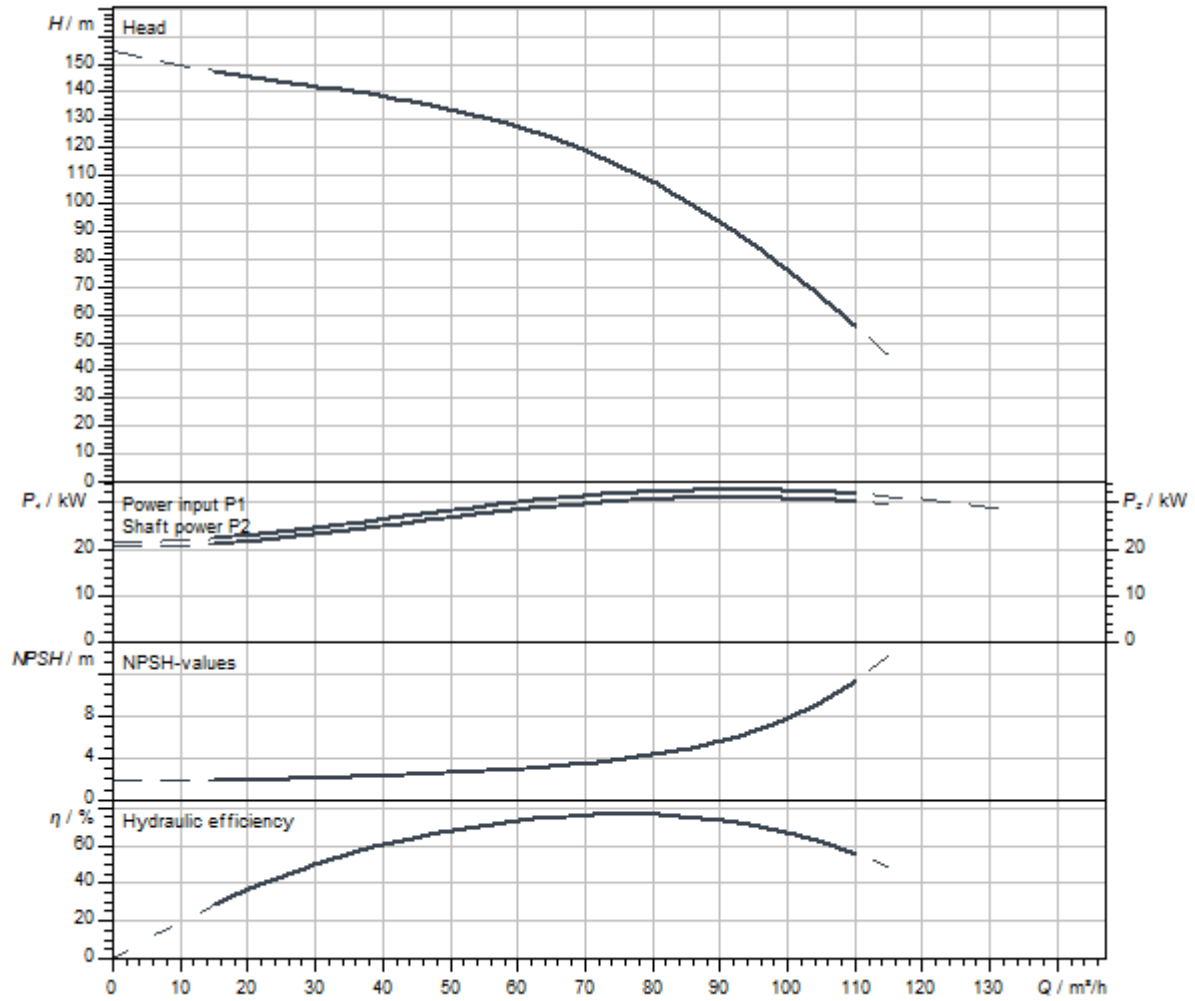
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7006/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

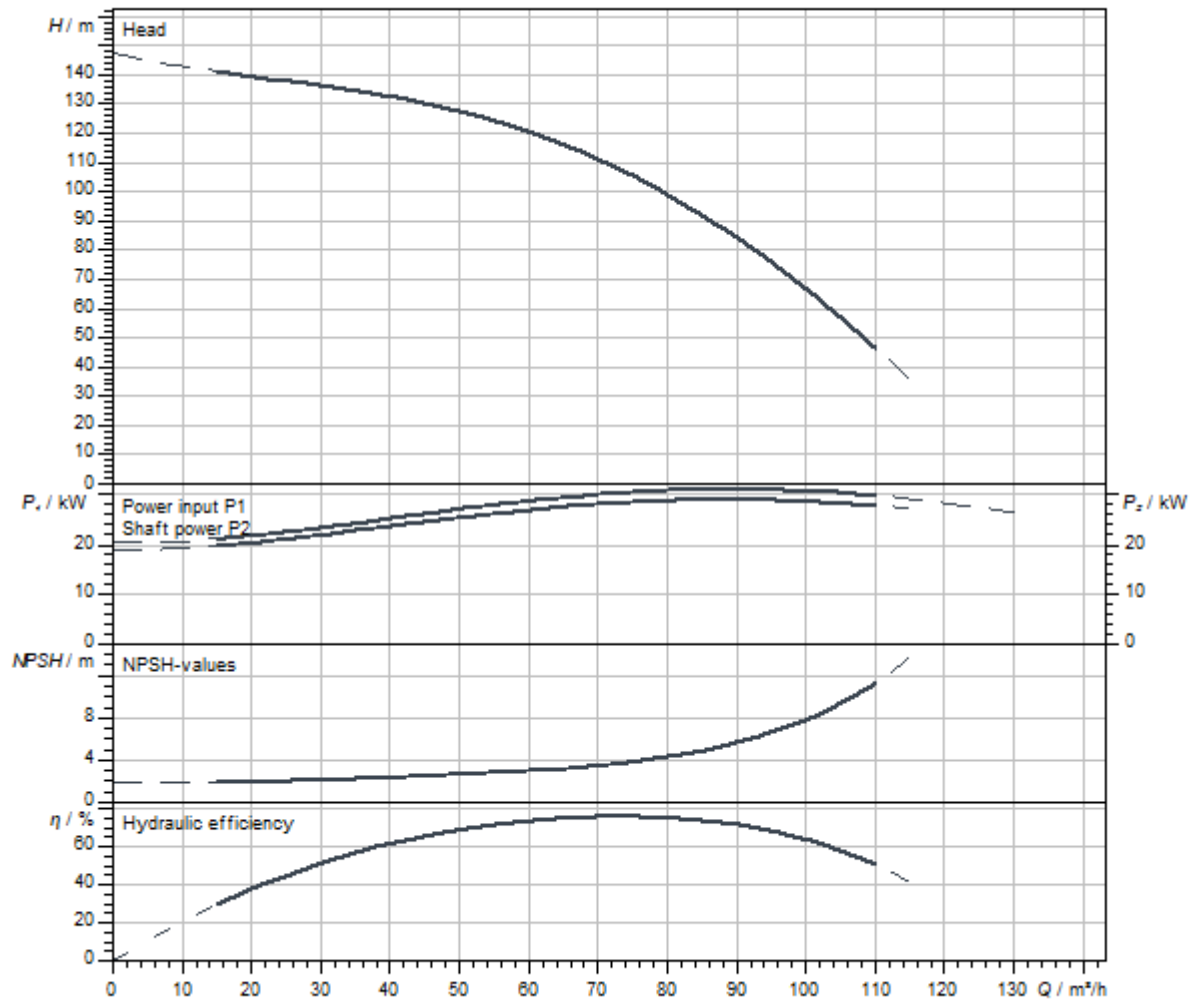
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7007/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	37 kW
Motor efficiency class	IE3
Rated current I_N	61.6 A
Rated speed n	2960 1/min
Power factor $\cos \varphi$	0.93
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	93.8 %
Motor efficiency η_M 75%	94.2 %
Motor efficiency η_M 100%	93.7 %
Insulation class	F
Protection class motor	IP55

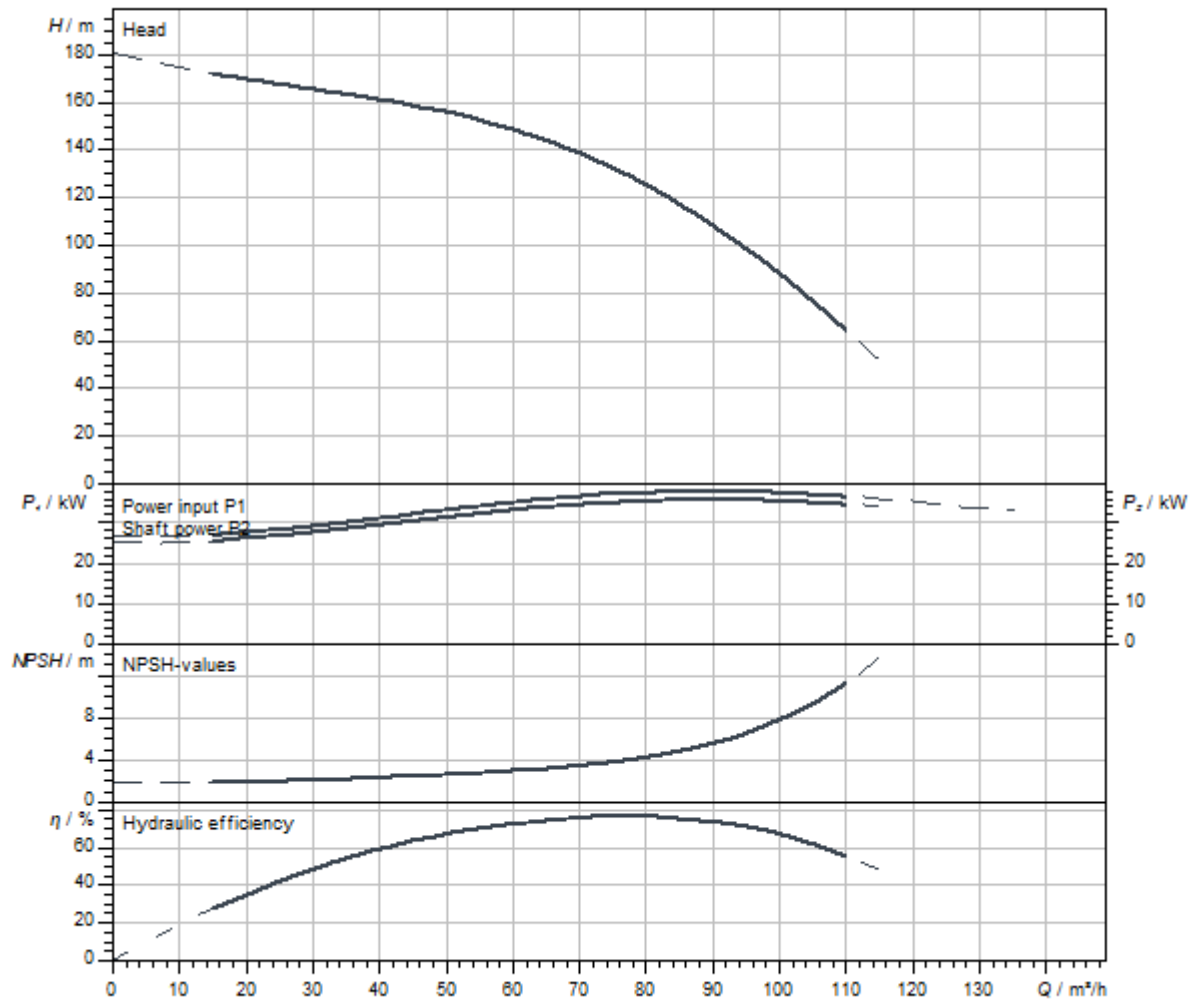
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 7007/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	37 kW
Motor efficiency class	IE3
Rated current I_N	61.6 A
Rated speed n	2960 1/min
Power factor $\cos \varphi$	0.93
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	93.8 %
Motor efficiency η_M 75%	94.2 %
Motor efficiency η_M 100%	93.7 %
Insulation class	F
Protection class motor	IP55

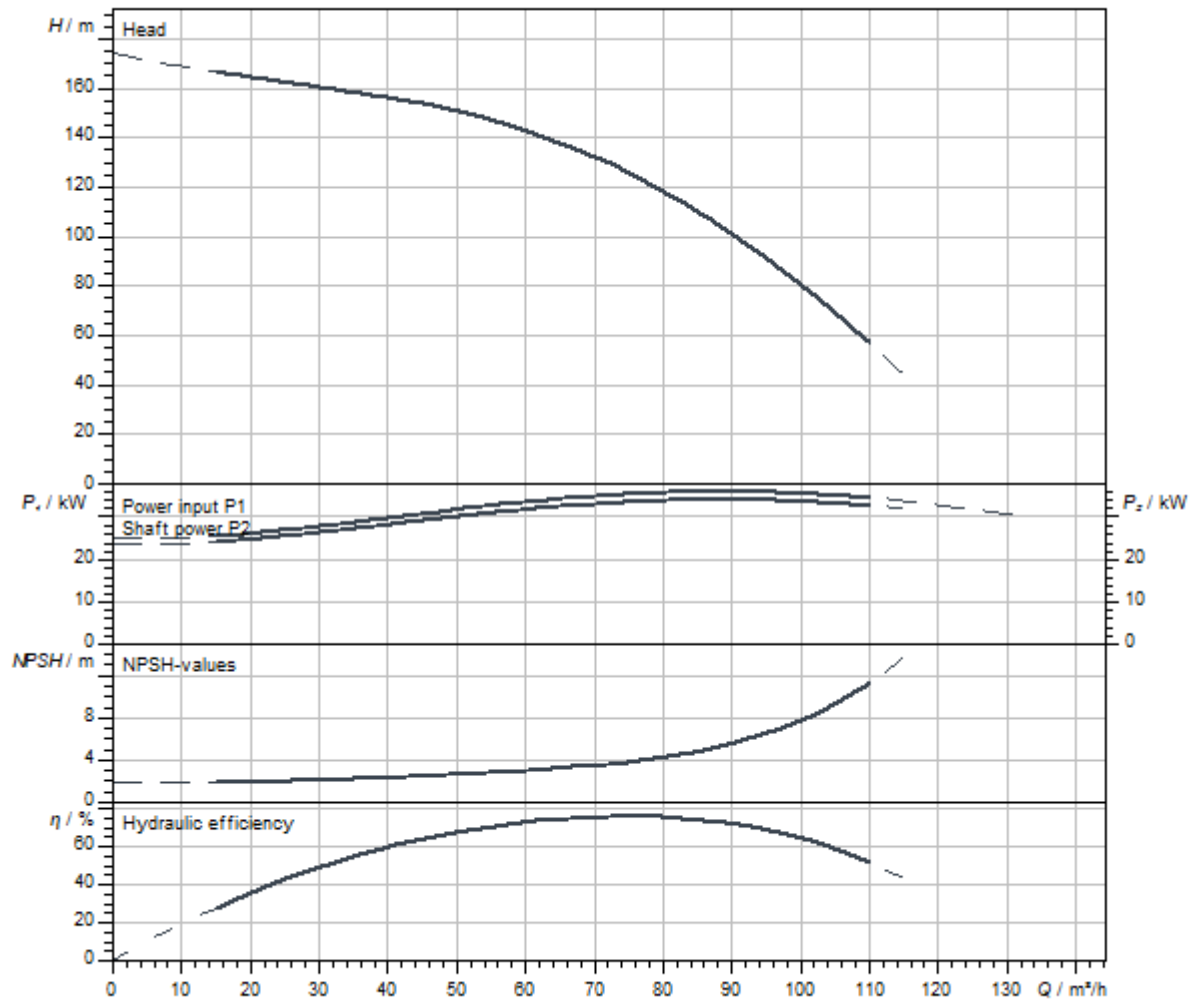
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9501 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	9 kW
Motor efficiency class	IE3
Rated current I_N	16.7 A
Rated speed n	2926 1/min
Power factor $\cos \varphi$	0.87
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	90.4 %
Motor efficiency η_M 75%	91 %
Motor efficiency η_M 100%	90.6 %
Insulation class	F
Protection class motor	IP55

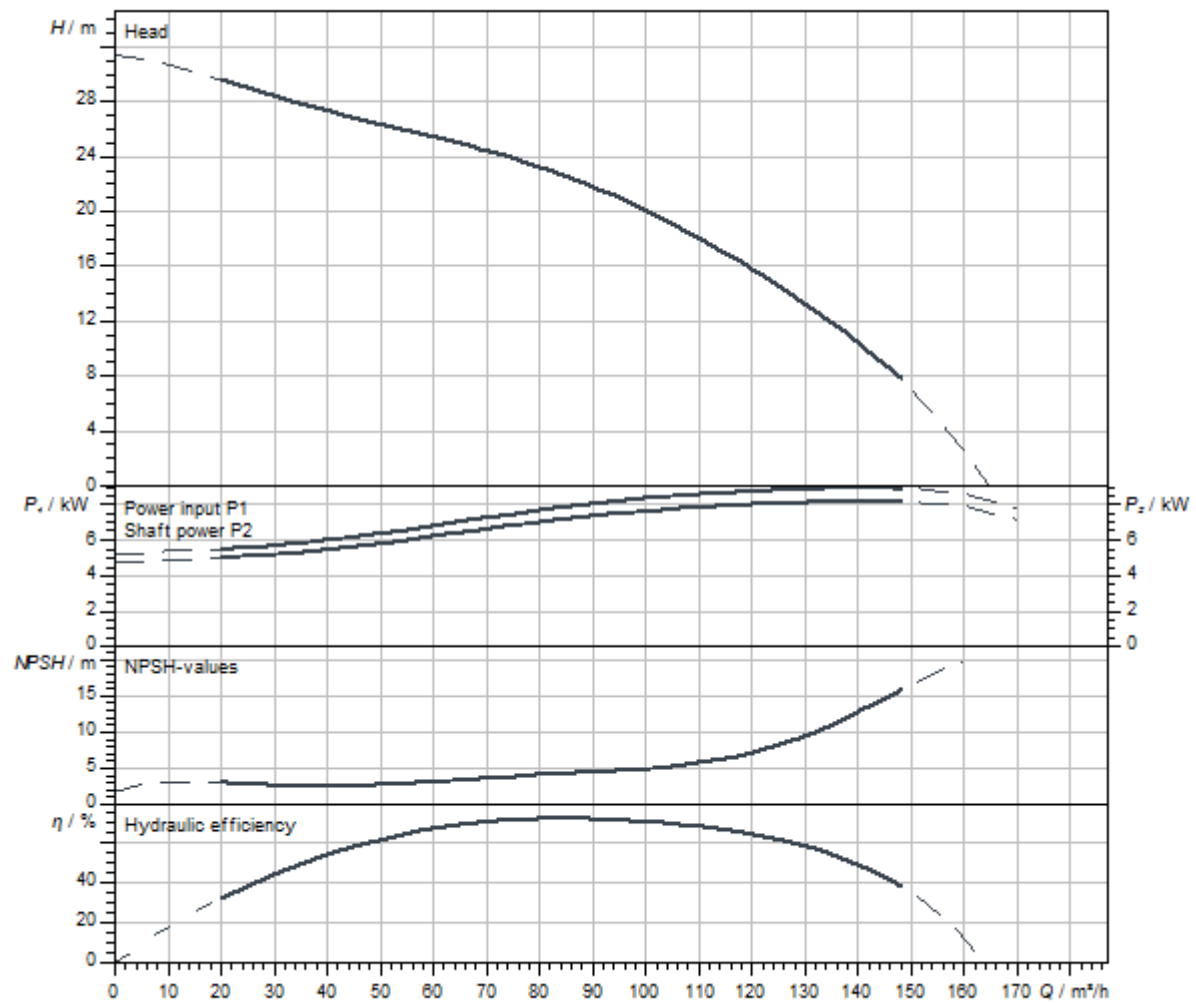
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9501 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	9 kW
Motor efficiency class	IE3
Rated current I_N	16.7 A
Rated speed n	2926 1/min
Power factor $\cos \varphi$	0.87
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	90.4 %
Motor efficiency η_M 75%	91 %
Motor efficiency η_M 100%	90.6 %
Insulation class	F
Protection class motor	IP55

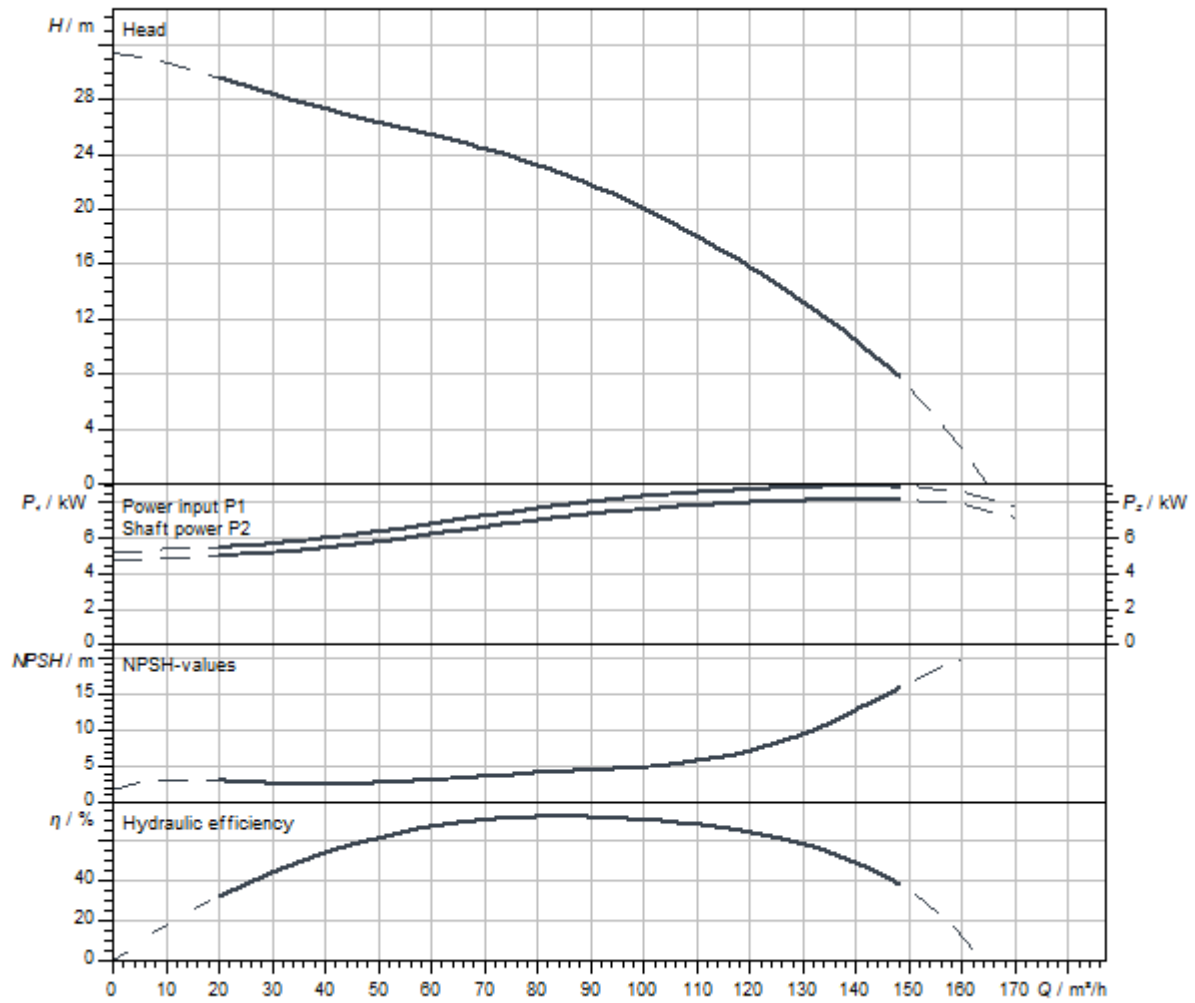
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9501/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	7.5 kW
Motor efficiency class	IE3
Rated current I_N	13.7 A
Rated speed n	2905 1/min
Power factor $\cos \varphi$	0.88
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	89.8 %
Motor efficiency η_M 75%	90.5 %
Motor efficiency η_M 100%	90.1 %
Insulation class	F
Protection class motor	IP55

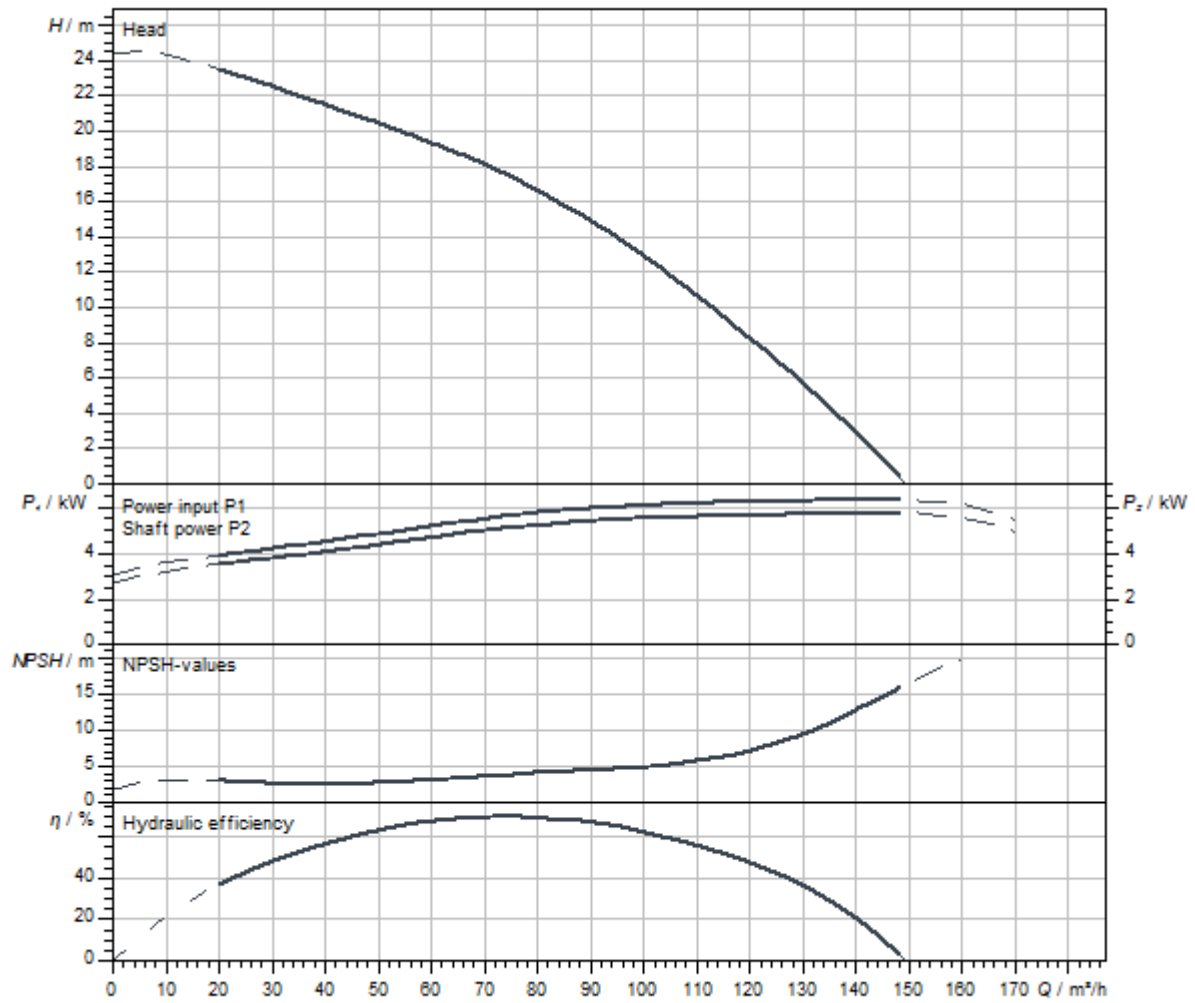
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9501/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	7.5 kW
Motor efficiency class	IE3
Rated current I_N	13.7 A
Rated speed n	2905 1/min
Power factor $\cos \varphi$	0.88
Activation type	Direct/Star-Delta
Motor efficiency η_M 50%	89.8 %
Motor efficiency η_M 75%	90.5 %
Motor efficiency η_M 100%	90.1 %
Insulation class	F
Protection class motor	IP55

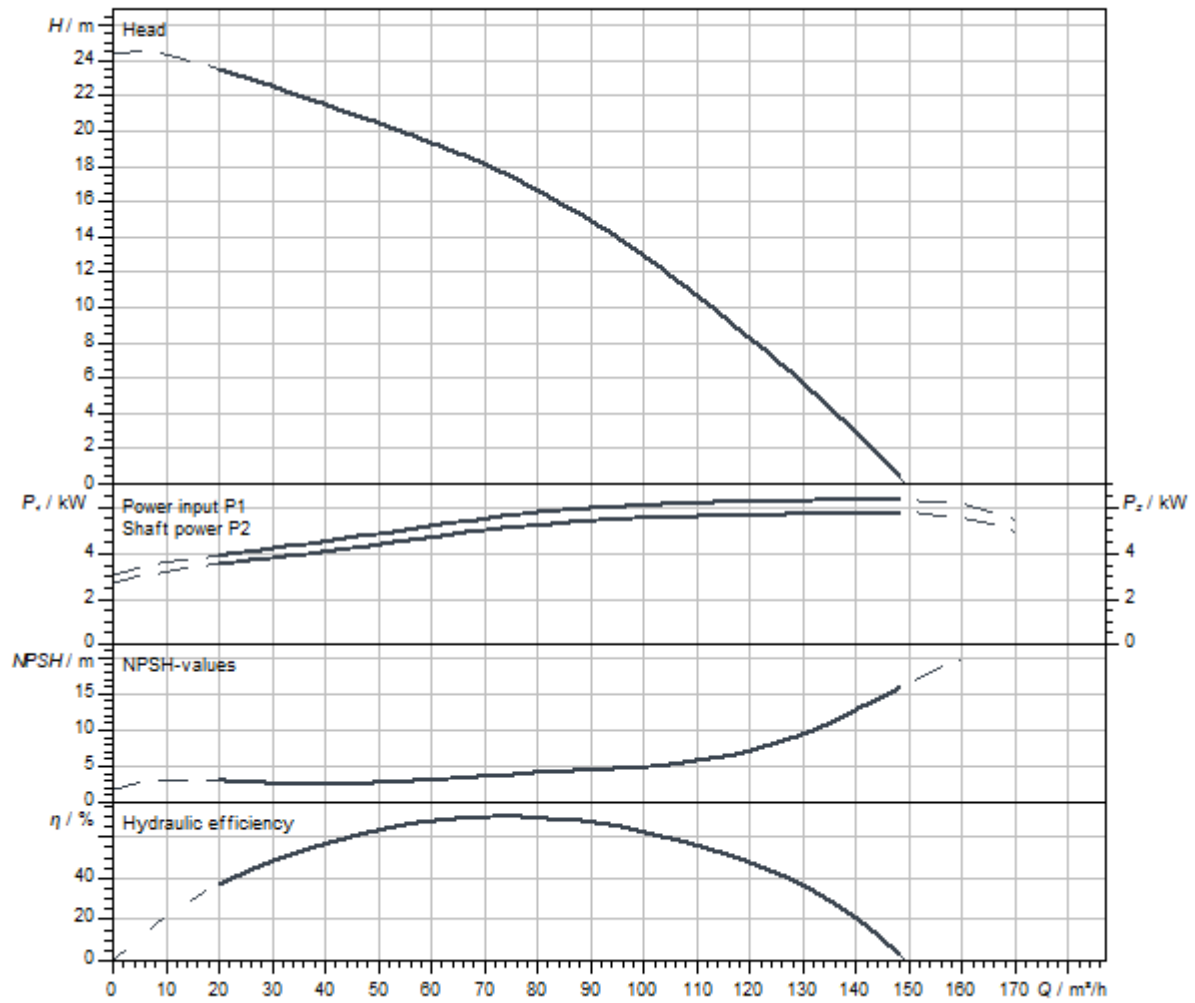
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9502 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	18.5 kW
Motor efficiency class	IE3
Rated current I_N	32.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.89
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	91.6 %
Motor efficiency η_M 75%	92.5 %
Motor efficiency η_M 100%	92.4 %
Insulation class	F
Protection class motor	IP55

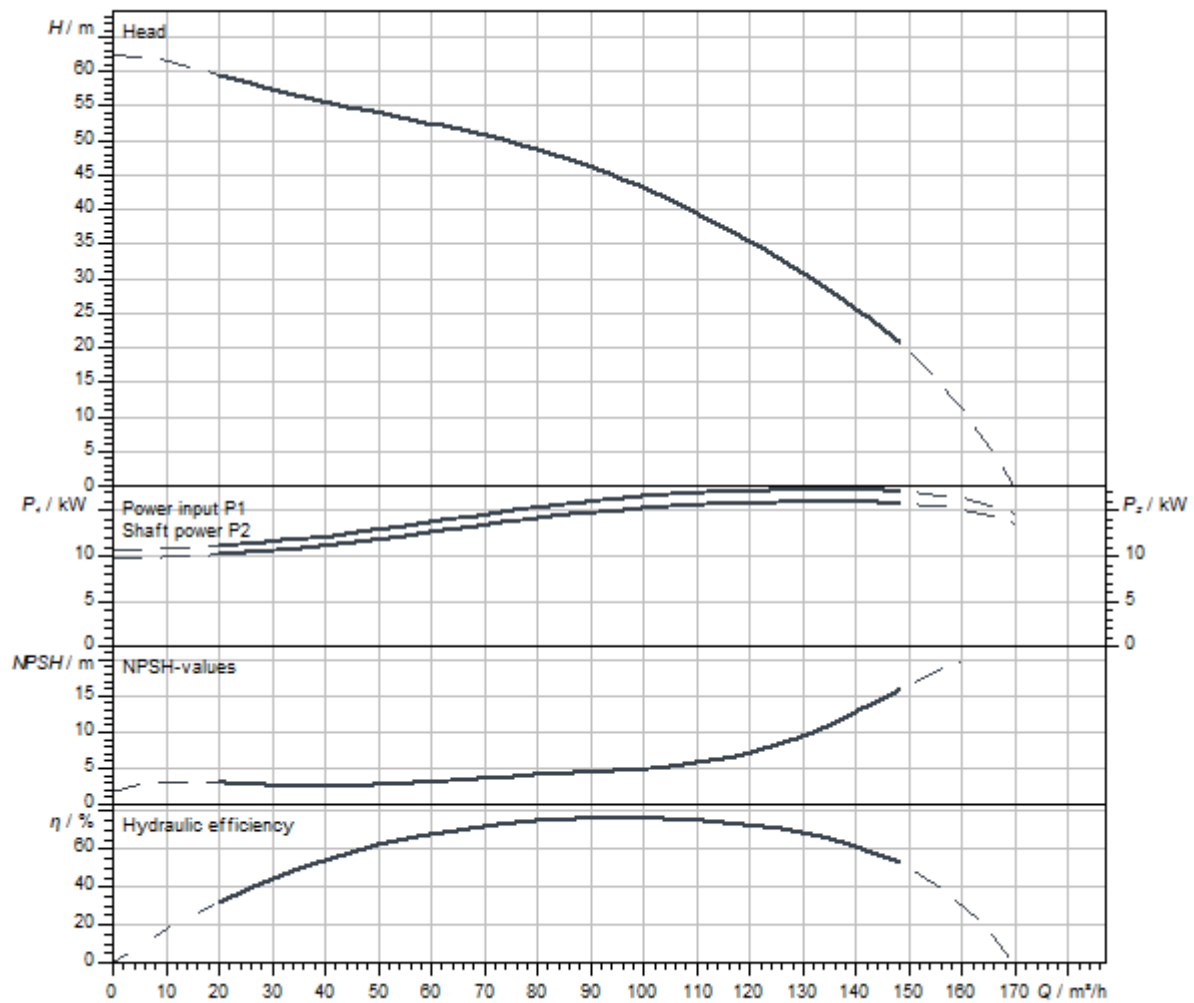
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9502 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	18.5 kW
Motor efficiency class	IE3
Rated current I_N	32.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.89
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	91.6 %
Motor efficiency η_M 75%	92.5 %
Motor efficiency η_M 100%	92.4 %
Insulation class	F
Protection class motor	IP55

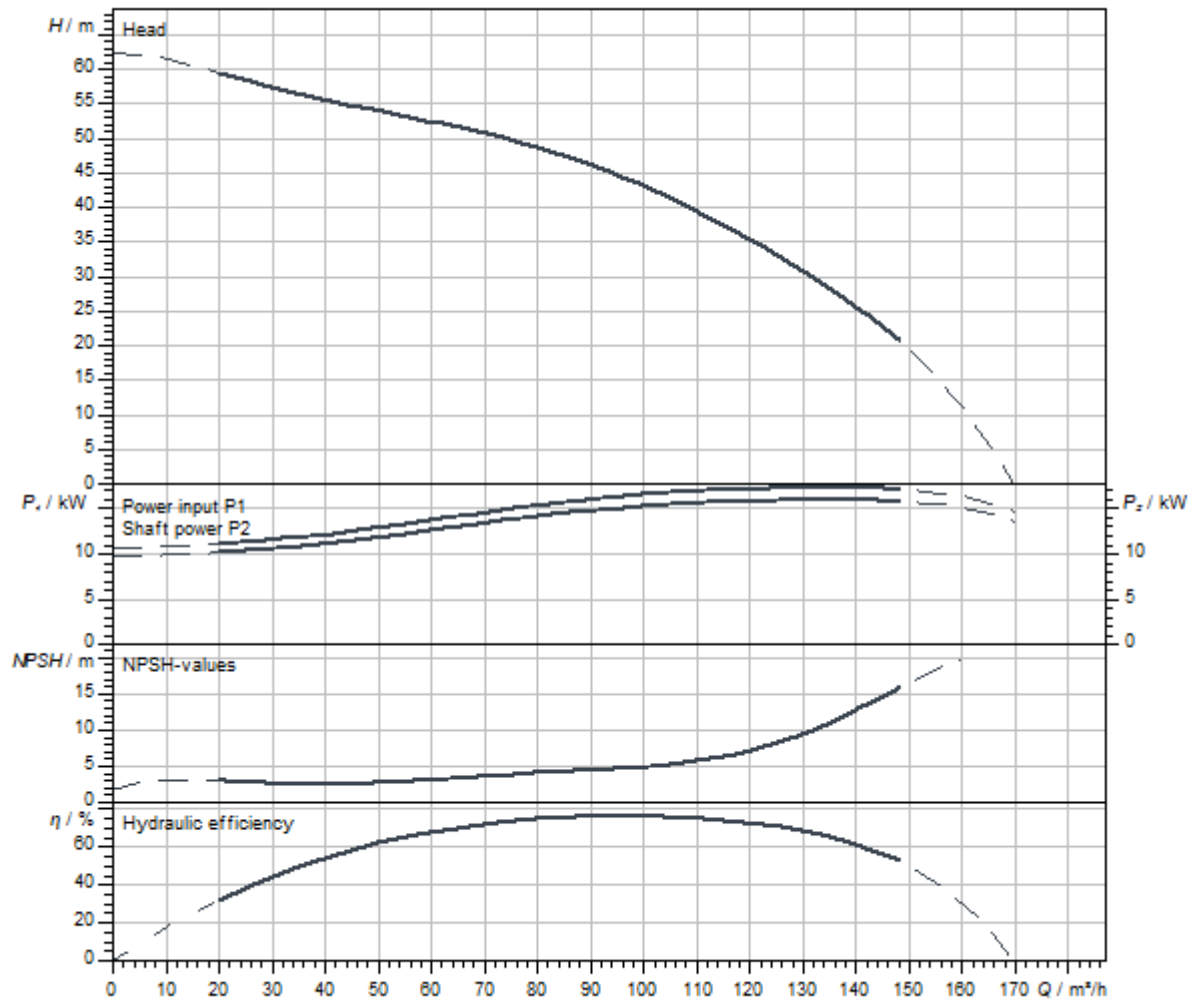
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9502/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	15 kW
Motor efficiency class	IE3
Rated current I_N	26.7 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.88
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	90.2 %
Motor efficiency η_M 75%	91.8 %
Motor efficiency η_M 100%	91.9 %
Insulation class	F
Protection class motor	IP55

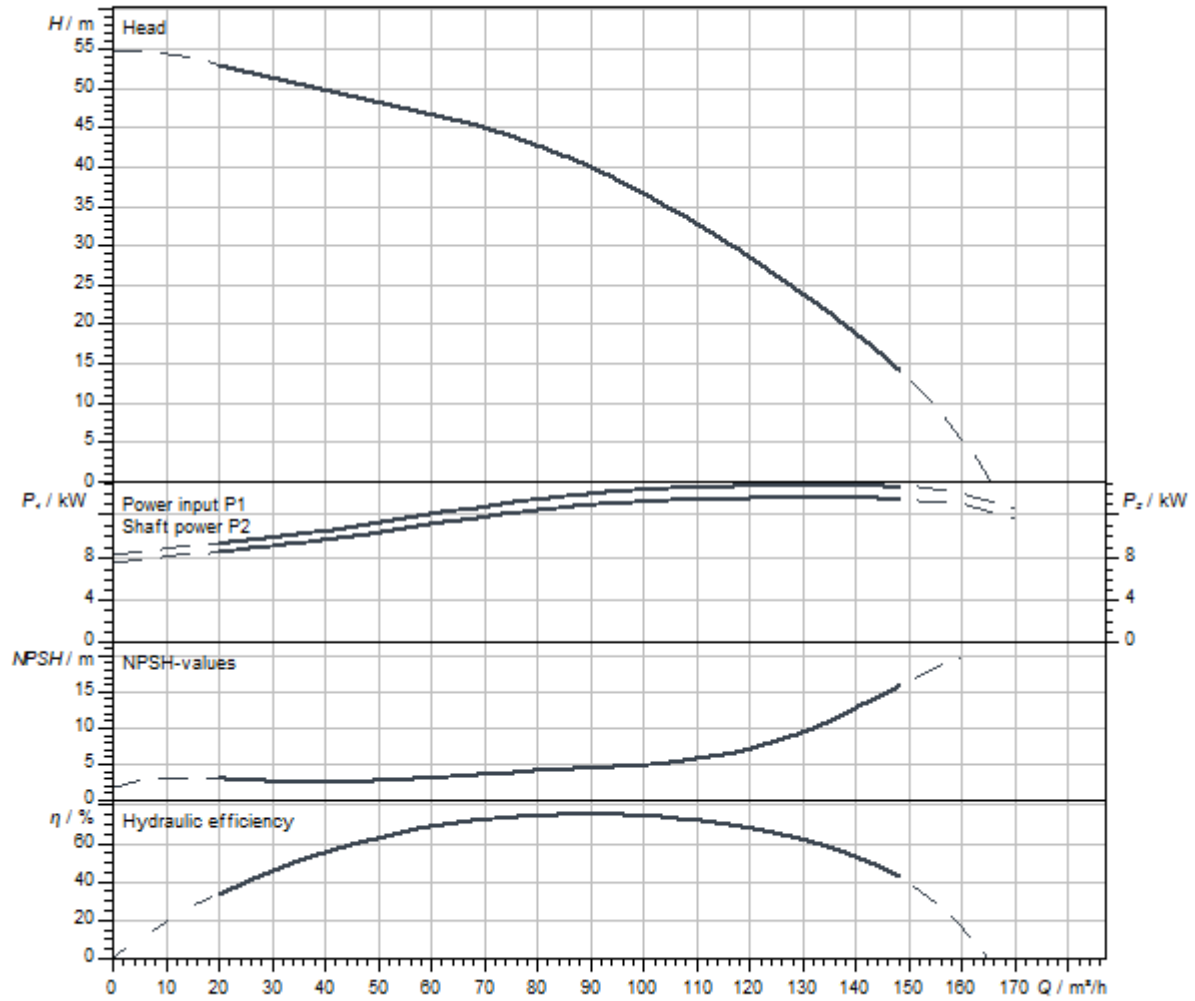
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9502/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	15 kW
Motor efficiency class	IE3
Rated current I_N	26.7 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.88
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	90.2 %
Motor efficiency η_M 75%	91.8 %
Motor efficiency η_M 100%	91.9 %
Insulation class	F
Protection class motor	IP55

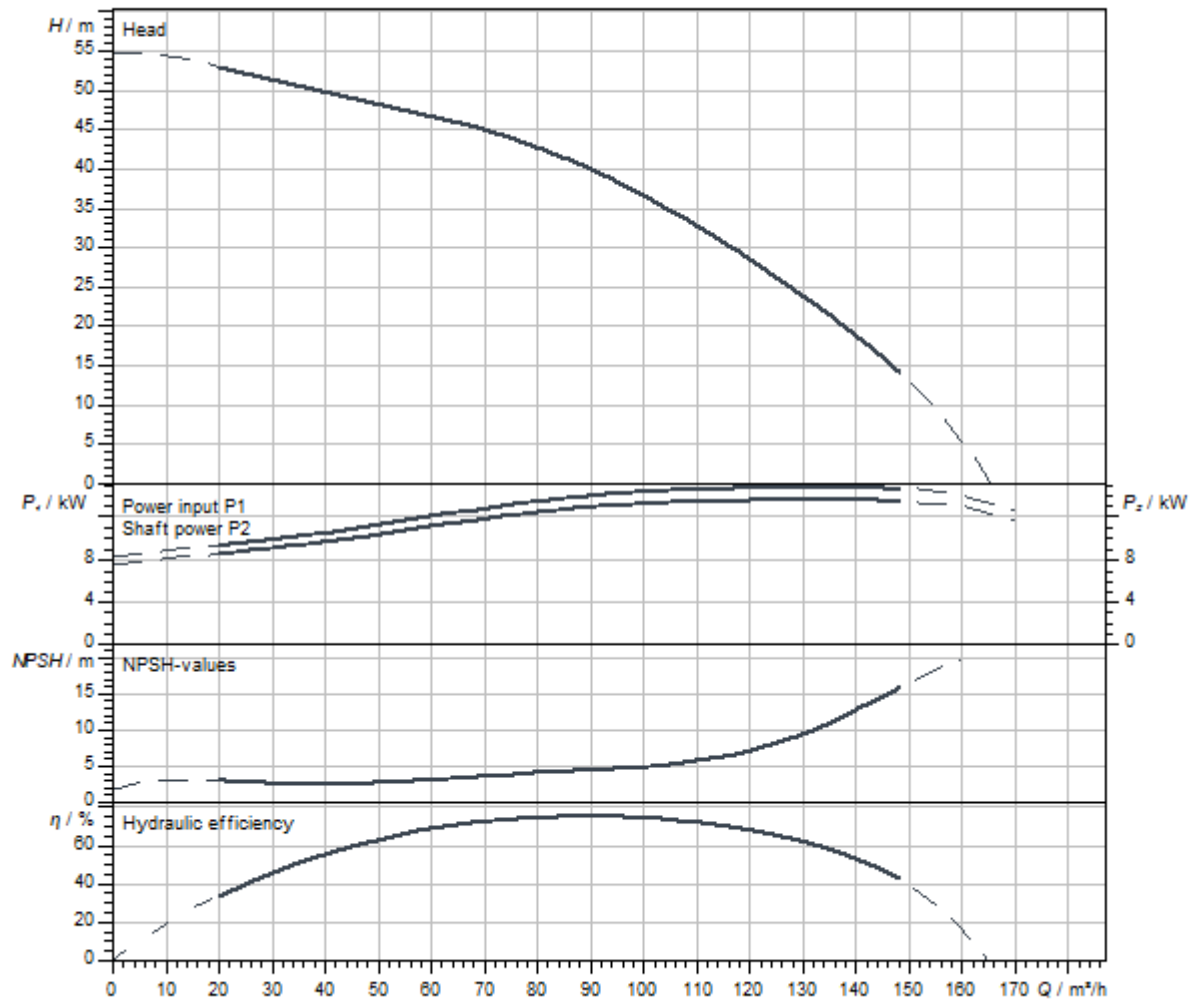
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9502/2 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	15 kW
Motor efficiency class	IE3
Rated current I_N	26.7 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.88
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	90.2 %
Motor efficiency η_M 75%	91.8 %
Motor efficiency η_M 100%	91.9 %
Insulation class	F
Protection class motor	IP55

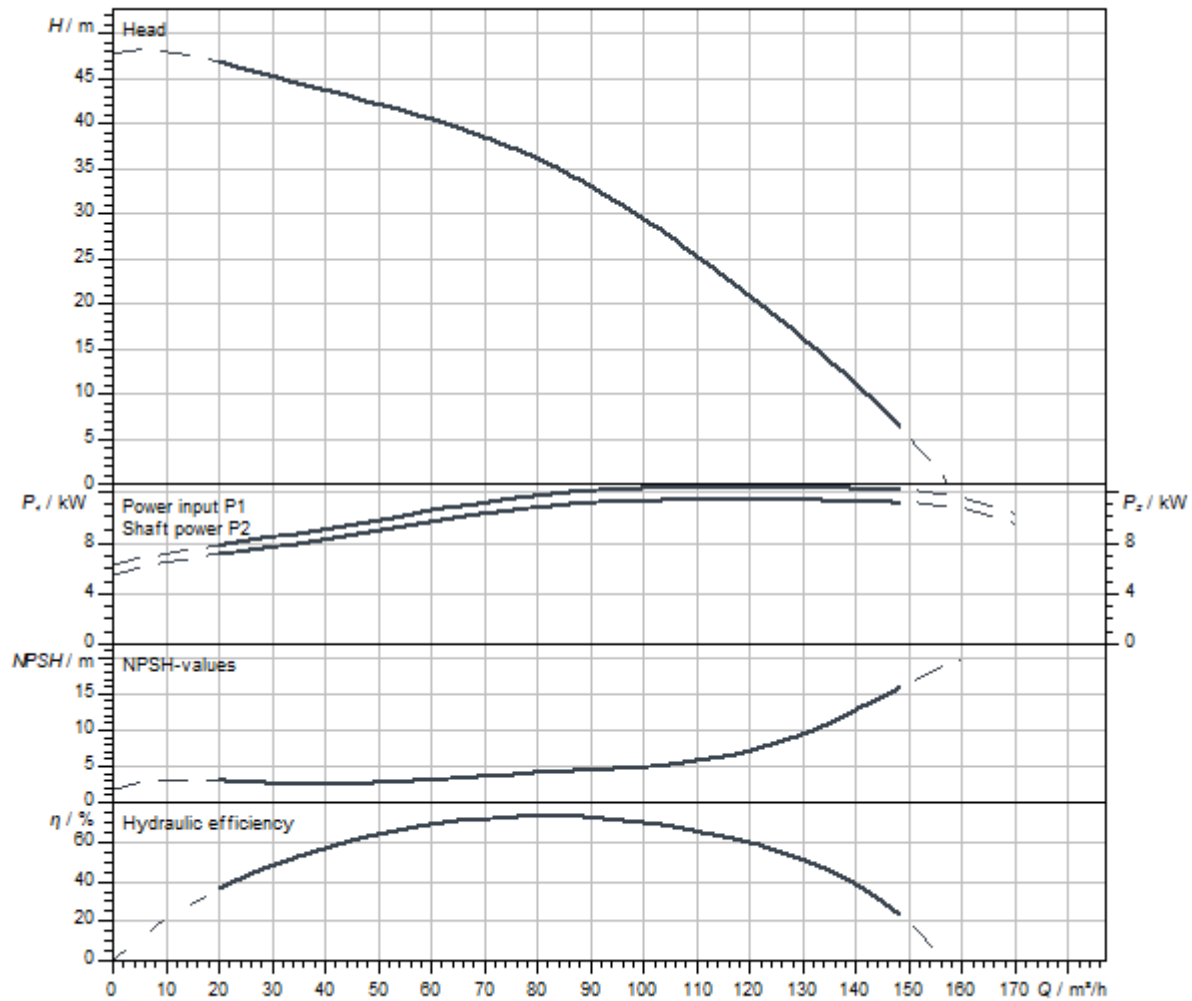
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9502/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	15 kW
Motor efficiency class	IE3
Rated current I_N	26.7 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.88
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	90.2 %
Motor efficiency η_M 75%	91.8 %
Motor efficiency η_M 100%	91.9 %
Insulation class	F
Protection class motor	IP55

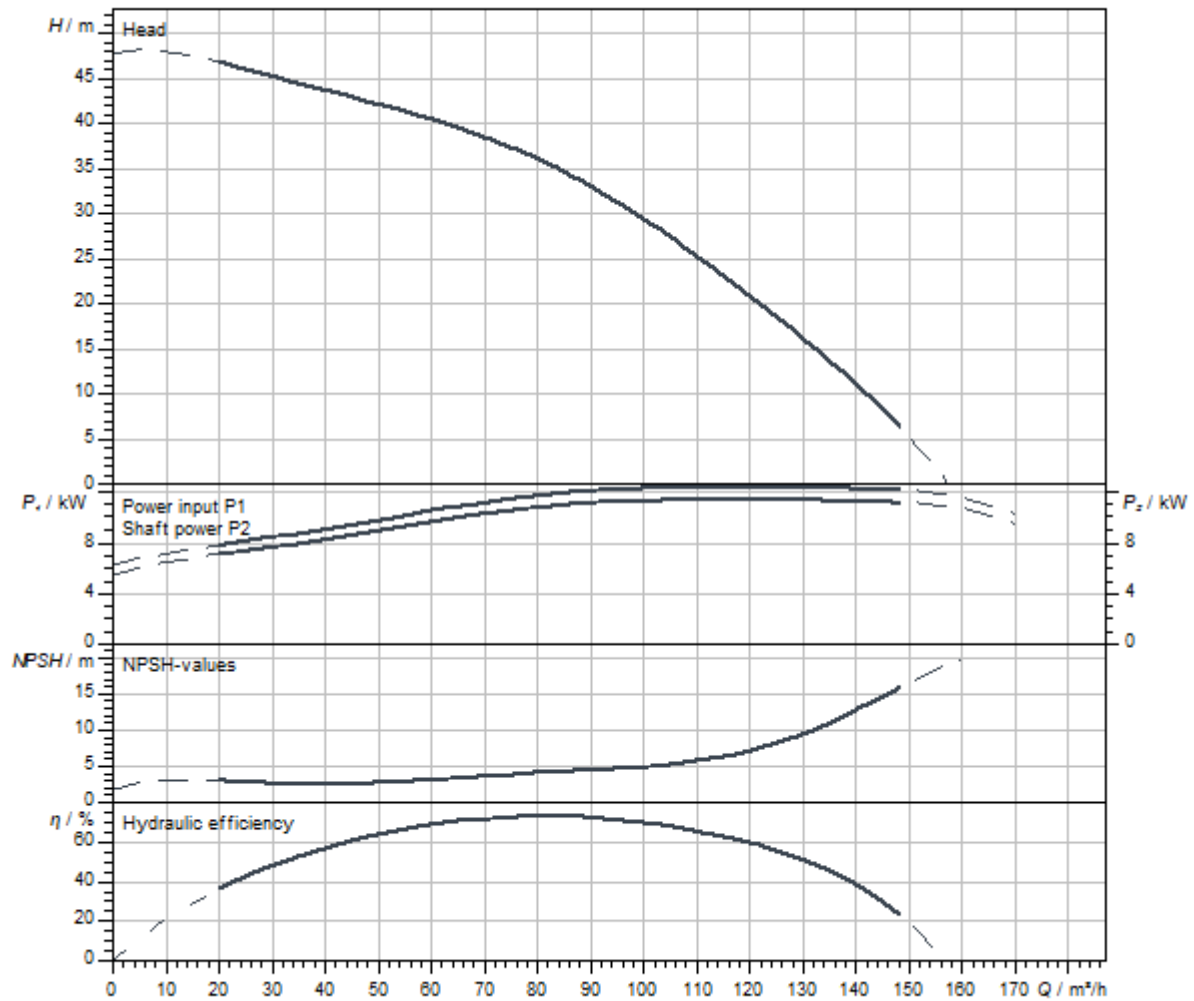
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9503 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

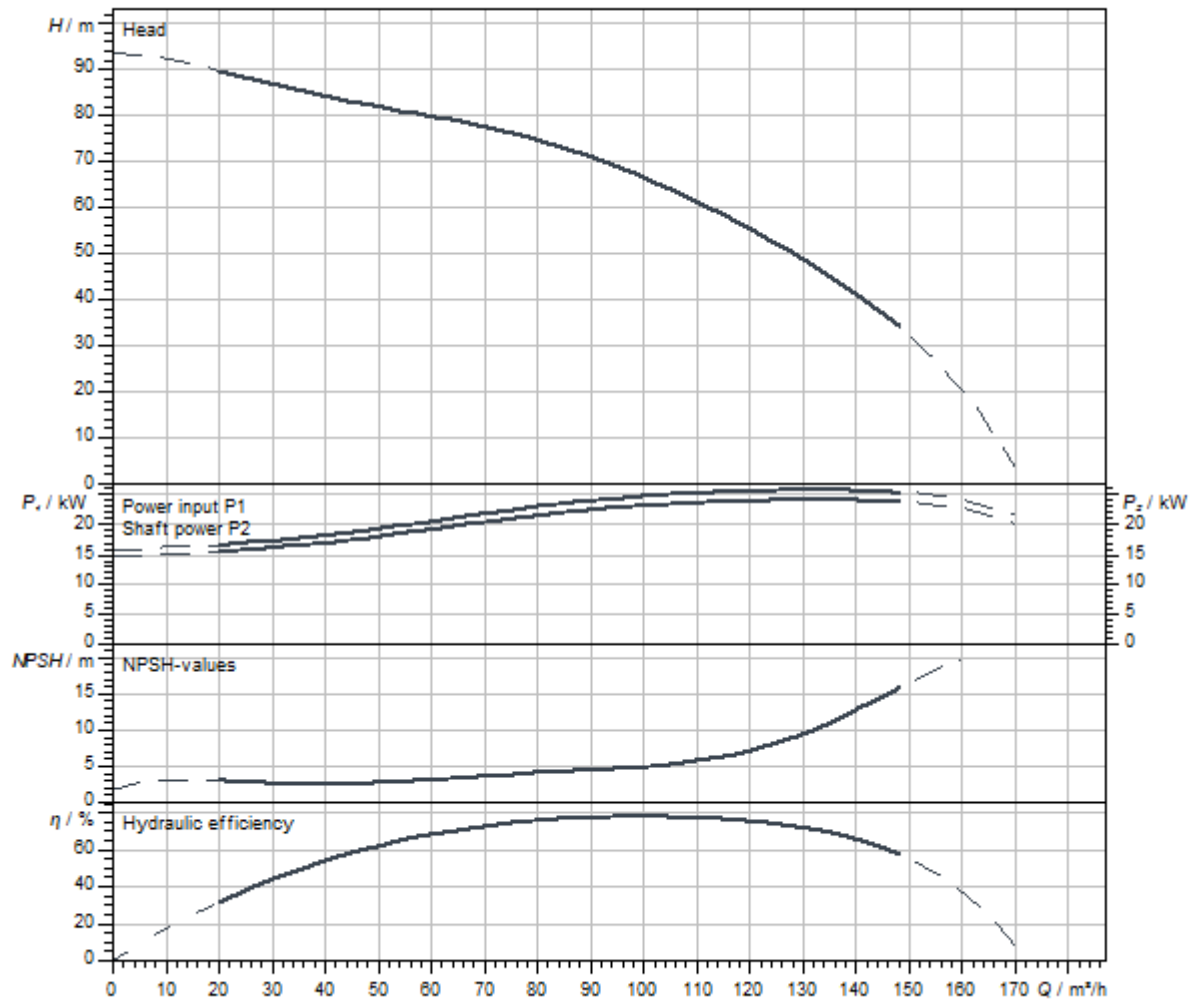
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9503 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

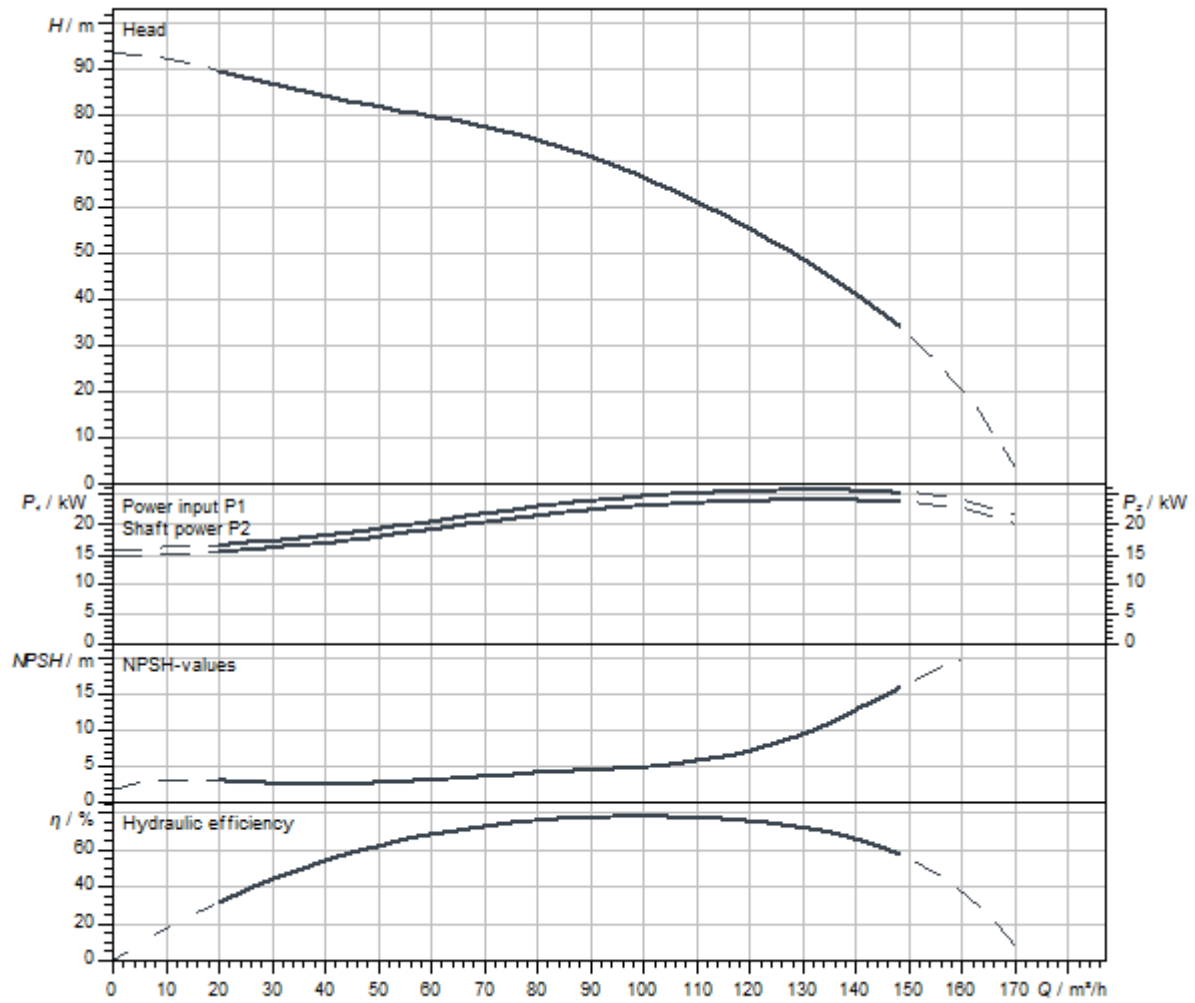
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9503/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	22 kW
Motor efficiency class	IE3
Rated current I_N	39.1 A
Rated speed n	2940 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.7 %
Motor efficiency η_M 75%	92.7 %
Motor efficiency η_M 100%	92.7 %
Insulation class	F
Protection class motor	IP55

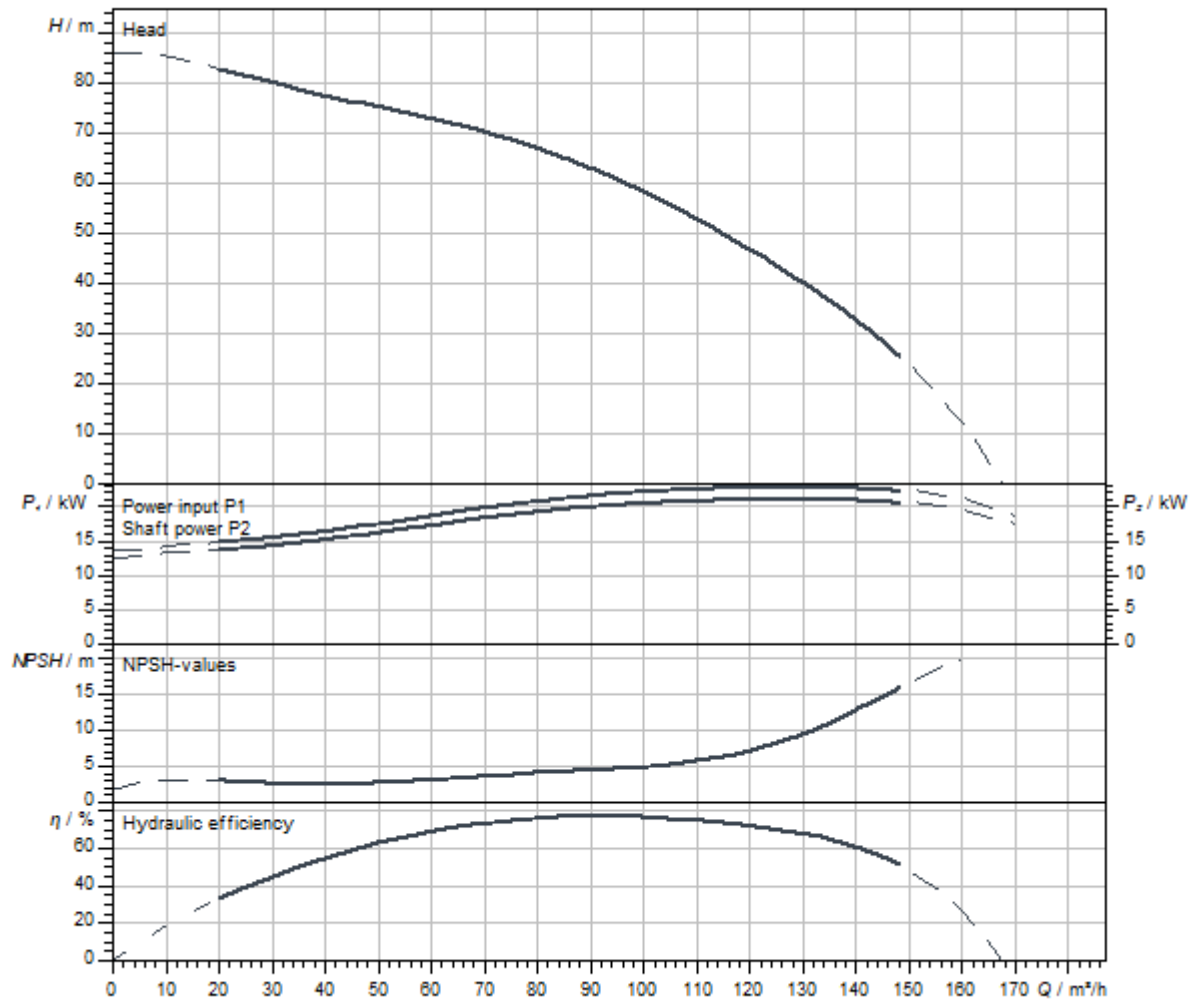
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9503/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	22 kW
Motor efficiency class	IE3
Rated current I_N	39.1 A
Rated speed n	2940 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.7 %
Motor efficiency η_M 75%	92.7 %
Motor efficiency η_M 100%	92.7 %
Insulation class	F
Protection class motor	IP55

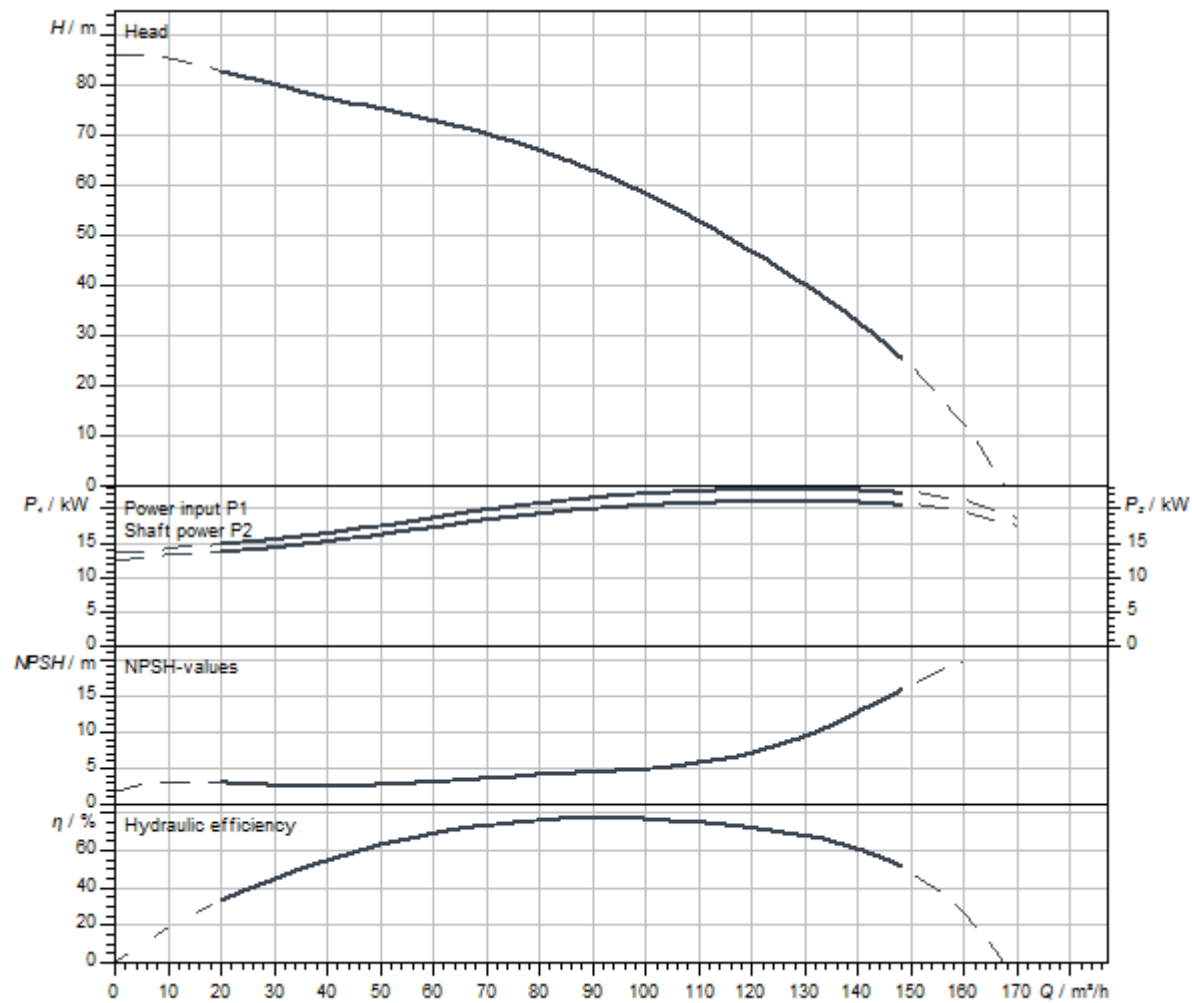
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9503/2 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	22 kW
Motor efficiency class	IE3
Rated current I_N	39.1 A
Rated speed n	2940 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.7 %
Motor efficiency η_M 75%	92.7 %
Motor efficiency η_M 100%	92.7 %
Insulation class	F
Protection class motor	IP55

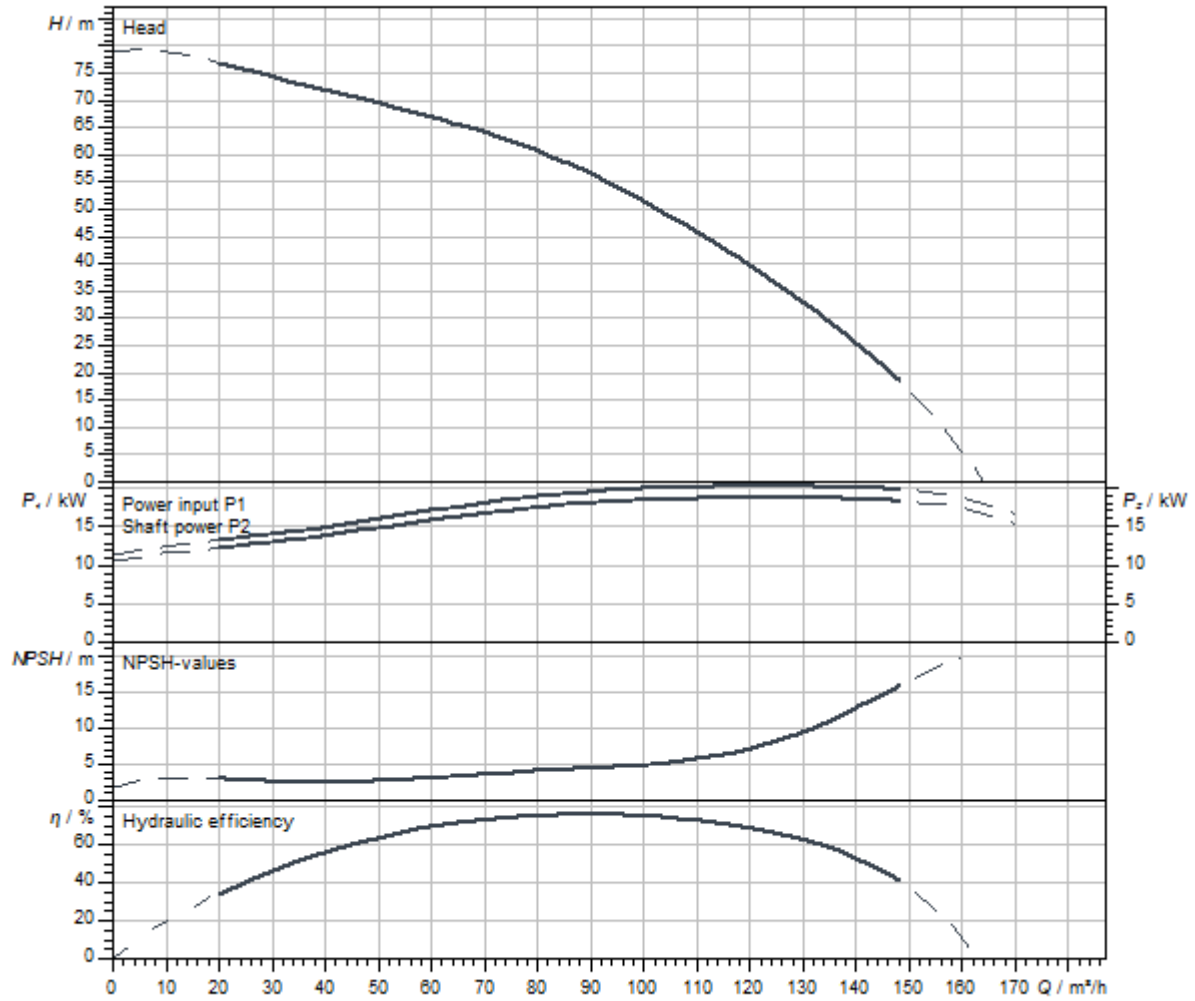
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9503/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	22 kW
Motor efficiency class	IE3
Rated current I_N	39.1 A
Rated speed n	2940 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.7 %
Motor efficiency η_M 75%	92.7 %
Motor efficiency η_M 100%	92.7 %
Insulation class	F
Protection class motor	IP55

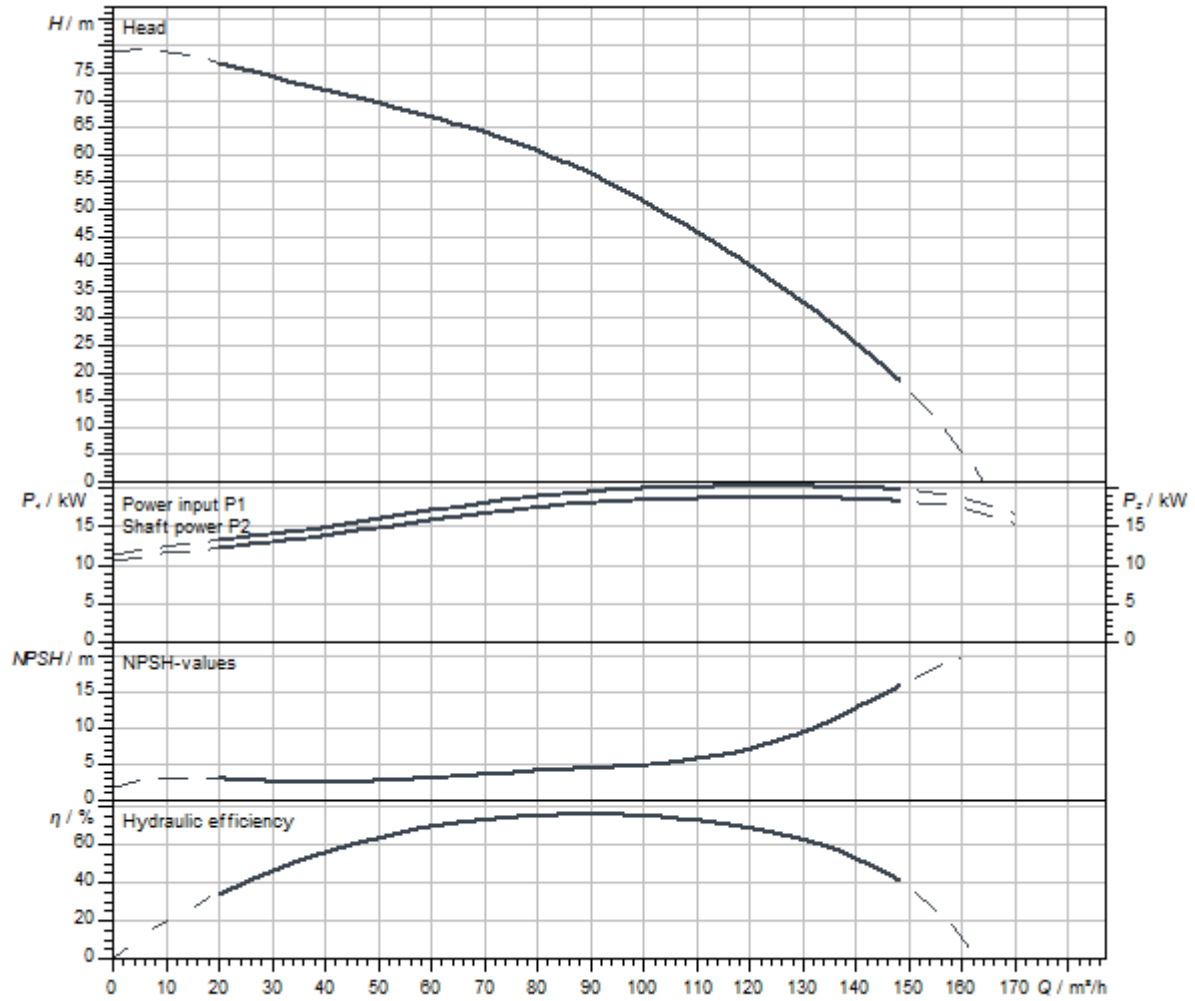
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9504 (3~400V, EPDM, PN 16)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	37 kW
Motor efficiency class	IE3
Rated current I_N	61.6 A
Rated speed n	2960 1/min
Power factor $\cos \varphi$	0.93
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	93.8 %
Motor efficiency η_M 75%	94.2 %
Motor efficiency η_M 100%	93.7 %
Insulation class	F
Protection class motor	IP55

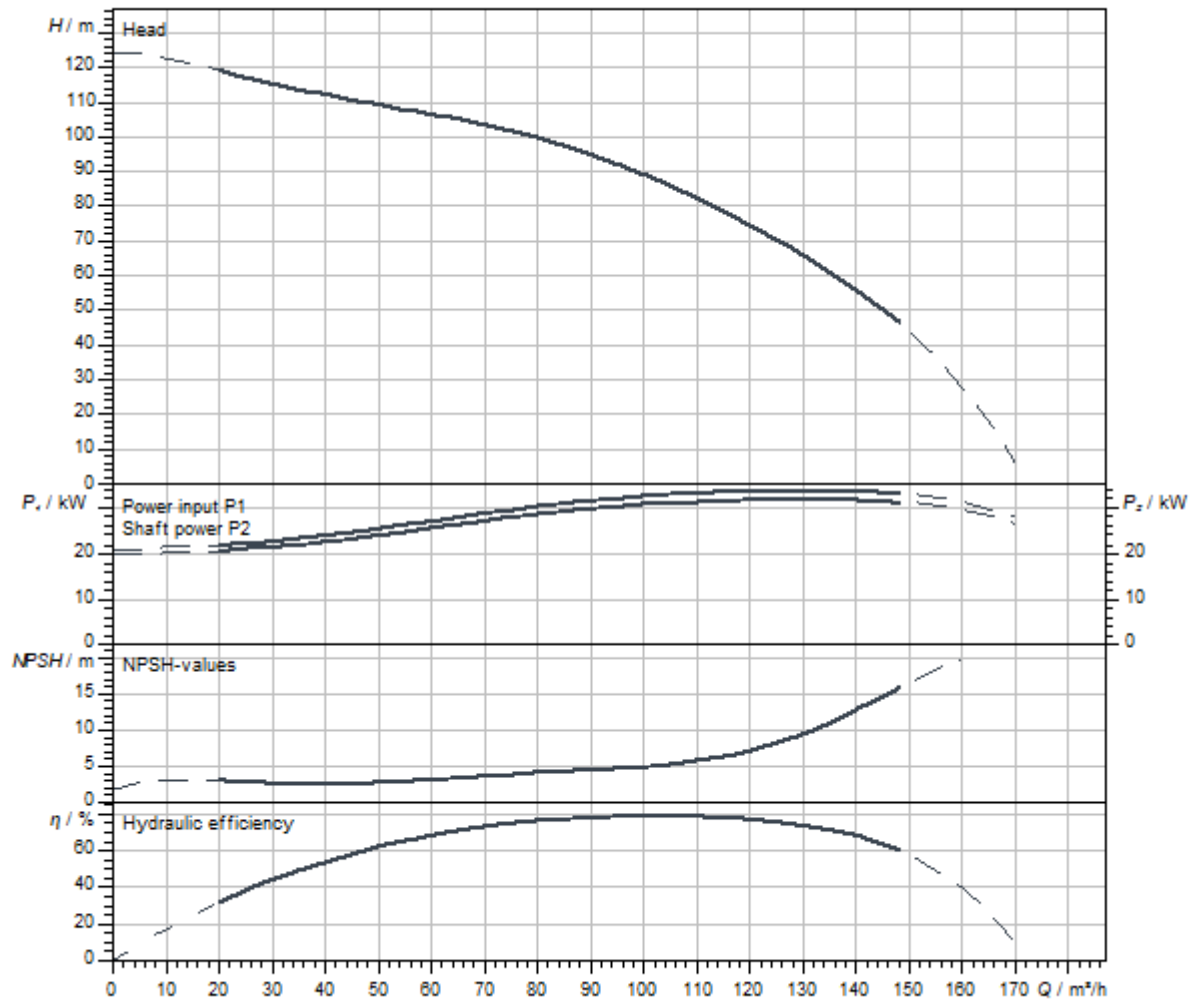
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9504 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	37 kW
Motor efficiency class	IE3
Rated current I_N	61.6 A
Rated speed n	2960 1/min
Power factor $\cos \varphi$	0.93
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	93.8 %
Motor efficiency η_M 75%	94.2 %
Motor efficiency η_M 100%	93.7 %
Insulation class	F
Protection class motor	IP55

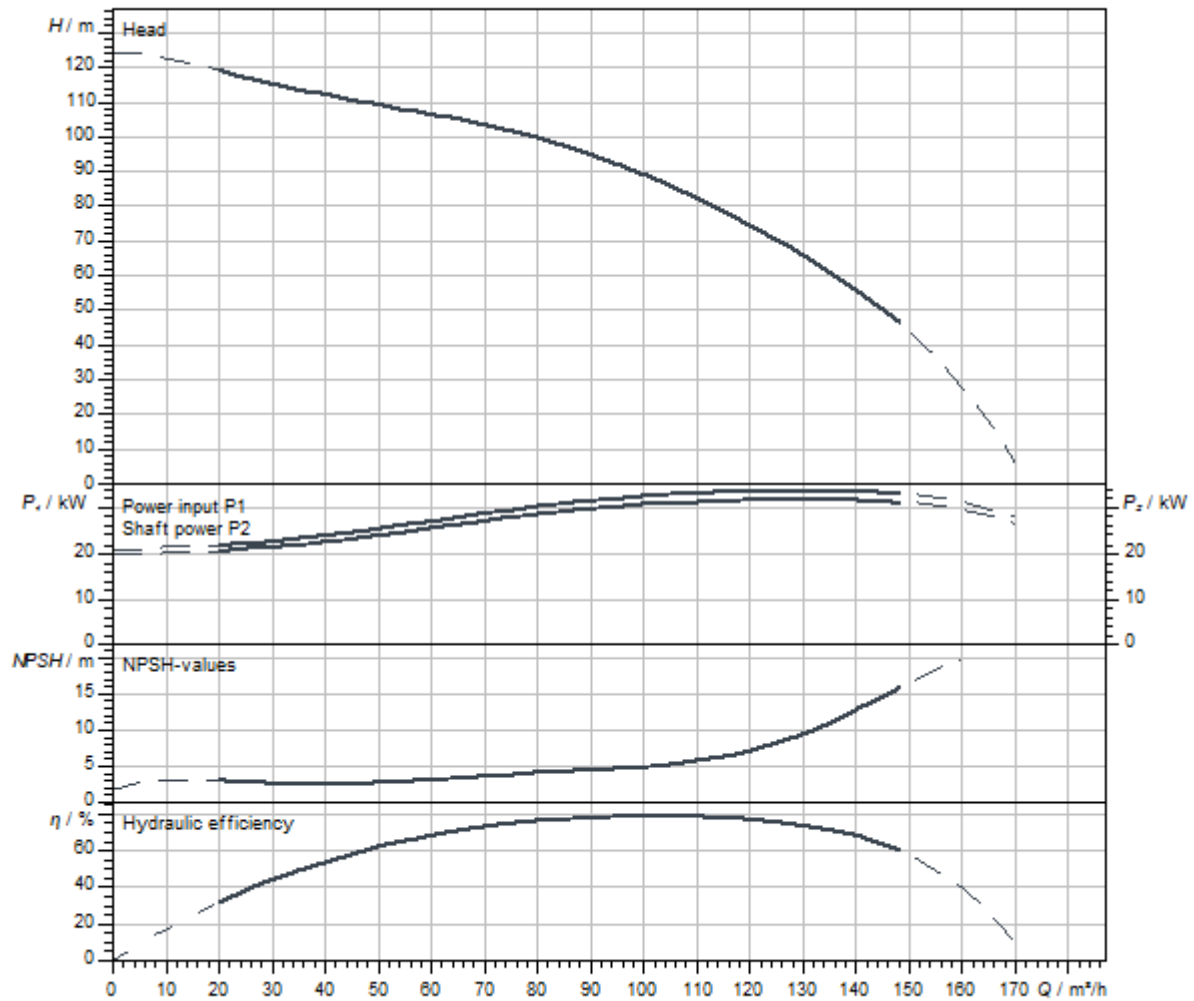
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9504/1 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

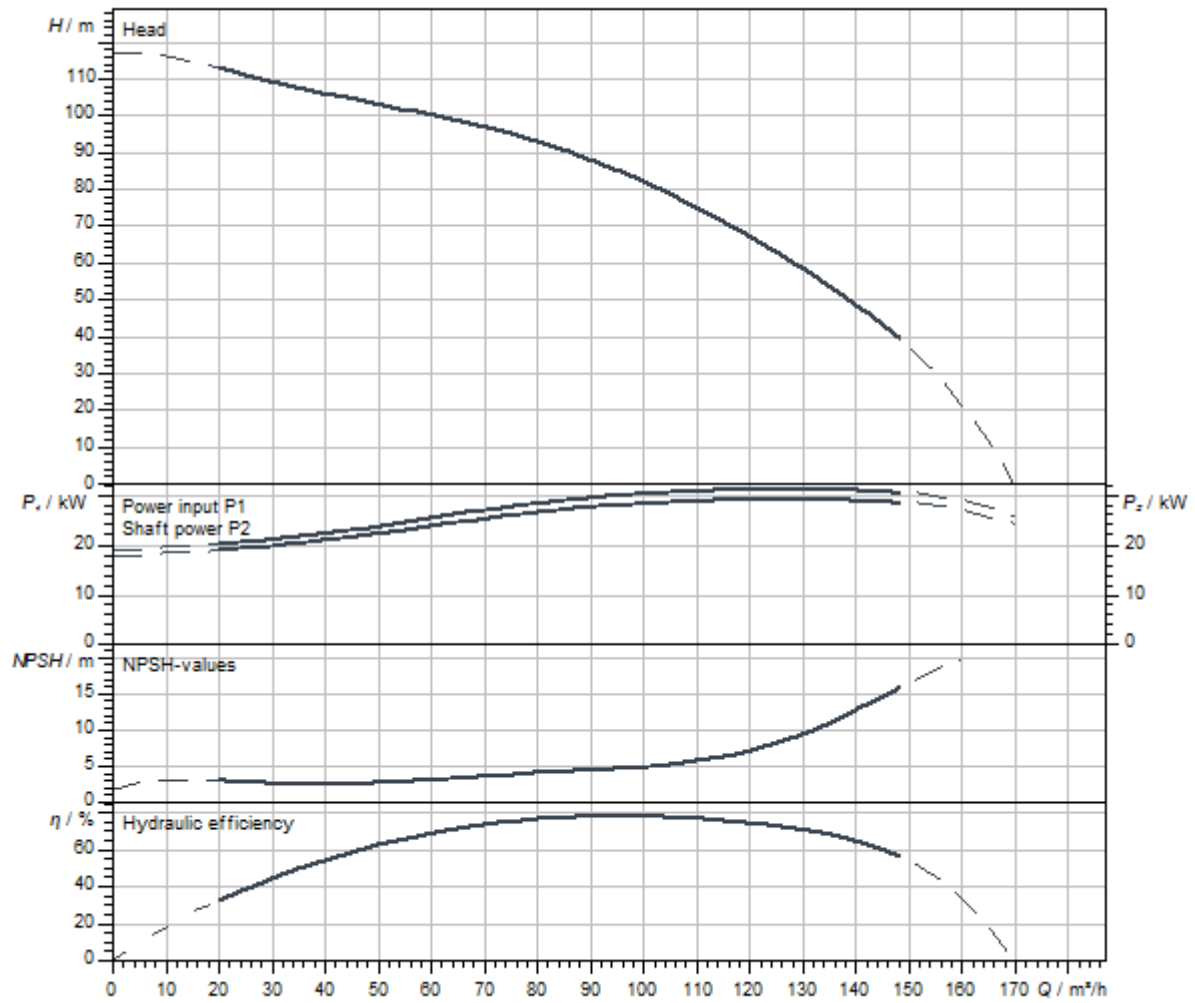
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9504/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

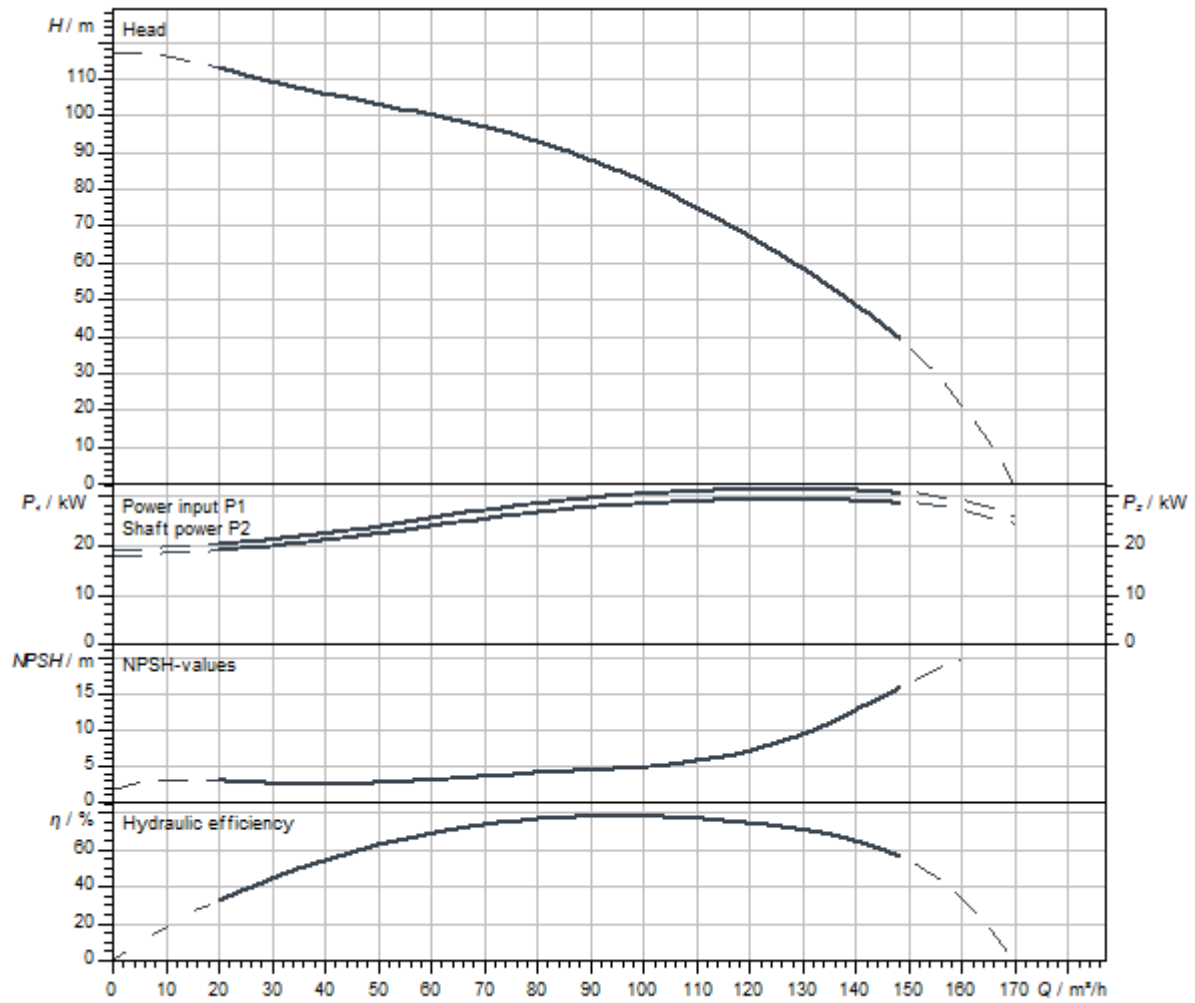
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9504/2 (3~400V, EPDM, PN 16)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	16 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

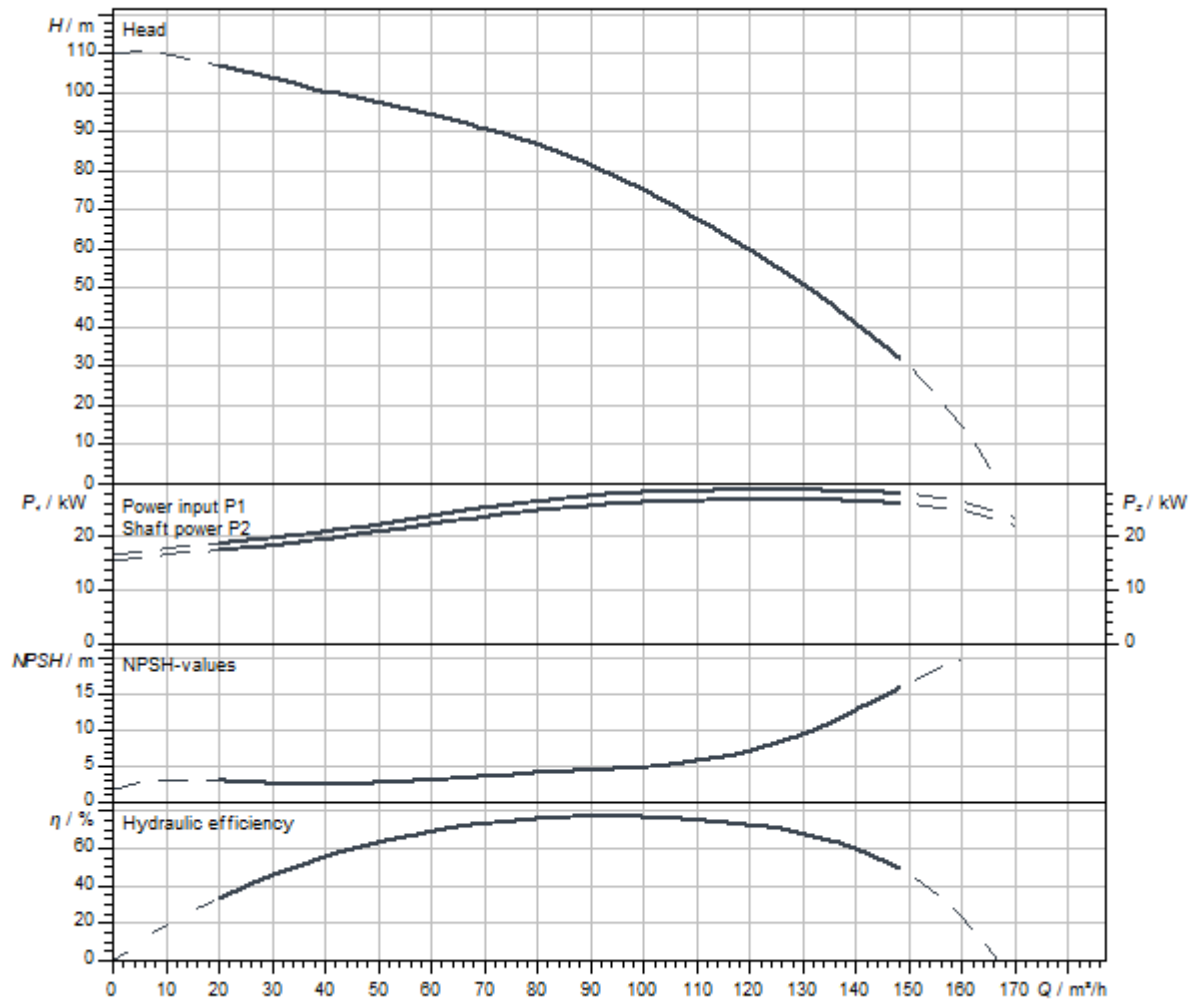
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9504/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	30 kW
Motor efficiency class	IE3
Rated current I_N	50.8 A
Rated speed n	2900 1/min
Power factor $\cos \varphi$	0.91
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.1 %
Motor efficiency η_M 75%	93.2 %
Motor efficiency η_M 100%	93.3 %
Insulation class	F
Protection class motor	IP55

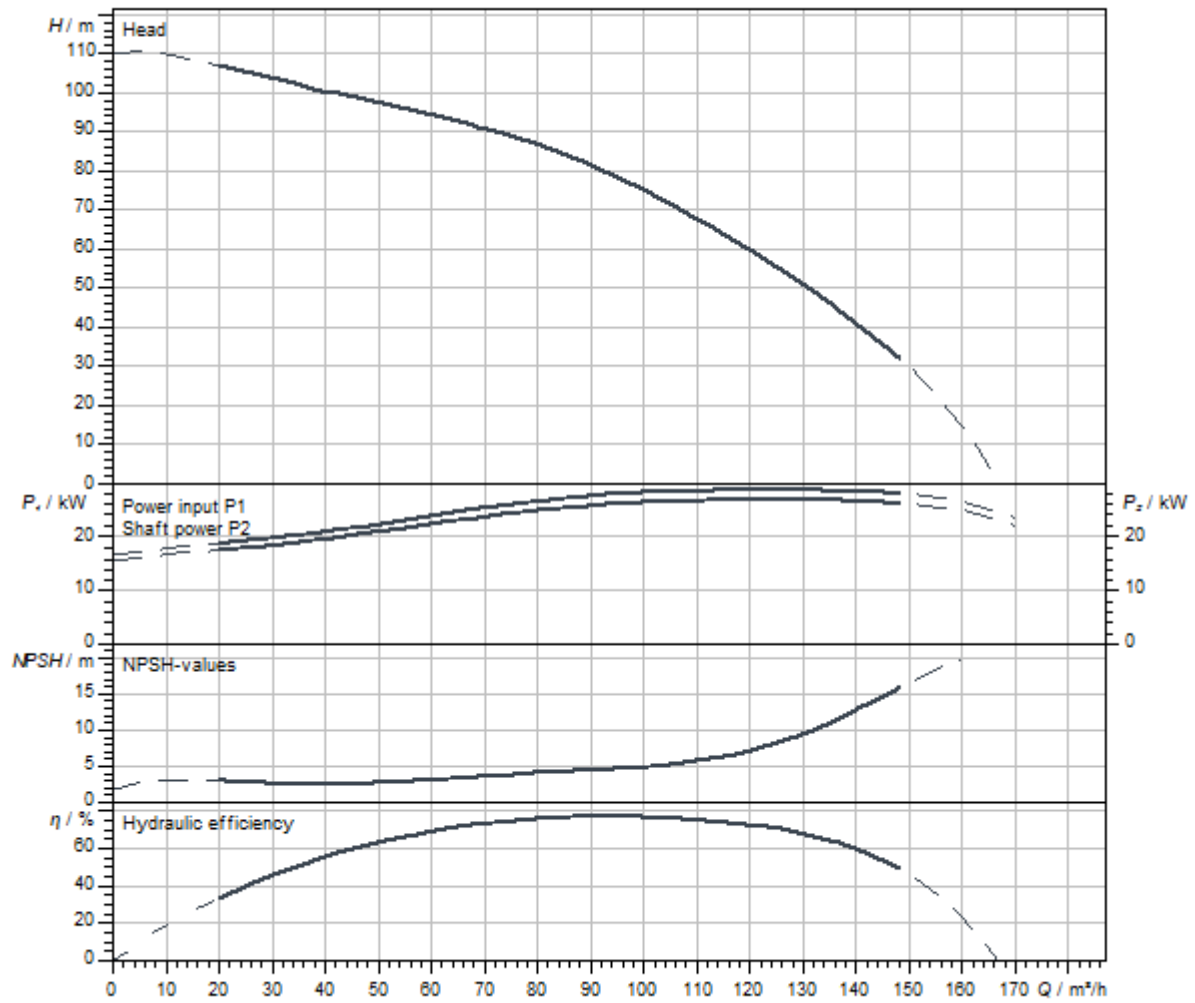
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9505 (3~400V, EPDM, PN 25)
---------------------	------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	45 kW
Motor efficiency class	IE3
Rated current I_N	79.1 A
Rated speed n	2965 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.2 %
Motor efficiency η_M 75%	93.7 %
Motor efficiency η_M 100%	94 %
Insulation class	F
Protection class motor	IP55

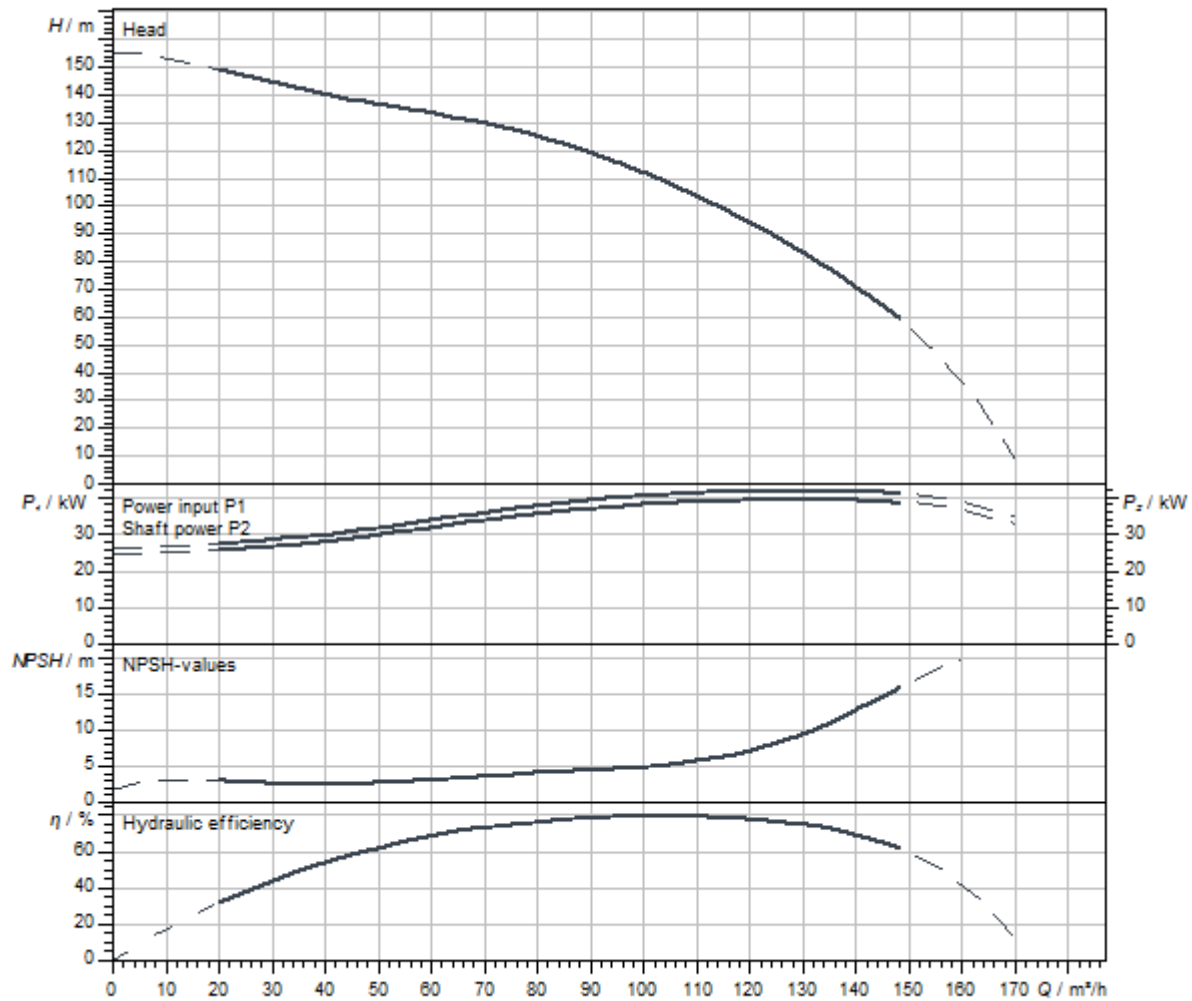
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9505/1 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	45 kW
Motor efficiency class	IE3
Rated current I_N	79.1 A
Rated speed n	2965 1/min
Power factor $\cos \varphi$	0.87
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	92.2 %
Motor efficiency η_M 75%	93.7 %
Motor efficiency η_M 100%	94 %
Insulation class	F
Protection class motor	IP55

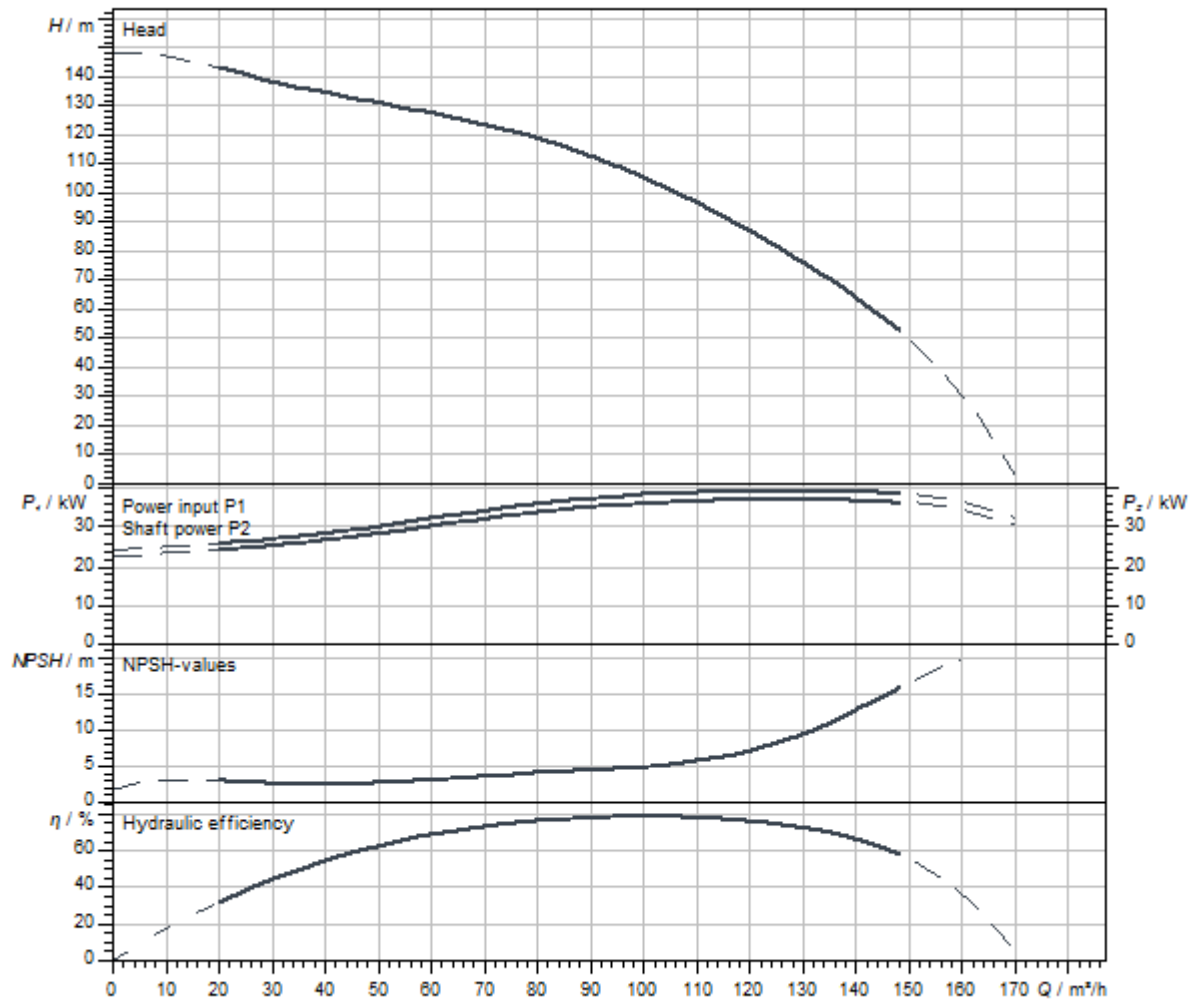
Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves





Similar to figure

Data sheet

Product data

Product description	Multivert MVI 9505/2 (3~400V, EPDM, PN 25)
---------------------	-----------------------------------------------

Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum inlet pressure p_{inl}	10 bar
Maximum operating pressure PN	25 bar
Discharge port	DN 100
Min. fluid temperature T_{min}	-15 °C
Max. fluid temperature T_{max}	120 °C
Min. ambient temperature T_{min}	-15 °C
Max. ambient temperature T_{max}	50 °C

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	37 kW
Motor efficiency class	IE3
Rated current I_N	61.6 A
Rated speed n	2960 1/min
Power factor $\cos \varphi$	0.93
Activation type	Star-Delta (YΔ)
Motor efficiency η_M 50%	93.8 %
Motor efficiency η_M 75%	94.2 %
Motor efficiency η_M 100%	93.7 %
Insulation class	F
Protection class motor	IP55

Materials

Pump housing	Grey cast iron
Impeller	Stainless steel
Shaft	Stainless steel
Mechanical seal	U3BE3GG
Gasket material	EPDM

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100

Pump curves

