ATAC Solutions Ltd is a leading environmental engineering company based in Maidstone, United Kingdom.

ATAC Solutions is known for its state-of-the-art liquid collection fleet and its expertise in providing bespoke turnkey wastewater process solutions.

With a focus on sustainability and accreditation in ISO 9001 & ISO 14001, the company serves domestic and industrial clients across the South-East and London.

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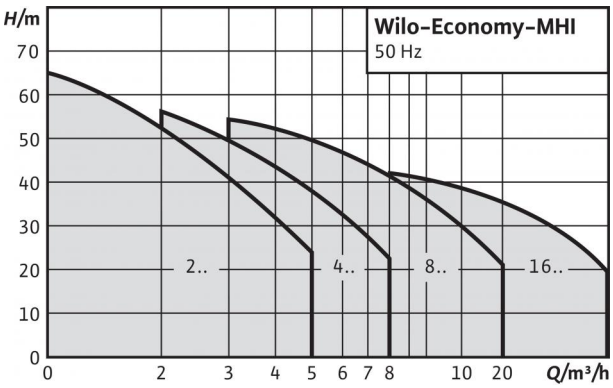
01622 882400

Series description: Wilo-Economy MHI

Similar figure



Pump curves in accordance with ISO 9906: 2012 3B

Design

Non-self-priming multistage pump

Application

- Water supply and pressure boosting
- Industrial circulation systems
- Process water
- Closed cooling circuits
- Washing system
- Irrigation
- Water treatment

Type key

Example:	**MHI 205-1/E/3-400-50-2-IE3**
MHI	Multistage horizontal high-pressure centrifugal pump
2	Flow rate in m^3/h
05	Number of impellers
1	Material 1 = 1.4301 (AISI 304) 2 = 1.4404 (AISI 316L)
E	Gasket type E = EPDM V = FKM (Viton)
3	1 = 1~ (alternating current) 3 = 3~ (three-phase current)
400	Connection voltage in V
50	Frequency in Hz
2	Number of poles
IE3	IE3 motor

Special features/product advantages

- IE3 IEC three-phase AC motor (≥ 0.75 kW)
- All parts that come in contact with the fluid are made of stainless steel 1.4301 (AISI 304) or 1.4404 (AISI 316L)
- Space-saving, compact design
- Drinking water approval (ACS, KTW, WRAS) for all components in contact with the fluid (EPDM version)

Technical data

- Mains connection 1~230 V (±10 %), 50 Hz or optionally 220 V (±10 %), 60 Hz
- Mains connection: 3~230 V (±10 %), 50 Hz (Δ) or optionally 265 V (±10 %), 60 Hz (Δ), 400 V (±10 %), 50 Hz (Y) or optionally 460 V (±10 %), 60 Hz (Y);
  identical motor: 3~220 V (±10 %), 60 Hz (Δ), 380 V (±10 %), 60 Hz (Y);
- Fluid temperature of -15 to +110 °C
- Max. operating pressure 10 bar
- Max. intake pressure of 6 bar
- Protection class 1~: IPX4; 3~: IP54
- Nominal diameters of pipe connections: Rp 1, Rp 1 ¼ or Rp 1 ½, depending on type

Equipment/function

- Stainless steel in monobloc design
- Threaded connection
- Single-phase or three-phase AC motor
- Single-phase AC motor equipped with built-in thermal motor protection (with automatic restart)

Materials

- Impellers, stage chambers and pump housing made of 1.4301/1.4404 stainless steel
- Shaft 1.43.01 or 1.4404 stainless steel
- Seal EPDM (EP 851) / FKM (Viton)
- Mechanical seal
  EPDM version: B-carbon/silicon carbide
  FKM version: Silicon carbide/B-carbon
- Bearing tungsten carbide/aluminium oxide
- Pump base aluminium

Scope of delivery

- Pump
- Installation and operating instructions

Product list: Wilo-Economy MHI

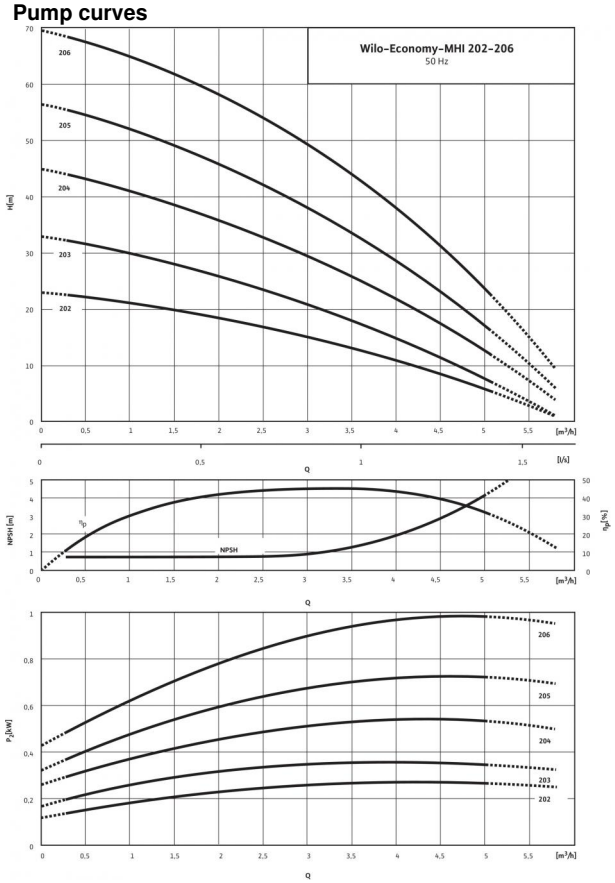
Type	Mains connection	Static seal	Gross weight *m*	Rated power P_2	Art no.
MHI 202	1~230 V, 50 Hz	EPDM	11.3 kg	0.55 kW	4024282
MHI 202	1~230 V, 50 Hz	FKM	11.3 kg	0.55 kW	4015676
MHI 202	3~400 V, 50 Hz	EPDM	10.4 kg	0.55 kW	4024283
MHI 202	3~400 V, 50 Hz	FKM	10.4 kg	0.55 kW	4015677
MHI 203	1~230 V, 50 Hz	EPDM	11.3 kg	0.55 kW	4024284
MHI 203	1~230 V, 50 Hz	FKM	11.3 kg	0.55 kW	4015678
MHI 203	3~400 V, 50 Hz	EPDM	10.4 kg	0.55 kW	4024285
MHI 203	3~400 V, 50 Hz	FKM	10.4 kg	0.55 kW	4015679
MHI 204	1~230 V, 50 Hz	EPDM	12.1 kg	0.55 kW	4024286
MHI 204	1~230 V, 50 Hz	FKM	12.1 kg	0.55 kW	4015680
MHI 204	3~400 V, 50 Hz	EPDM	11.2 kg	0.55 kW	4024287
MHI 204	3~400 V, 50 Hz	FKM	11.2 kg	0.55 kW	4015681
MHI 205	1~230 V, 50 Hz	EPDM	13.7 kg	0.75 kW	4024288
MHI 205	1~230 V, 50 Hz	FKM	13.7 kg	0.75 kW	4015682
MHI 205	3~400 V, 50 Hz	EPDM	14.5 kg	0.75 kW	4210718
MHI 205	3~400 V, 50 Hz	FKM	14.5 kg	0.75 kW	4210721
MHI 206	1~230 V, 50 Hz	EPDM	17.2 kg	1.1 kW	4024290
MHI 206	1~230 V, 50 Hz	FKM	17.2 kg	1.1 kW	4015684
MHI 402	1~230 V, 50 Hz	EPDM	11.3 kg	0.55 kW	4024292
MHI 402	1~230 V, 50 Hz	FKM	11.3 kg	0.55 kW	4015686
MHI 402	3~400 V, 50 Hz	EPDM	10.4 kg	0.55 kW	4024293
MHI 402	3~400 V, 50 Hz	FKM	10.4 kg	0.55 kW	4015687
MHI 403	1~230 V, 50 Hz	EPDM	12.2 kg	0.55 kW	4024294
MHI 403	1~230 V, 50 Hz	FKM	12.2 kg	0.55 kW	4015688
MHI 403	3~400 V, 50 Hz	EPDM	11.3 kg	0.55 kW	4024295
MHI 403	3~400 V, 50 Hz	FKM	11.3 kg	0.55 kW	4015689
MHI 404	1~230 V, 50 Hz	EPDM	13.7 kg	0.75 kW	4024296
MHI 404	1~230 V, 50 Hz	FKM	13.7 kg	0.75 kW	4015690
MHI 404	3~400 V, 50 Hz	EPDM	14.5 kg	0.75 kW	4210725
MHI 404	3~400 V, 50 Hz	FKM	14.5 kg	0.75 kW	4210731
MHI 405	1~230 V, 50 Hz	EPDM	16.7 kg	1.1 kW	4024298
MHI 405	1~230 V, 50 Hz	FKM	16.7 kg	1.1 kW	4015692
MHI 405	3~400 V, 50 Hz	EPDM	15.3 kg	1.1 kW	4210732
MHI 405	3~400 V, 50 Hz	FKM	15.3 kg	1.1 kW	4210734
MHI 406	1~230 V, 50 Hz	EPDM	19.3 kg	1.5 kW	4024300
MHI 406	1~230 V, 50 Hz	FKM	19.3 kg	1.5 kW	4015694
MHI 406	3~400 V, 50 Hz	EPDM	17.5 kg	1.1 kW	4210735
MHI 406	3~400 V, 50 Hz	FKM	17.5 kg	1.1 kW	4210737
MHI 801	3~400 V, 50 Hz	EPDM	13.6 kg	0.75 kW	4210738
MHI 802	1~230 V, 50 Hz	EPDM	17.3 kg	0.75 kW	4024302
MHI 802	1~230 V, 50 Hz	FKM	17.3 kg	0.75 kW	4015696
MHI 802	3~400 V, 50 Hz	EPDM	13.8 kg	0.75 kW	4210739
MHI 802	3~400 V, 50 Hz	FKM	13.8 kg	0.75 kW	4210742
MHI 803	1~230 V, 50 Hz	EPDM	16.0 kg	1.1 kW	4024304
MHI 803	1~230 V, 50 Hz	FKM	16.0 kg	1.1 kW	4015698
MHI 803	3~400 V, 50 Hz	EPDM	14.6 kg	1.1 kW	4210743
MHI 803	3~400 V, 50 Hz	FKM	14.6 kg	1.1 kW	4210746

Product list: Wilo-Economy MHI

Type	Mains connection	Static seal	Gross weight *m*	Rated power P_2	Art no.
MHI 804	1~230 V, 50 Hz	EPDM	17.5 kg	1.5 kW	4024306
MHI 804	1~230 V, 50 Hz	FKM	17.5 kg	1.5 kW	4015700
MHI 804	3~400 V, 50 Hz	EPDM	20.6 kg	1.5 kW	4210747
MHI 804	3~400 V, 50 Hz	FKM	20.6 kg	1.5 kW	4210749
MHI 805	3~400 V, 50 Hz	EPDM	22.0 kg	2.2 kW	4210750
MHI 805	3~400 V, 50 Hz	FKM	22.0 kg	2.2 kW	4210752
MHI 1602	3~400 V, 50 Hz	EPDM	20.5 kg	1.5 kW	4210710
MHI 1603	3~400 V, 50 Hz	EPDM	22.9 kg	2.2 kW	4210713
MHI 1604	3~400 V, 50 Hz	EPDM	23.6 kg	2.2 kW	4210715

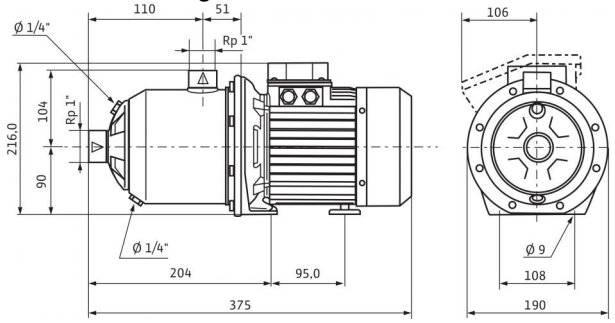
Data sheet: Economy MHI 202 (1~230 V, EPDM)

Pump curves

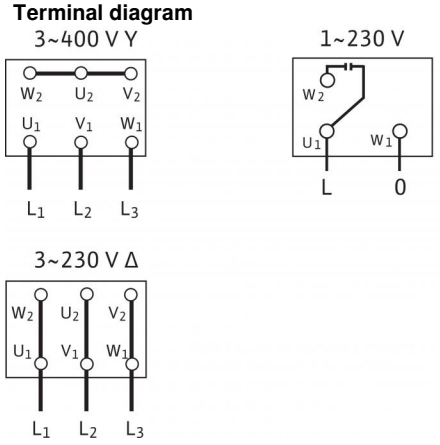


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 202
Art no.	4024282
Weight approx. *m*	9.8 kg

• = available, - = not available

Note on inlet pressure

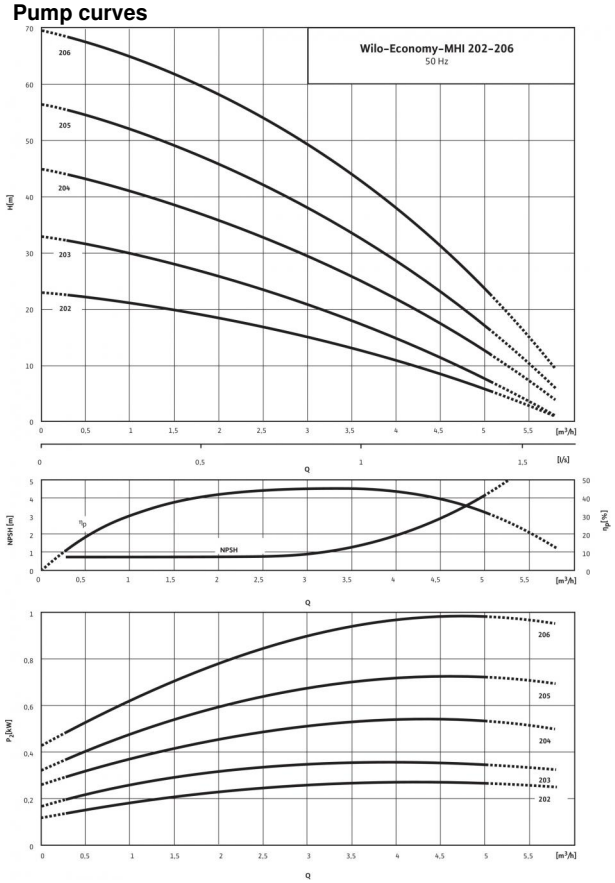
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

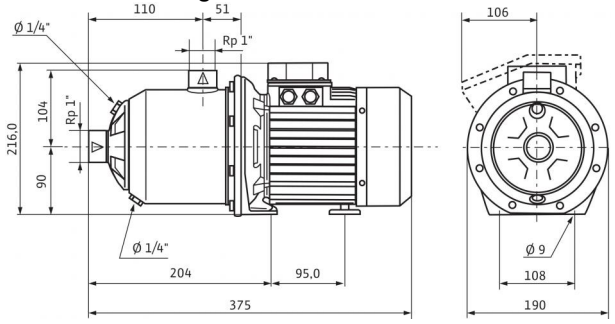
Data sheet: Economy MHI 202 (1~230 V, FKM)

Pump curves

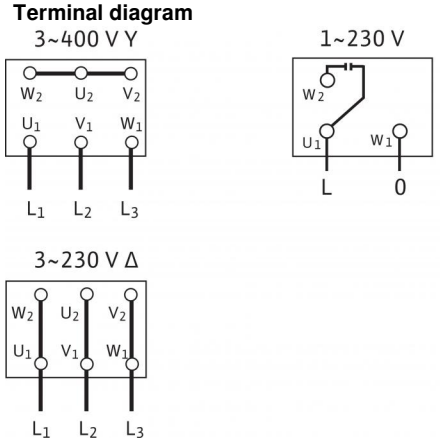


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 202
Art no.	4015676
Weight approx. *m*	9.8 kg

• = available, - = not available

Note on inlet pressure

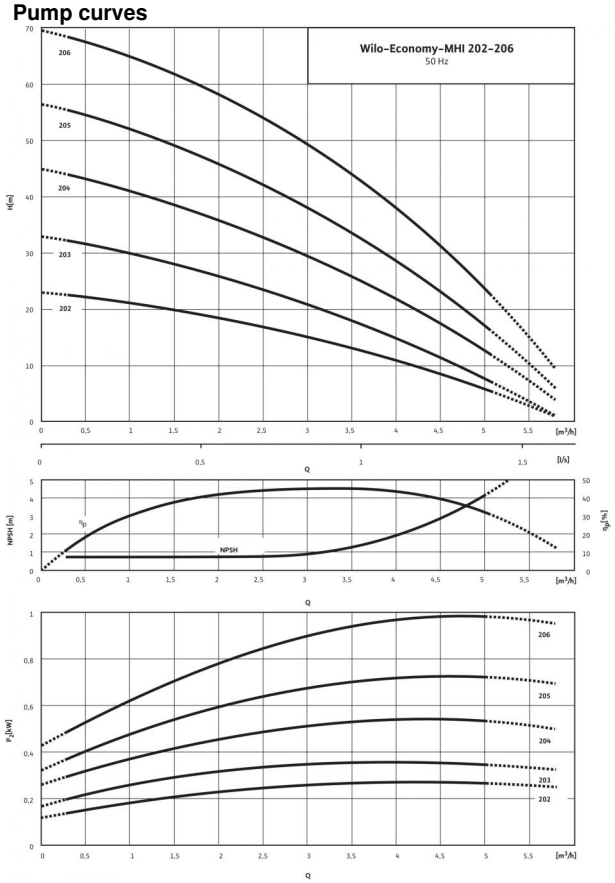
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

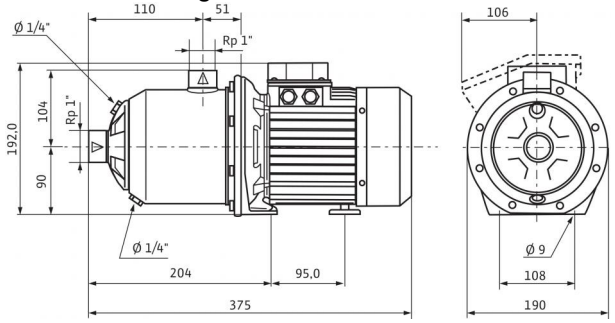
Data sheet: Economy MHI 202 (3~400 V, EPDM)

Pump curves

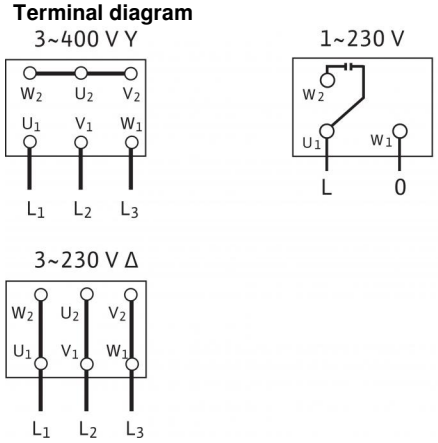


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 202
Art no.	4024283
Weight approx. *m*	8.9 kg

• = available, - = not available

Note on inlet pressure

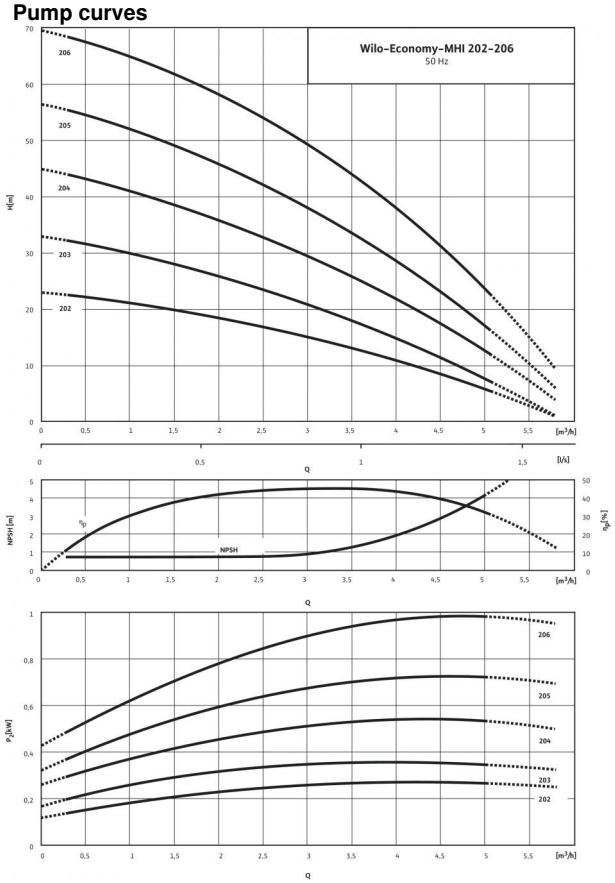
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

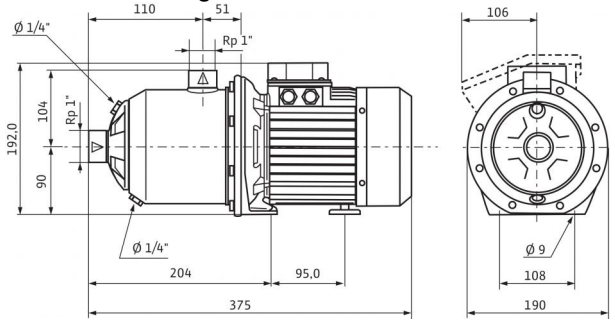
Data sheet: Economy MHI 202 (3~400 V, FKM)

Pump curves

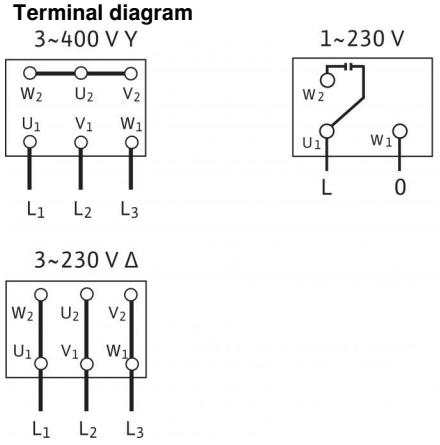


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 202
Art no.	4015677
Weight approx. *m*	8.9 kg

• = available, - = not available

Note on inlet pressure

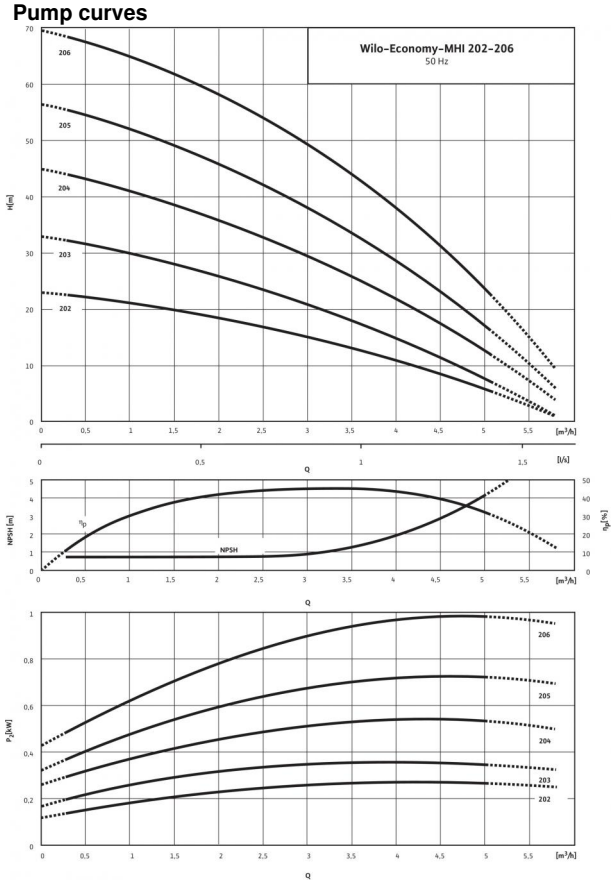
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

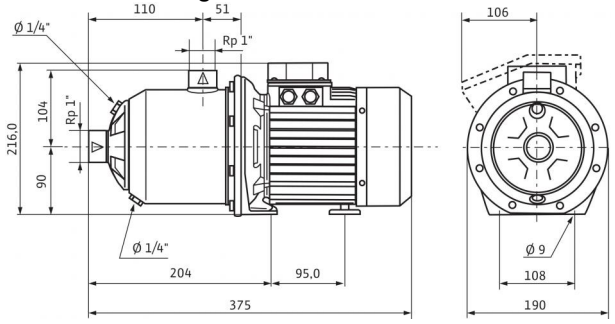
Data sheet: Economy MHI 203 (1~230 V, EPDM)

Pump curves

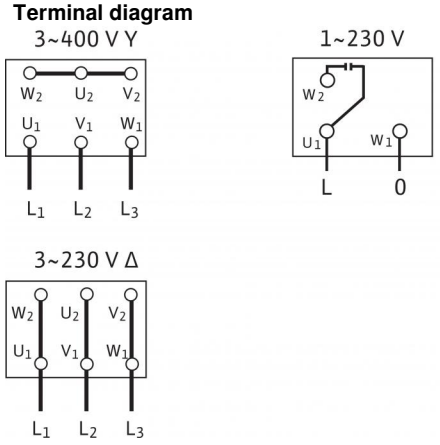


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 203
Art no.	4024284
Weight approx. *m*	9.8 kg

• = available, - = not available

Note on inlet pressure

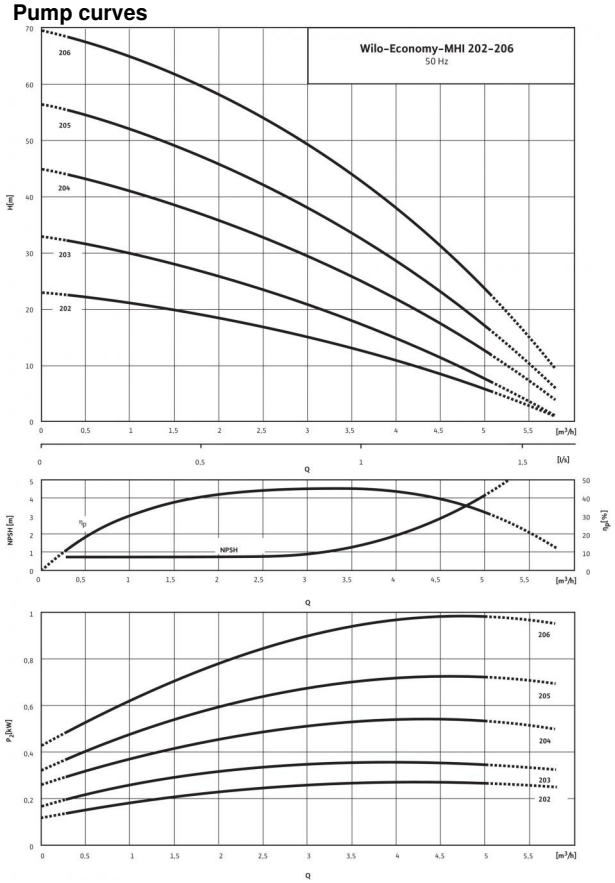
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

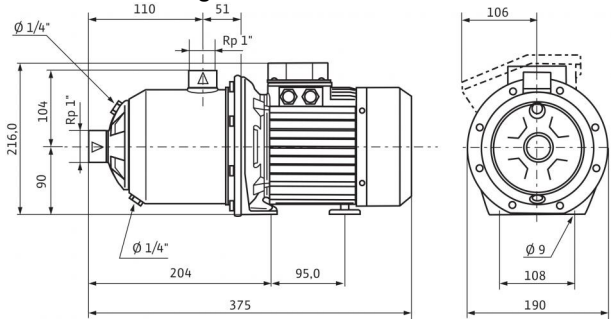
Data sheet: Economy MHI 203 (1~230 V, FKM)

Pump curves

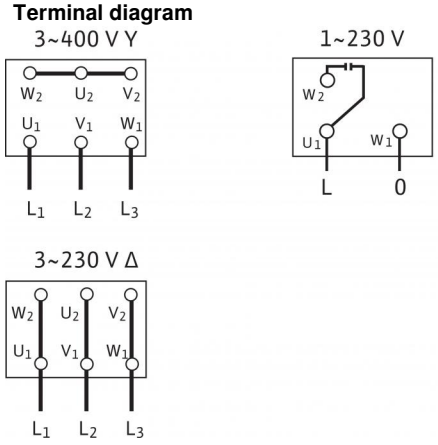


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 203
Art no.	4015678
Weight approx. *m*	9.8 kg

• = available, - = not available

Note on inlet pressure

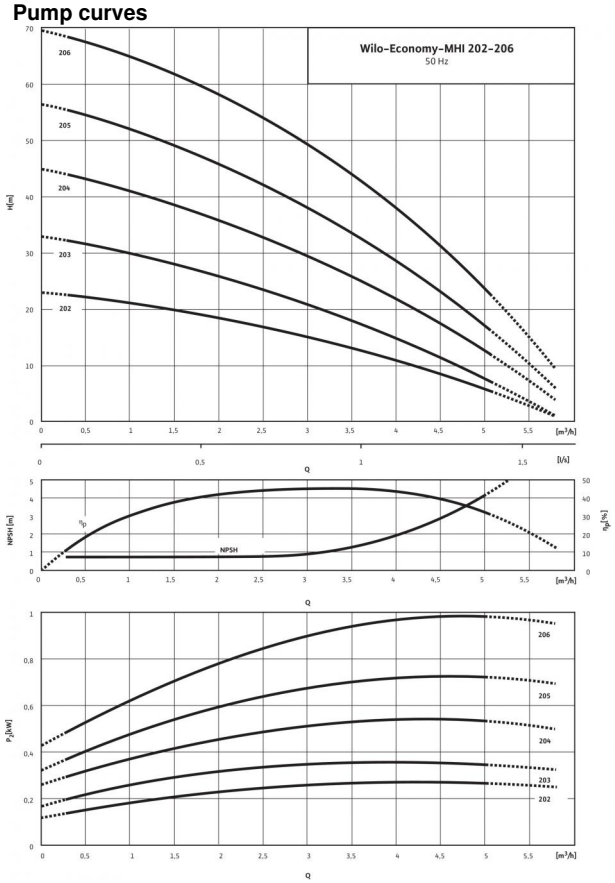
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

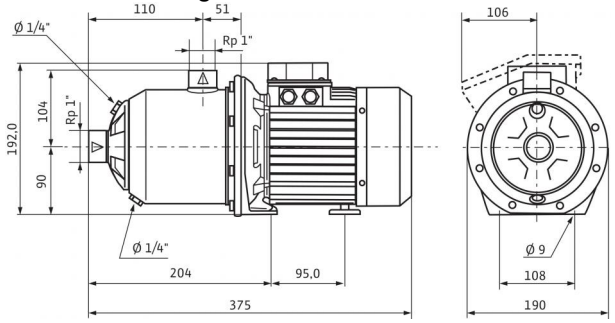
Data sheet: Economy MHI 203 (3~400 V, EPDM)

Pump curves

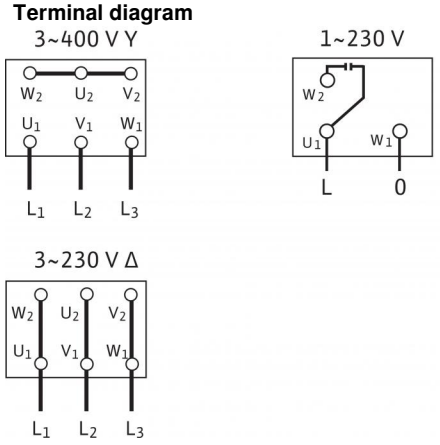


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 203
Art no.	4024285
Weight approx. *m*	8.9 kg

• = available, - = not available

Note on inlet pressure

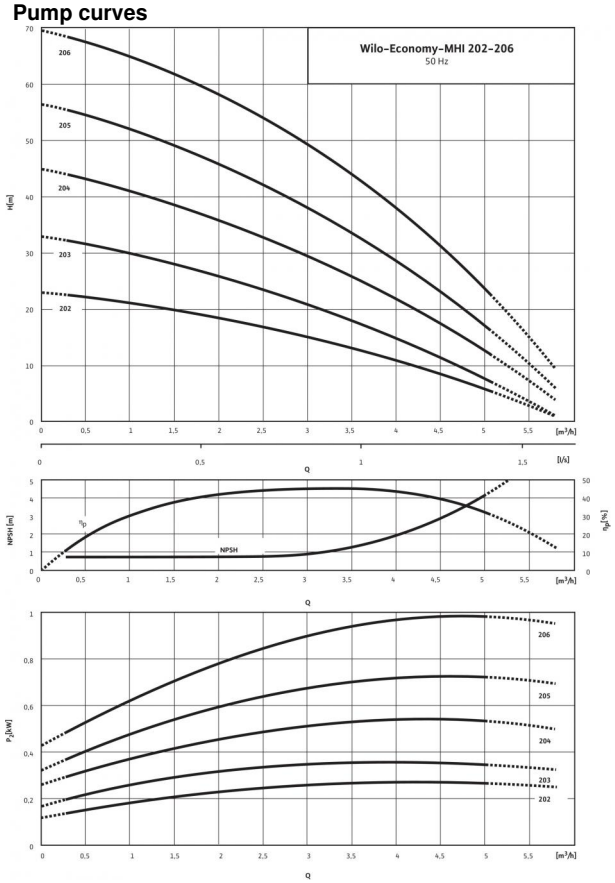
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

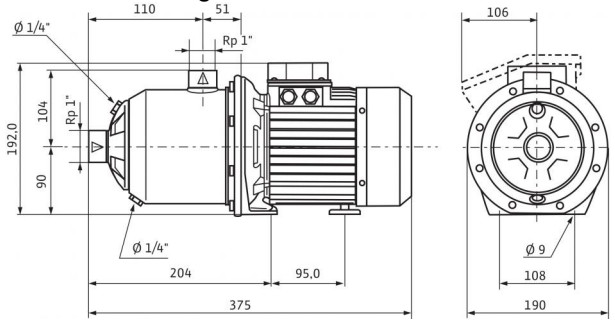
Data sheet: Economy MHI 203 (3~400 V, FKM)

Pump curves

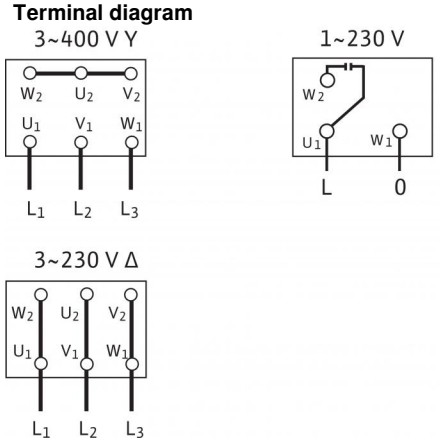


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 203
Art no.	4015679
Weight approx. *m*	8.9 kg

• = available, - = not available

Note on inlet pressure

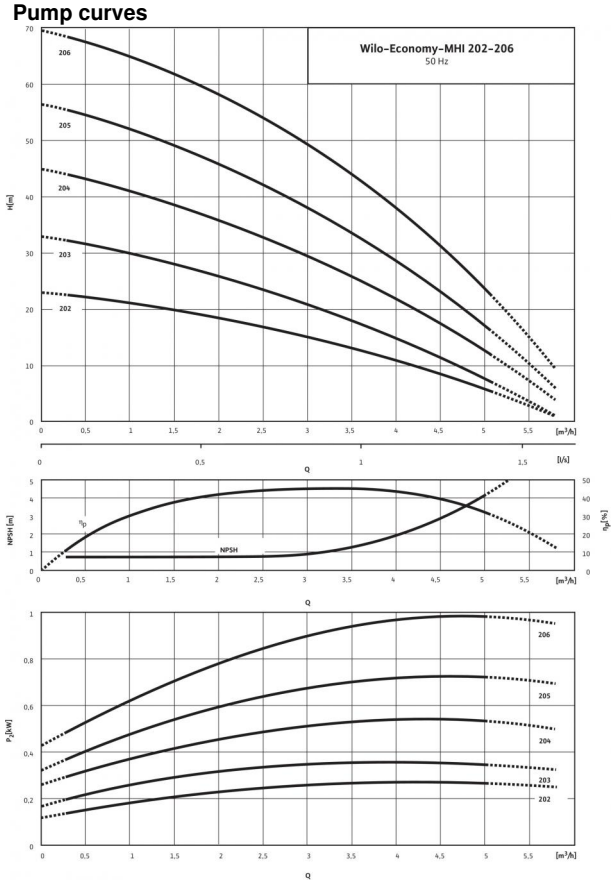
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

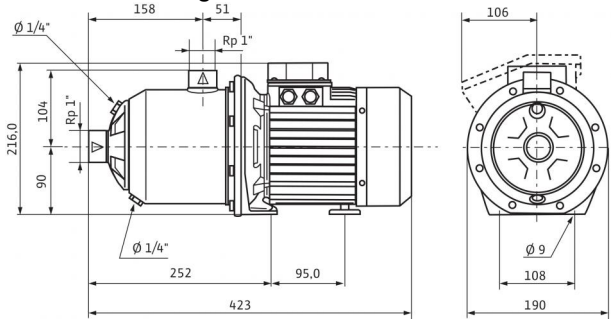
Data sheet: Economy MHI 204 (1~230 V, EPDM)

Pump curves

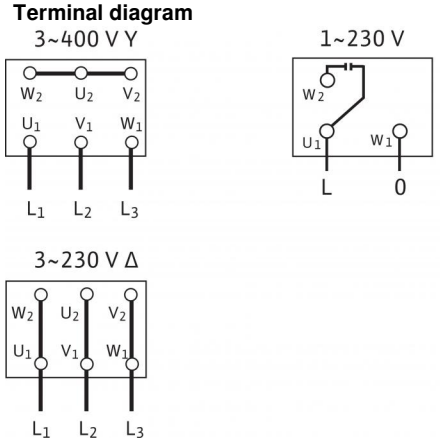


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 204
Art no.	4024286
Weight approx. *m*	10.6 kg

• = available, - = not available

Note on inlet pressure

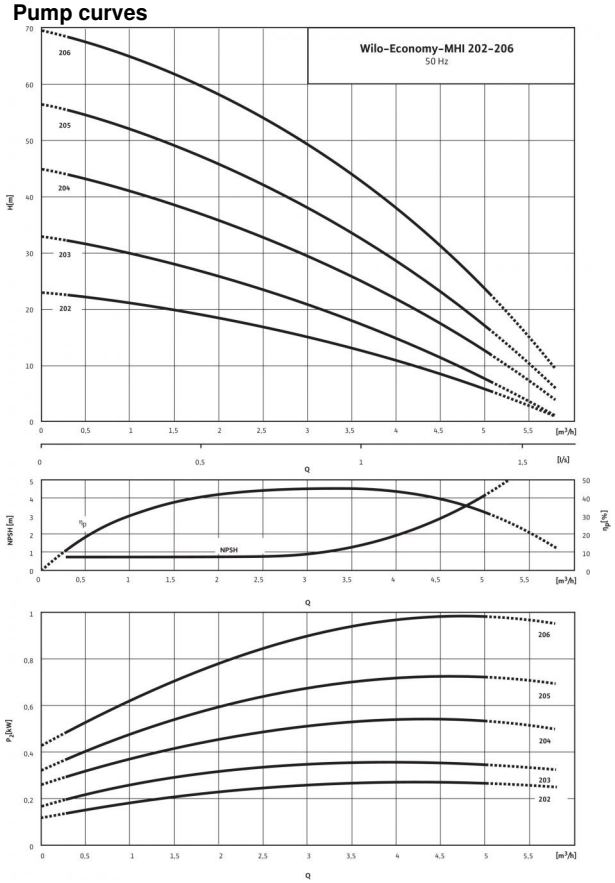
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

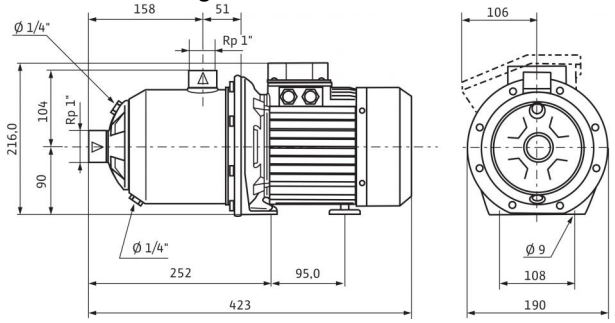
Data sheet: Economy MHI 204 (1~230 V, FKM)

Pump curves

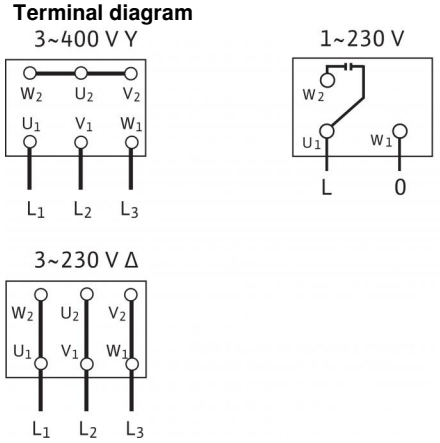


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 204
Art no.	4015680
Weight approx. *m*	10.6 kg

• = available, - = not available

Note on inlet pressure

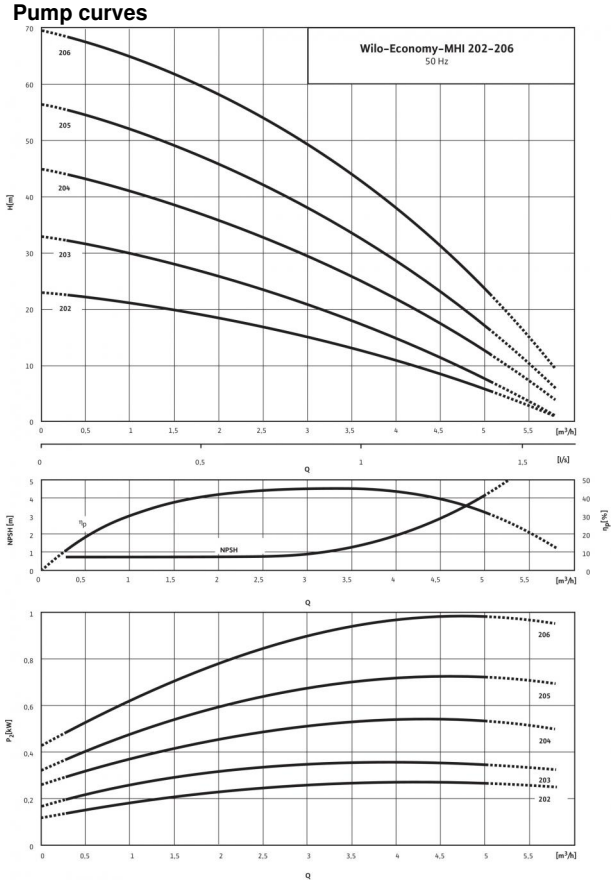
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

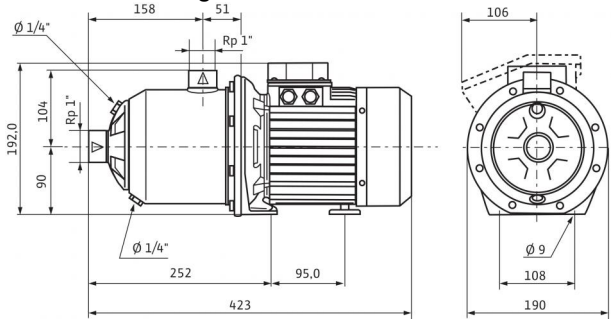
Data sheet: Economy MHI 204 (3~400 V, EPDM)

Pump curves

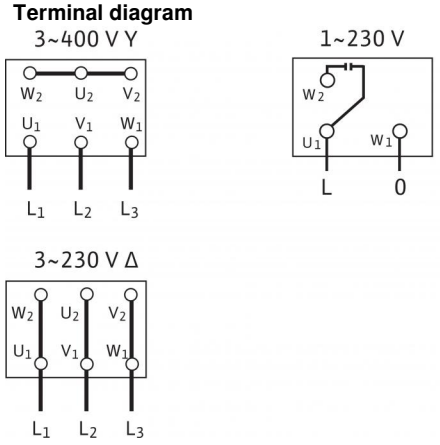


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 204
Art no.	4024287
Weight approx. *m*	9.7 kg

• = available, - = not available

Note on inlet pressure

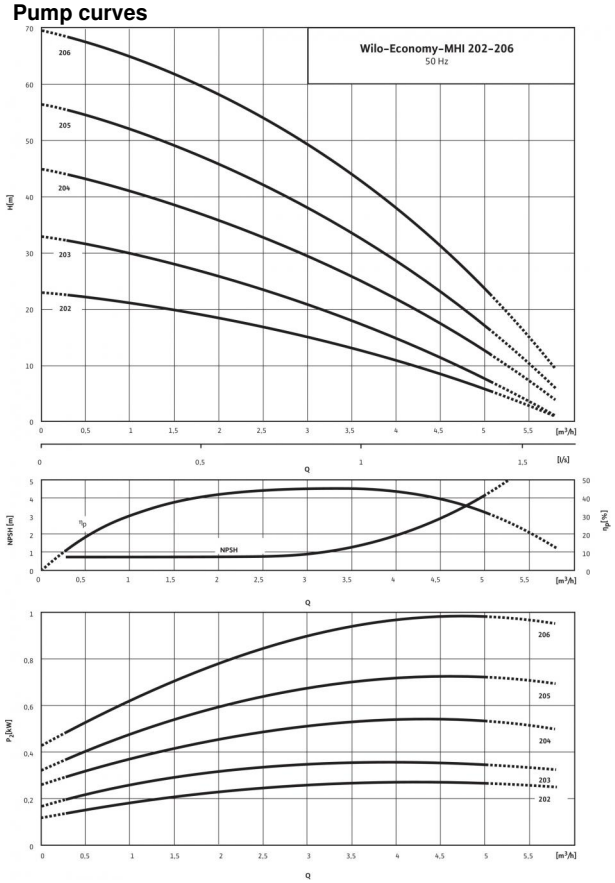
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

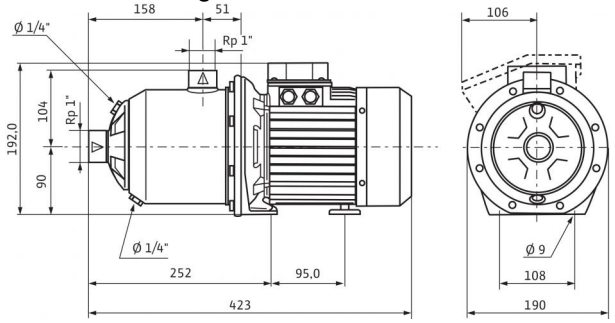
Data sheet: Economy MHI 204 (3~400 V, FKM)

Pump curves

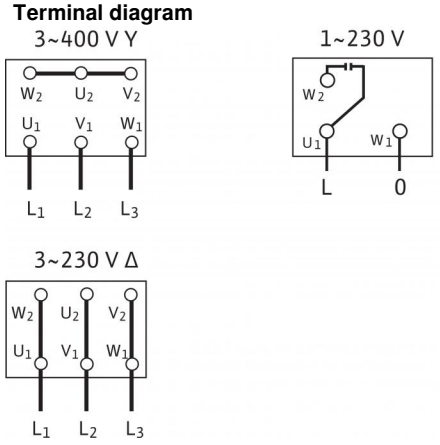


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 204
Art no.	4015681
Weight approx. *m*	9.7 kg

• = available, - = not available

Note on inlet pressure

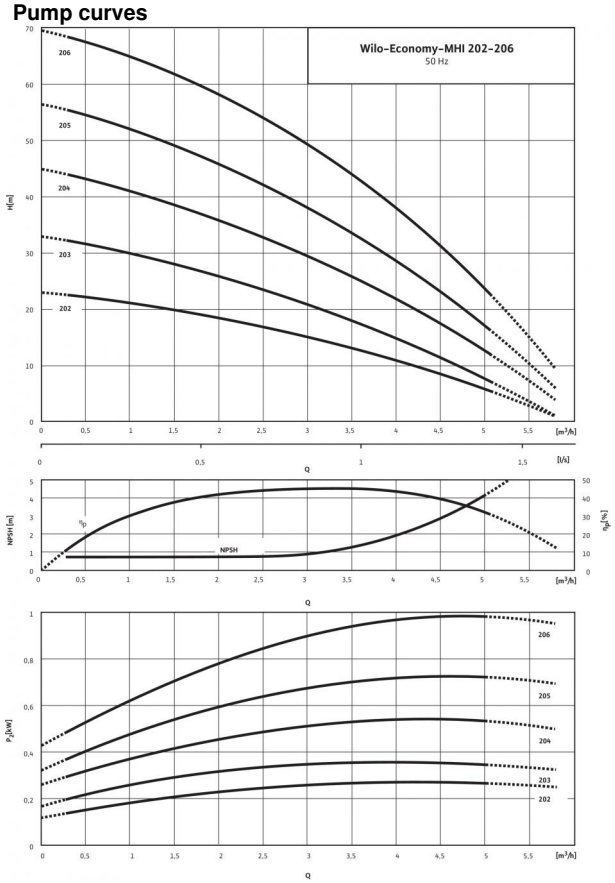
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

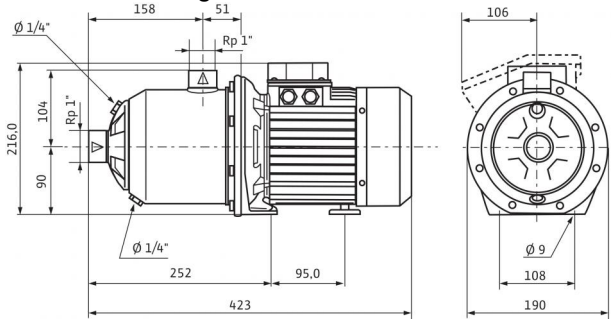
Data sheet: Economy MHI 205 (1~230 V, EPDM)

Pump curves

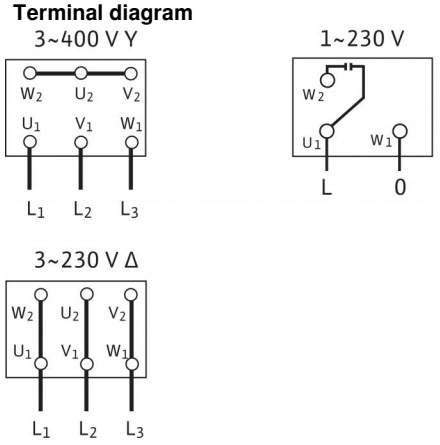


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.09 kW
Nominal current 1~230 V, 50 Hz I_N	5.1 A
Motor efficiency $\eta_{m\ 50\%}$	57.7 %
Motor efficiency $\eta_{m\ 75\%}$	62.8 %
Motor efficiency $\eta_{m\ 100\%}$	62.3 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 205
Art no.	4024288
Weight approx. *m*	12.2 kg

• = available, - = not available

Note on inlet pressure

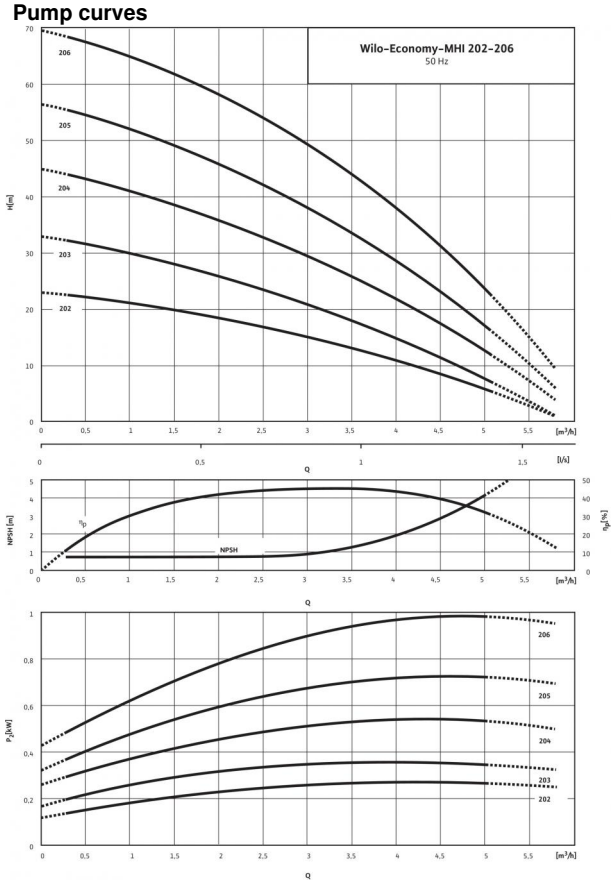
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

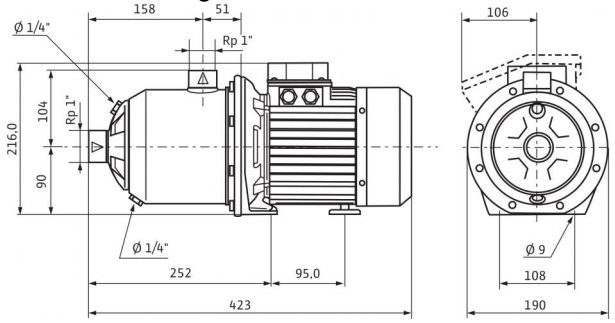
Data sheet: Economy MHI 205 (1~230 V, FKM)

Pump curves

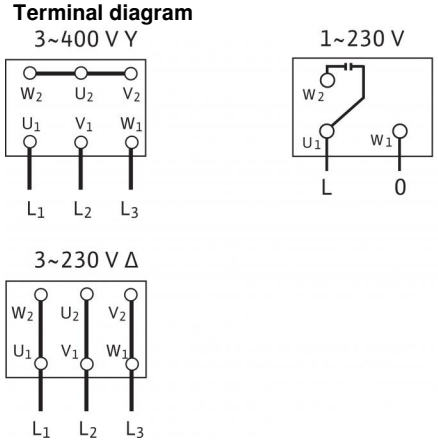


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.09 kW
Nominal current 1~230 V, 50 Hz I_N	5.1 A
Motor efficiency $\eta_{m\ 50\%}$	57.7 %
Motor efficiency $\eta_{m\ 75\%}$	62.8 %
Motor efficiency $\eta_{m\ 100\%}$	62.3 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 205
Art no.	4015682
Weight approx. *m*	12.2 kg

• = available, - = not available

Note on inlet pressure

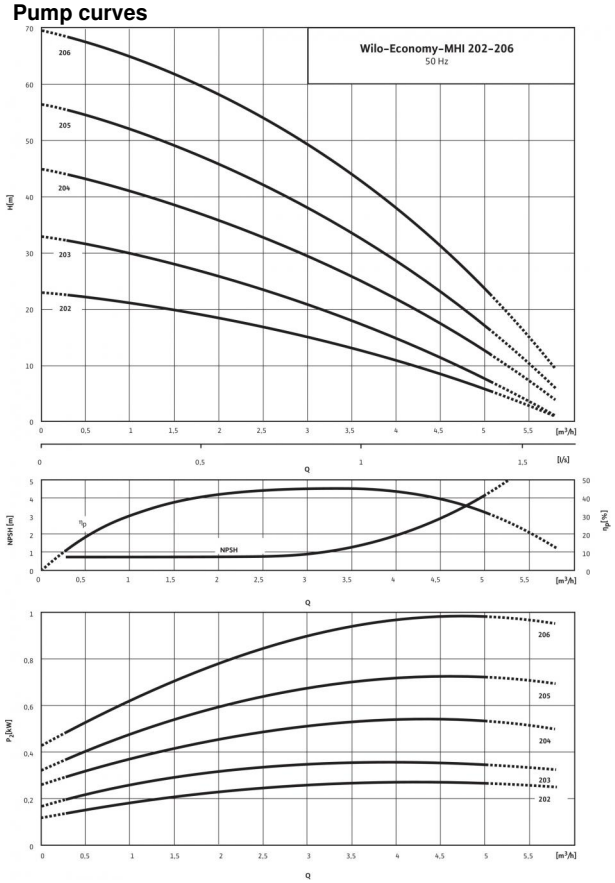
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

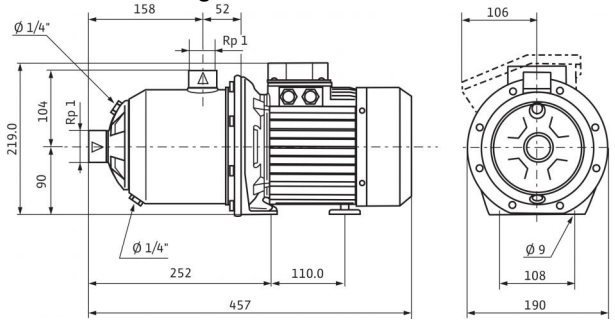
Data sheet: Economy MHI 205 (3~400 V, EPDM)

Pump curves

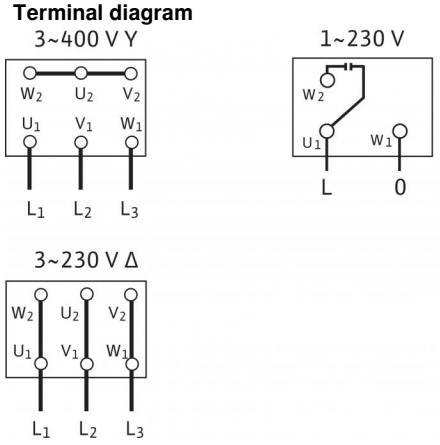


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.1 kW
Nominal current 3~230 V, 50 Hz I_N	3.4 A
Nominal current 3~400 V, 50 Hz I_N	1.95 A
Motor efficiency $\eta_{m\ 50\%}$	79.5 %
Motor efficiency $\eta_{m\ 75\%}$	80.7 %
Motor efficiency $\eta_{m\ 100\%}$	80.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 205
Art no.	4210718
Weight approx. *m*	13.0 kg

• = available, - = not available

Note on inlet pressure

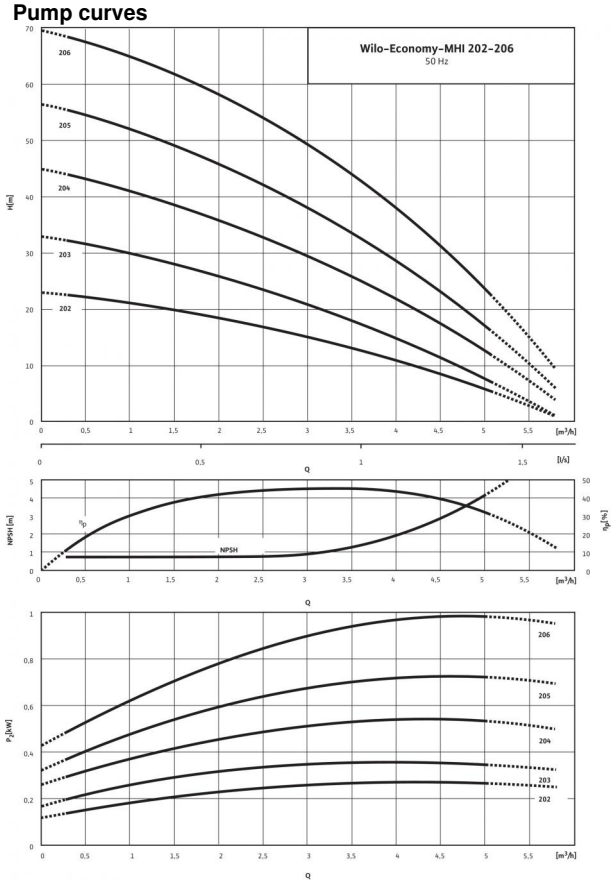
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

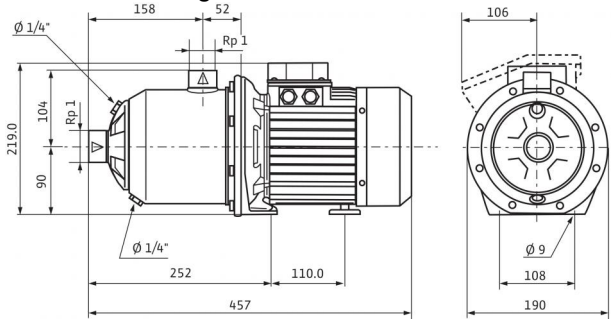
Data sheet: Economy MHI 205 (3~400 V, FKM)

Pump curves

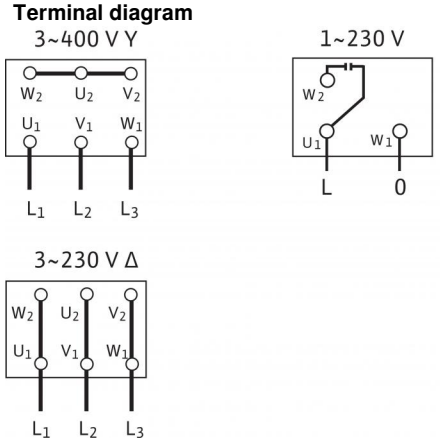


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.1 kW
Nominal current 3~230 V, 50 Hz I_N	3.4 A
Nominal current 3~400 V, 50 Hz I_N	1.95 A
Motor efficiency $\eta_{m\ 50\%}$	79.5 %
Motor efficiency $\eta_{m\ 75\%}$	80.7 %
Motor efficiency $\eta_{m\ 100\%}$	80.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 205
Art no.	4210721
Weight approx. *m*	13.0 kg

• = available, - = not available

Note on inlet pressure

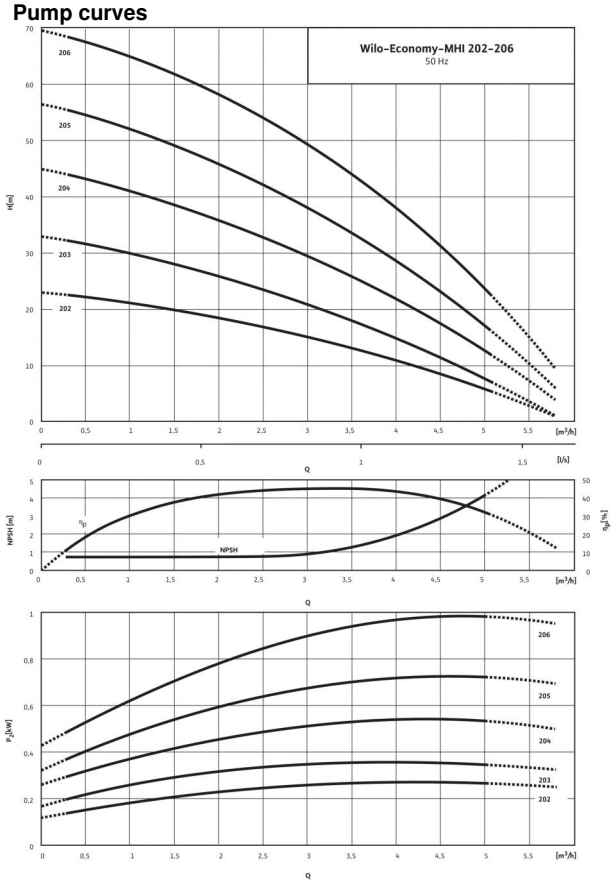
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

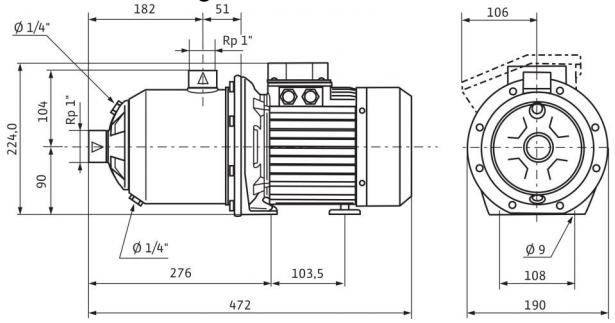
Data sheet: Economy MHI 206 (1~230 V, EPDM)

Pump curves

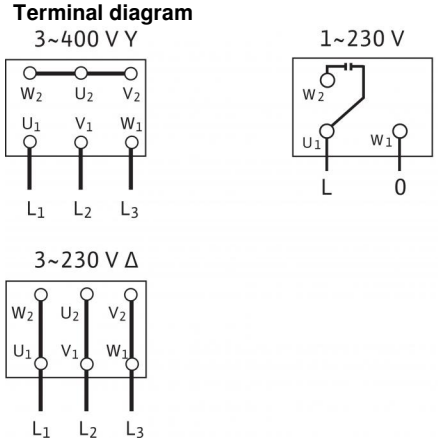


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.51 kW
Nominal current 1~230 V, 50 Hz I_N	7.2 A
Motor efficiency $\eta_{m\ 50\%}$	56.9 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	67.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 206
Art no.	4024290
Weight approx. *m*	15.7 kg

• = available, - = not available

Note on inlet pressure

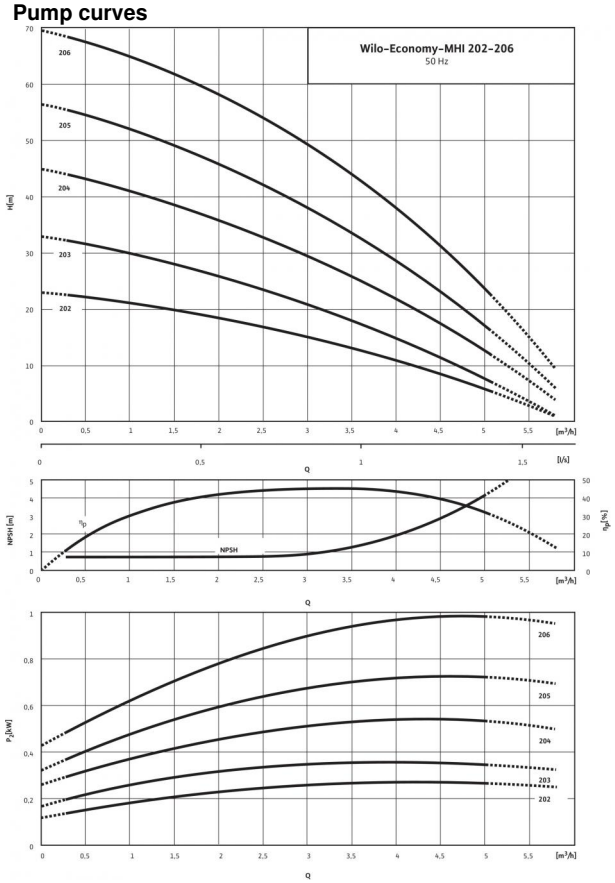
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

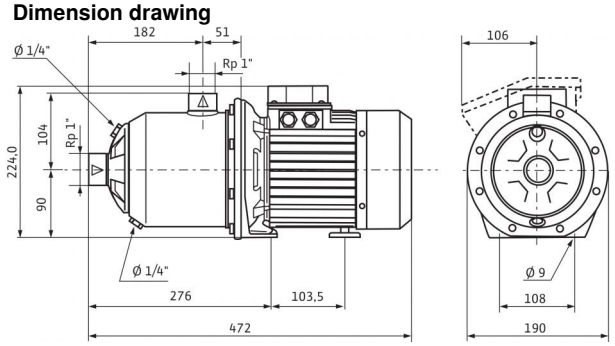
Data sheet: Economy MHI 206 (1~230 V, FKM)

Pump curves

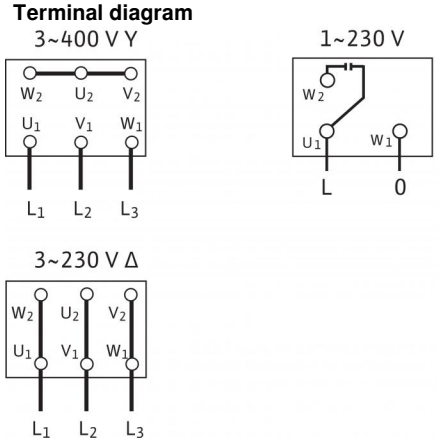


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.51 kW
Nominal current 1~230 V, 50 Hz I_N	7.2 A
Motor efficiency $\eta_{m\ 50\%}$	56.9 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	67.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 206
Art no.	4015684
Weight approx. *m*	15.7 kg

• = available, - = not available

Note on inlet pressure

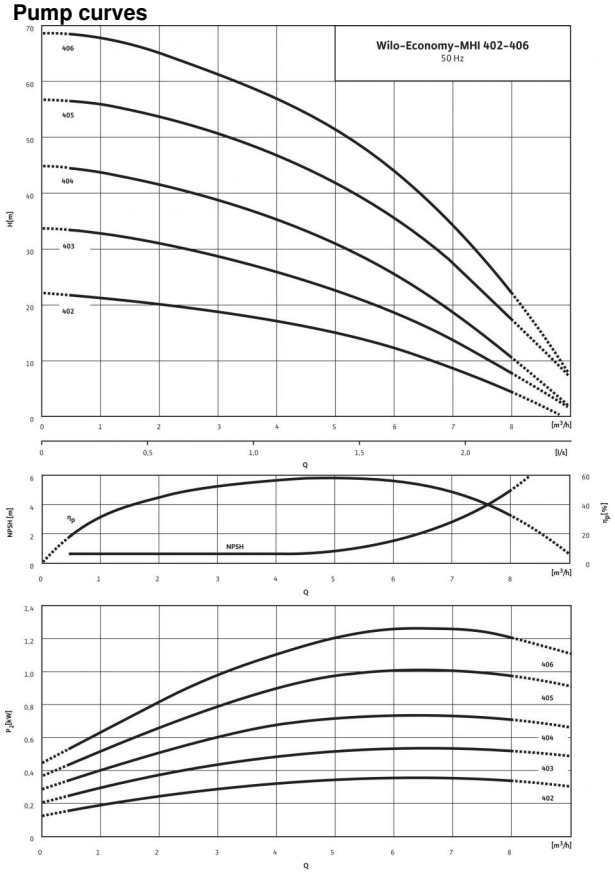
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

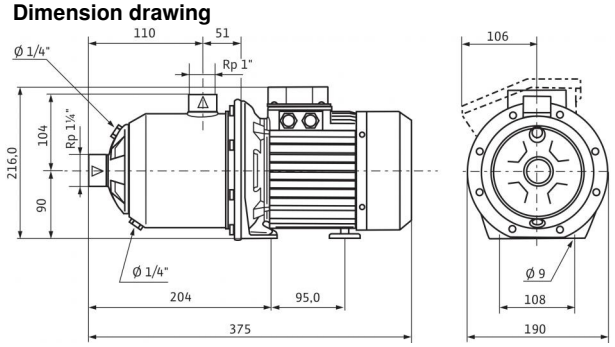
Data sheet: Economy MHI 402 (1~230 V, EPDM)

Pump curves

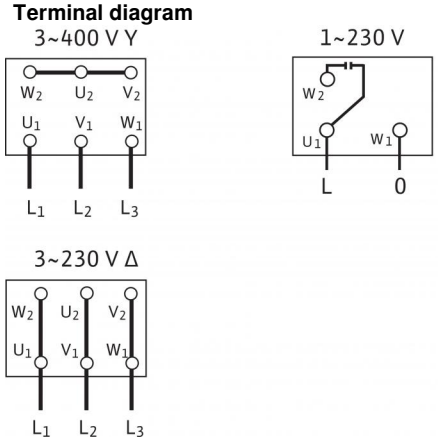


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 402
Art no.	4024292
Weight approx. *m*	9.8 kg

• = available, - = not available

Note on inlet pressure

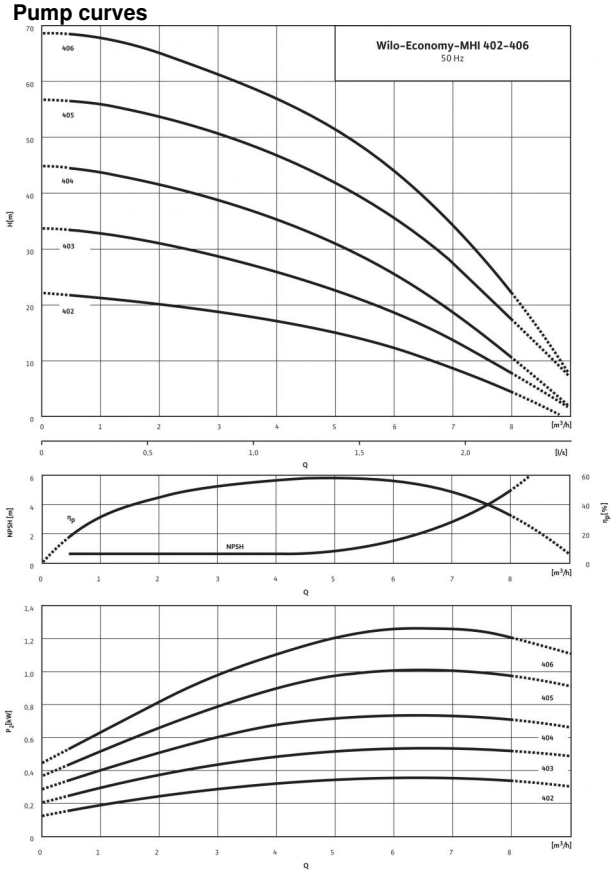
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

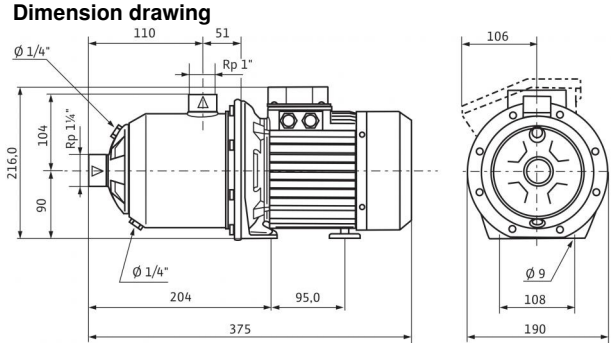
Data sheet: Economy MHI 402 (1~230 V, FKM)

Pump curves

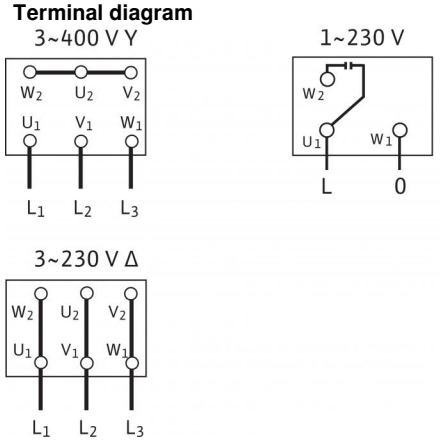


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 402
Art no.	4015686
Weight approx. *m*	9.8 kg

• = available, - = not available

Note on inlet pressure

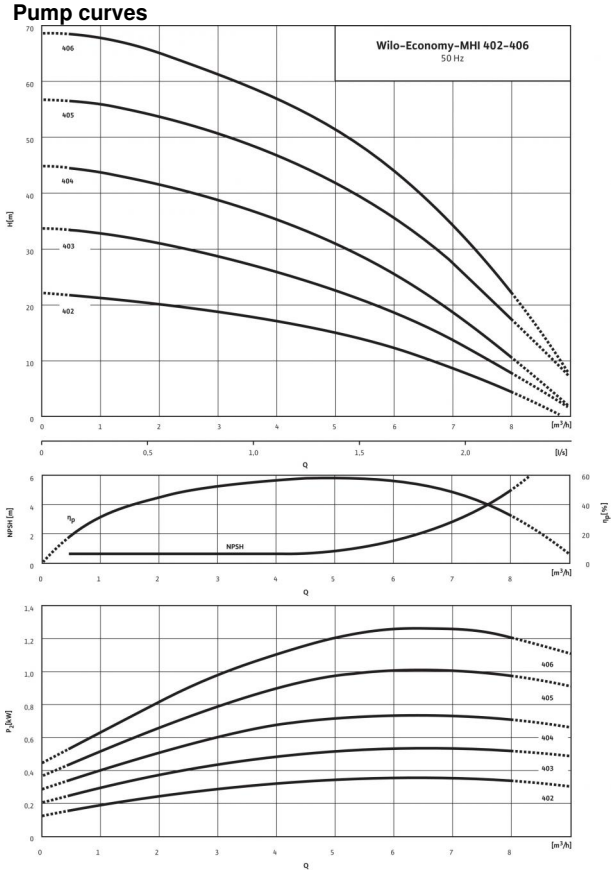
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

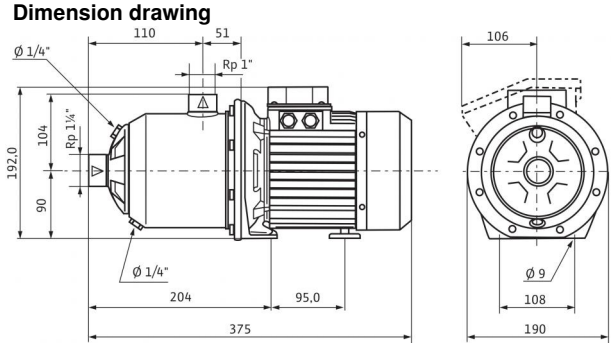
Data sheet: Economy MHI 402 (3~400 V, EPDM)

Pump curves

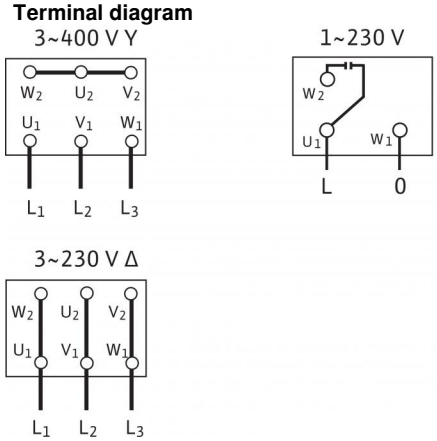


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 402
Art no.	4024293
Weight approx. *m*	8.9 kg

• = available, - = not available

Note on inlet pressure

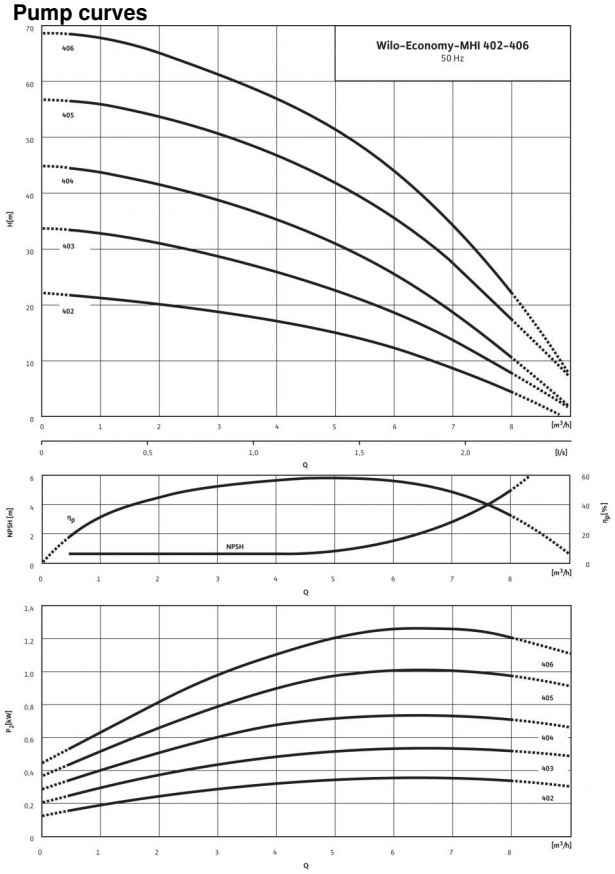
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

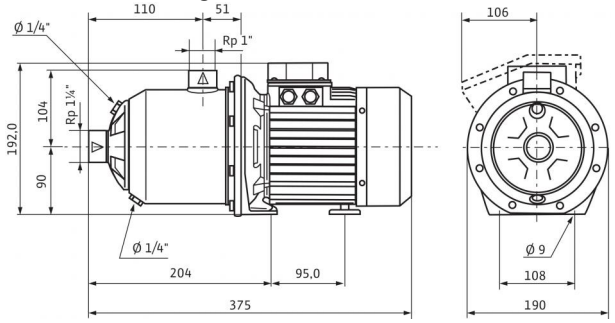
Data sheet: Economy MHI 402 (3~400 V, FKM)

Pump curves

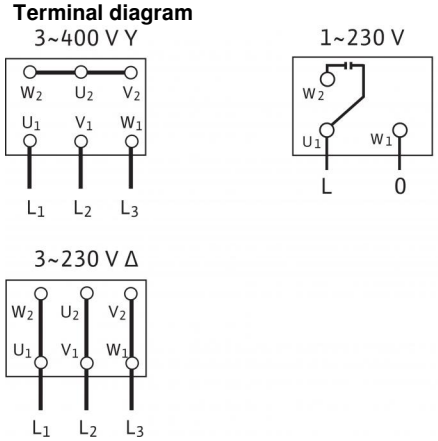


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 402
Art no.	4015687
Weight approx. *m*	8.9 kg

• = available, - = not available

Note on inlet pressure

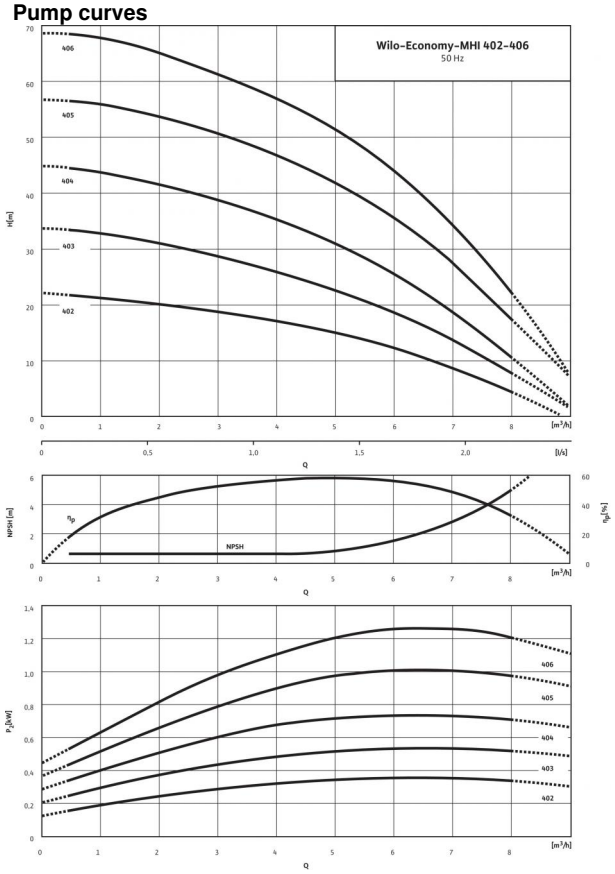
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

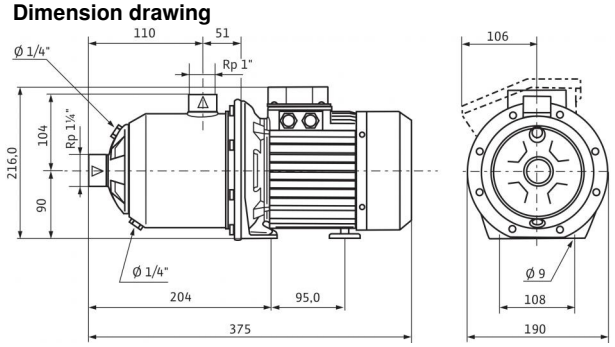
Data sheet: Economy MHI 403 (1~230 V, EPDM)

Pump curves

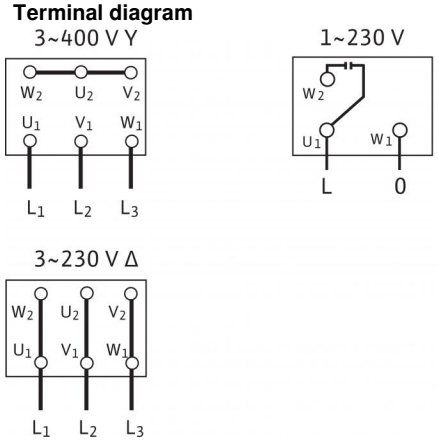


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 403
Art no.	4024294
Weight approx. *m*	10.7 kg

• = available, - = not available

Note on inlet pressure

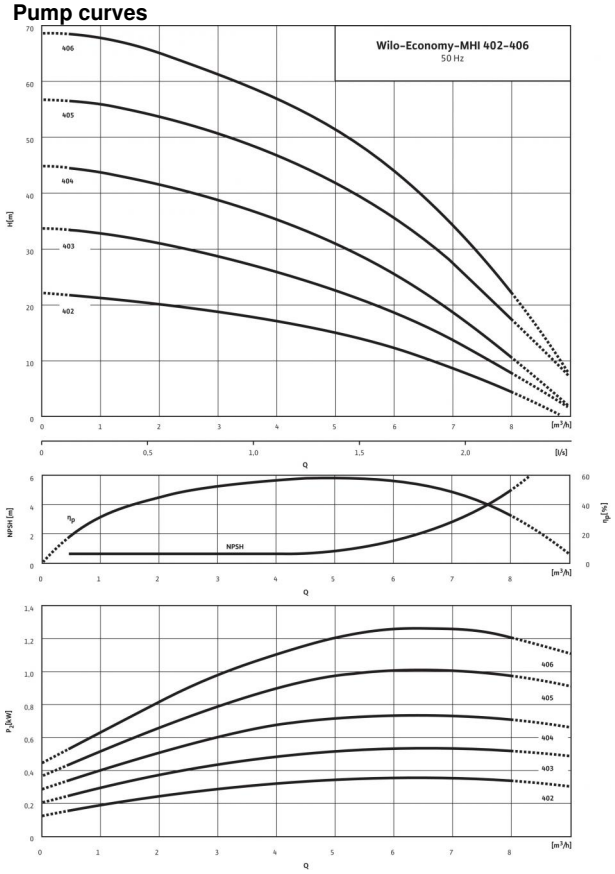
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

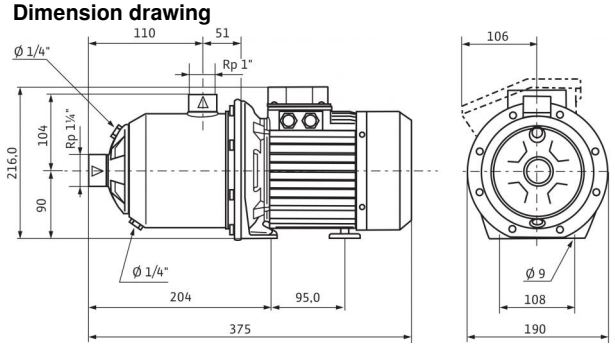
Data sheet: Economy MHI 403 (1~230 V, FKM)

Pump curves

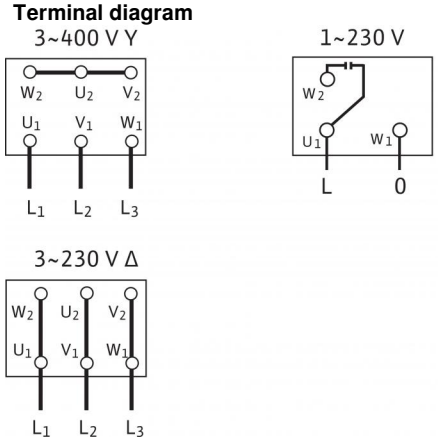


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.84 kW
Nominal current 1~230 V, 50 Hz I_N	4 A
Motor efficiency $\eta_{m\ 50\%}$	59.2 %
Motor efficiency $\eta_{m\ 75\%}$	64.4 %
Motor efficiency $\eta_{m\ 100\%}$	63.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 403
Art no.	4015688
Weight approx. *m*	10.7 kg

• = available, - = not available

Note on inlet pressure

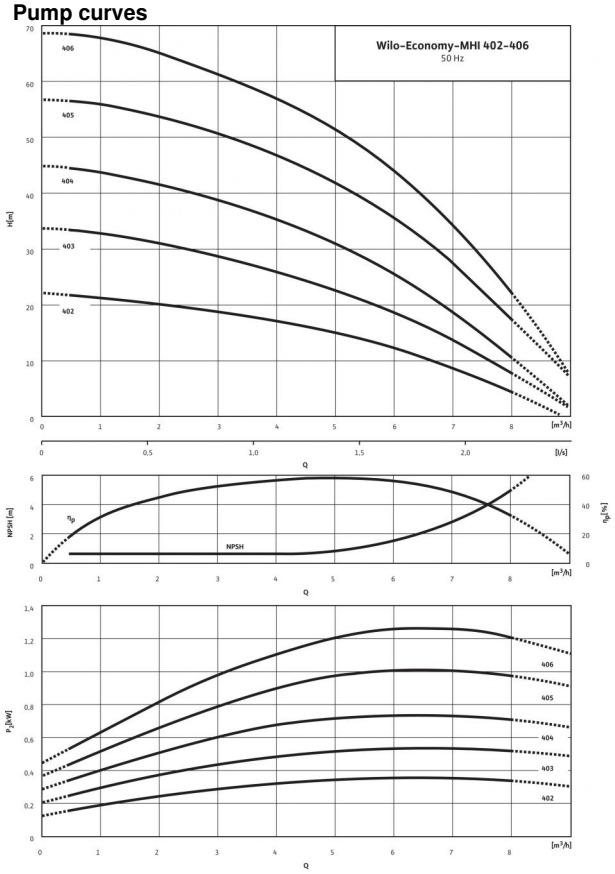
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

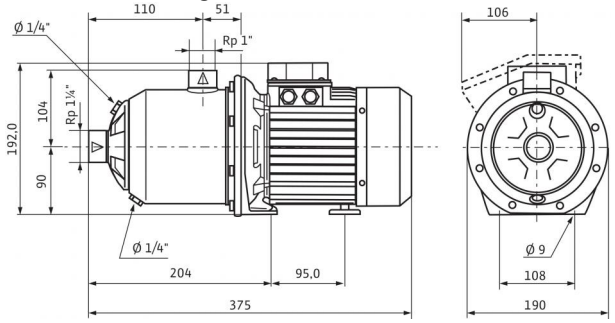
Data sheet: Economy MHI 403 (3~400 V, EPDM)

Pump curves

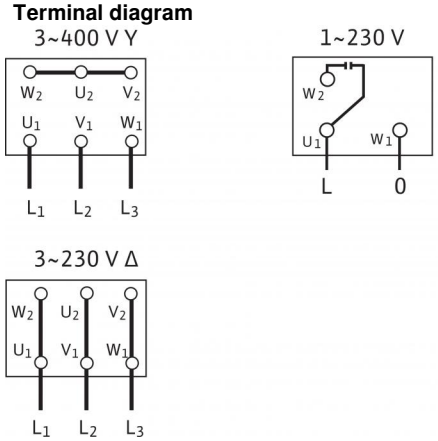


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 403
Art no.	4024295
Weight approx. *m*	9.8 kg

• = available, - = not available

Note on inlet pressure

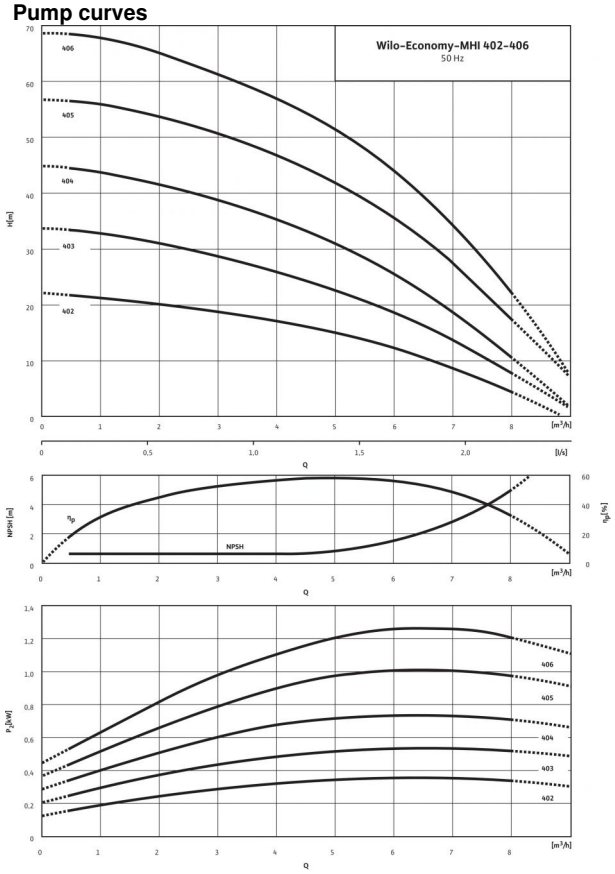
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

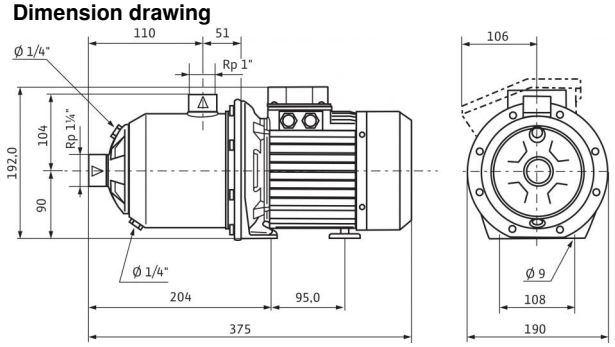
Data sheet: Economy MHI 403 (3~400 V, FKM)

Pump curves

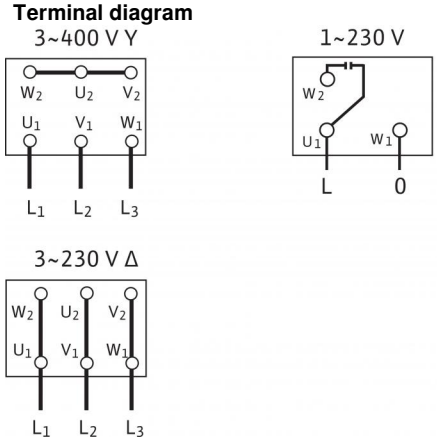


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.55 kW
Power consumption P_1	0.83 kW
Nominal current 3~230 V, 50 Hz I_N	3 A
Nominal current 3~400 V, 50 Hz I_N	1.7 A
Motor efficiency $\eta_{m\ 50\%}$	59.0 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	64.6 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 403
Art no.	4015689
Weight approx. *m*	9.8 kg

• = available, - = not available

Note on inlet pressure

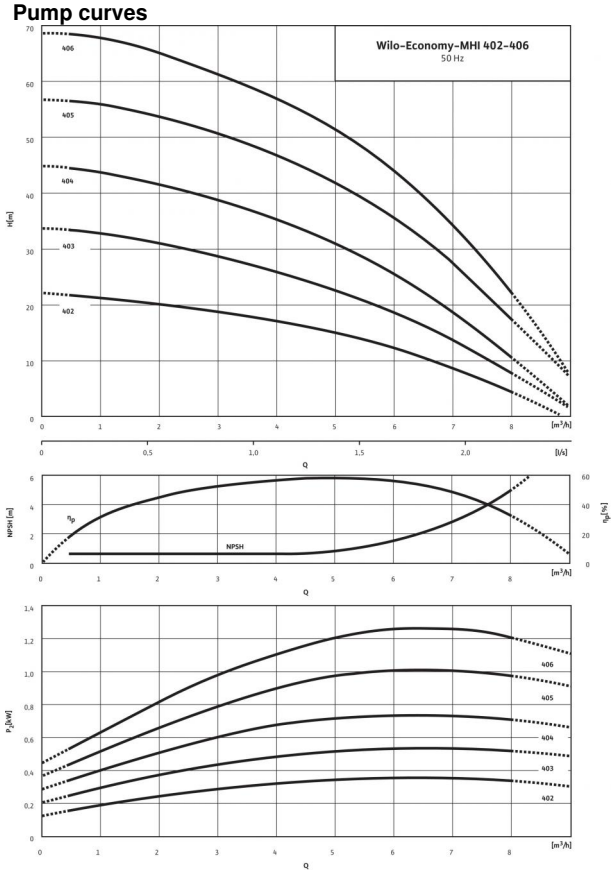
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

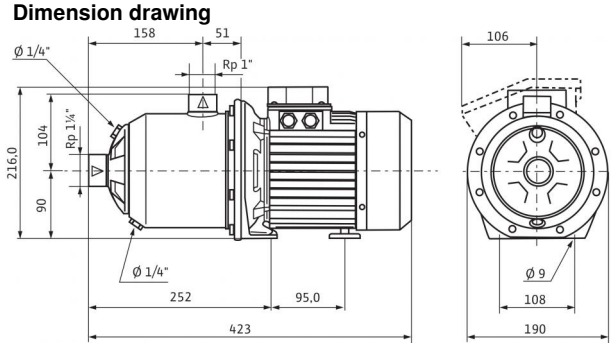
Data sheet: Economy MHI 404 (1~230 V, EPDM)

Pump curves

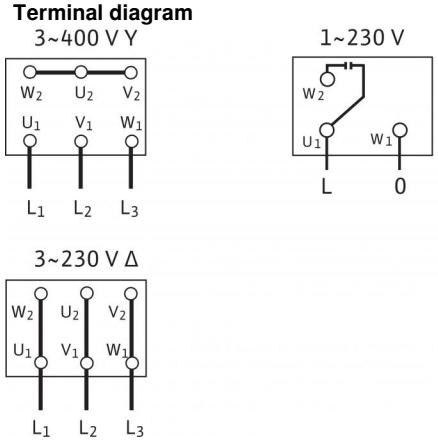


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.09 kW
Nominal current 1~230 V, 50 Hz I_N	5.1 A
Motor efficiency $\eta_{m\ 50\%}$	57.7 %
Motor efficiency $\eta_{m\ 75\%}$	62.8 %
Motor efficiency $\eta_{m\ 100\%}$	62.3 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 404
Art no.	4024296
Weight approx. *m*	12.2 kg

• = available, - = not available

Note on inlet pressure

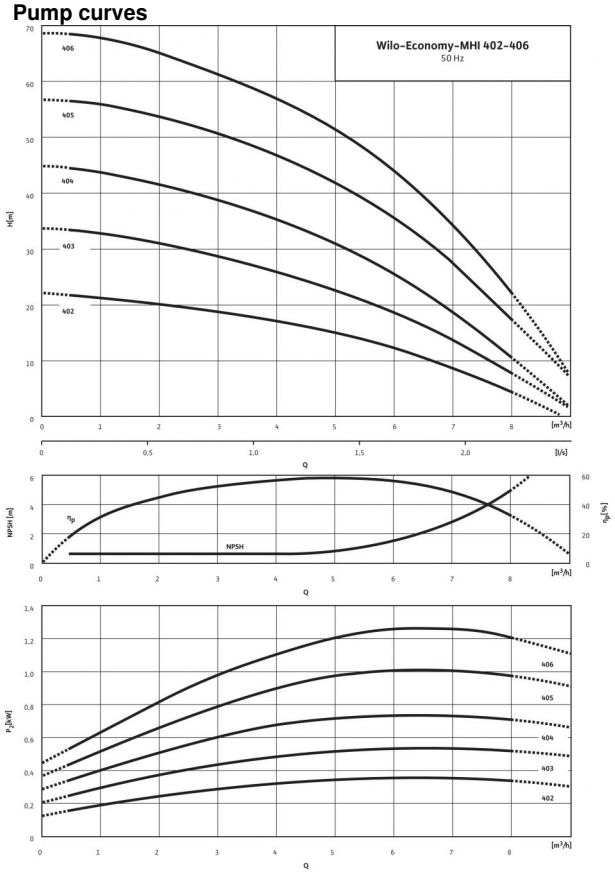
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

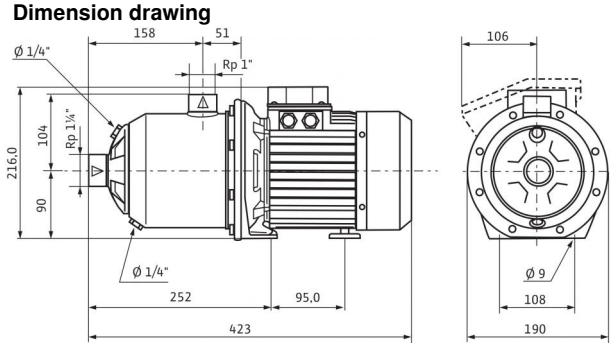
Data sheet: Economy MHI 404 (1~230 V, FKM)

Pump curves

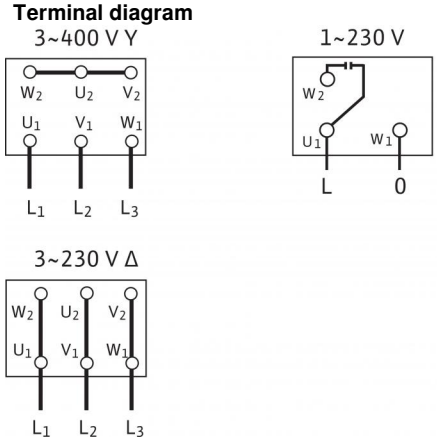


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.09 kW
Nominal current 1~230 V, 50 Hz I_N	5.1 A
Motor efficiency $\eta_{m\ 50\%}$	57.7 %
Motor efficiency $\eta_{m\ 75\%}$	62.8 %
Motor efficiency $\eta_{m\ 100\%}$	62.3 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 404
Art no.	4015690
Weight approx. *m*	12.2 kg

• = available, - = not available

Note on inlet pressure

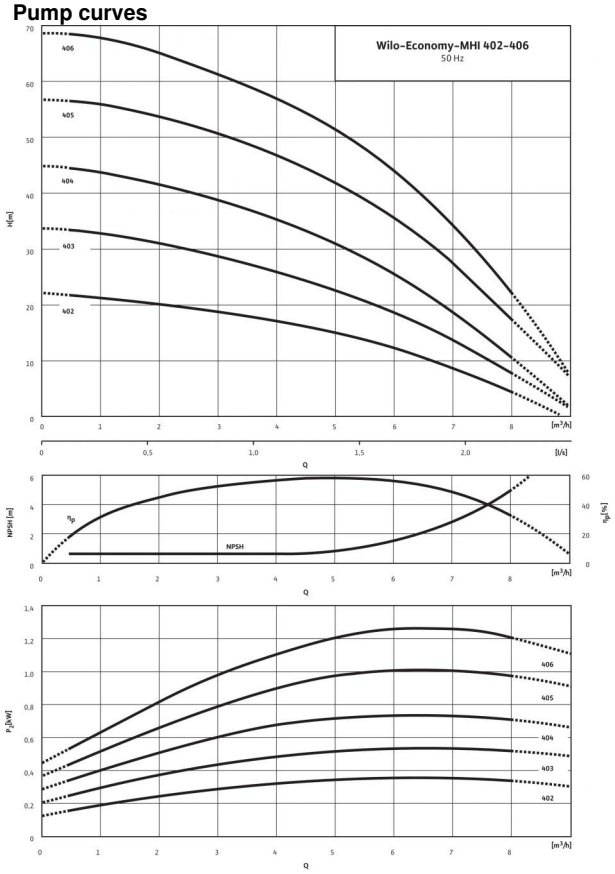
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

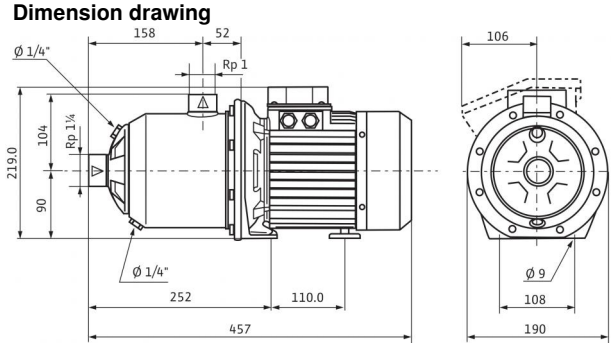
Data sheet: Economy MHI 404 (3~400 V, EPDM)

Pump curves

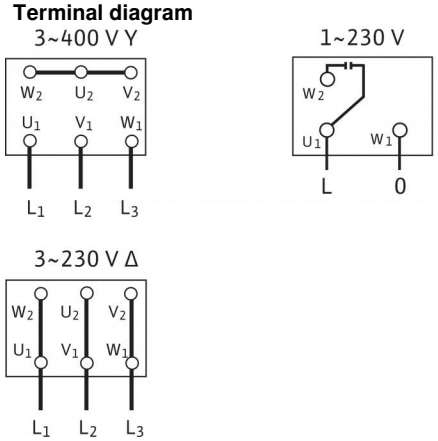


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.1 kW
Nominal current 3~230 V, 50 Hz I_N	3.4 A
Nominal current 3~400 V, 50 Hz I_N	1.95 A
Motor efficiency $\eta_{m\ 50\%}$	79.5 %
Motor efficiency $\eta_{m\ 75\%}$	80.7 %
Motor efficiency $\eta_{m\ 100\%}$	80.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 404
Art no.	4210725
Weight approx. *m*	13.0 kg

• = available, - = not available

Note on inlet pressure

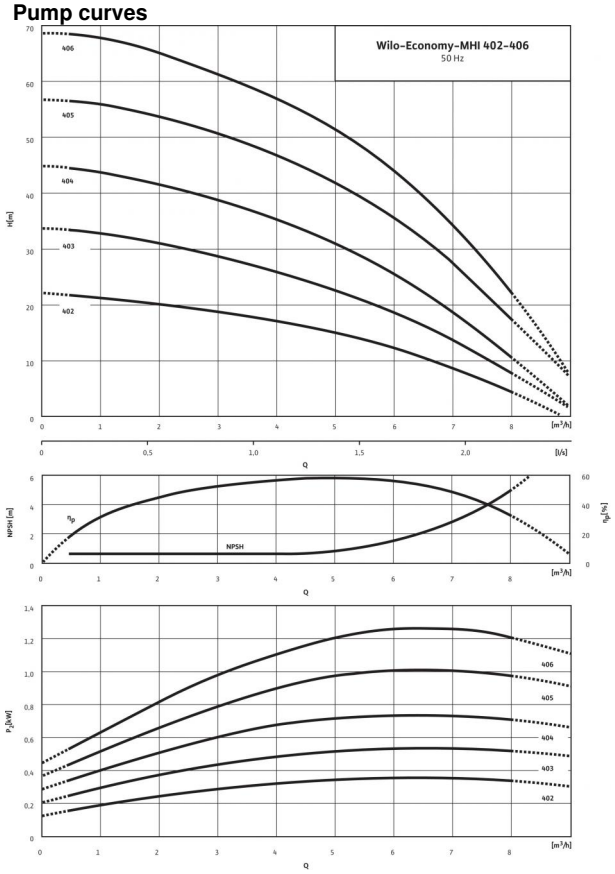
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

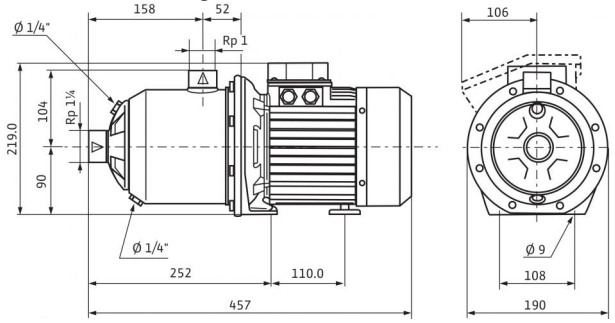
Data sheet: Economy MHI 404 (3~400 V, FKM)

Pump curves

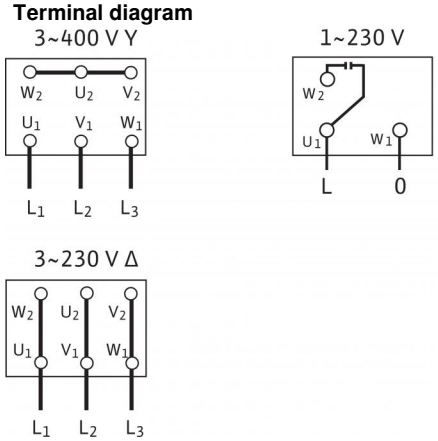


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.1 kW
Nominal current 3~230 V, 50 Hz I_N	3.4 A
Nominal current 3~400 V, 50 Hz I_N	1.95 A
Motor efficiency $\eta_{m\ 50\%}$	79.5 %
Motor efficiency $\eta_{m\ 75\%}$	80.7 %
Motor efficiency $\eta_{m\ 100\%}$	80.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 404
Art no.	4210731
Weight approx. *m*	13.0 kg

• = available, - = not available

Note on inlet pressure

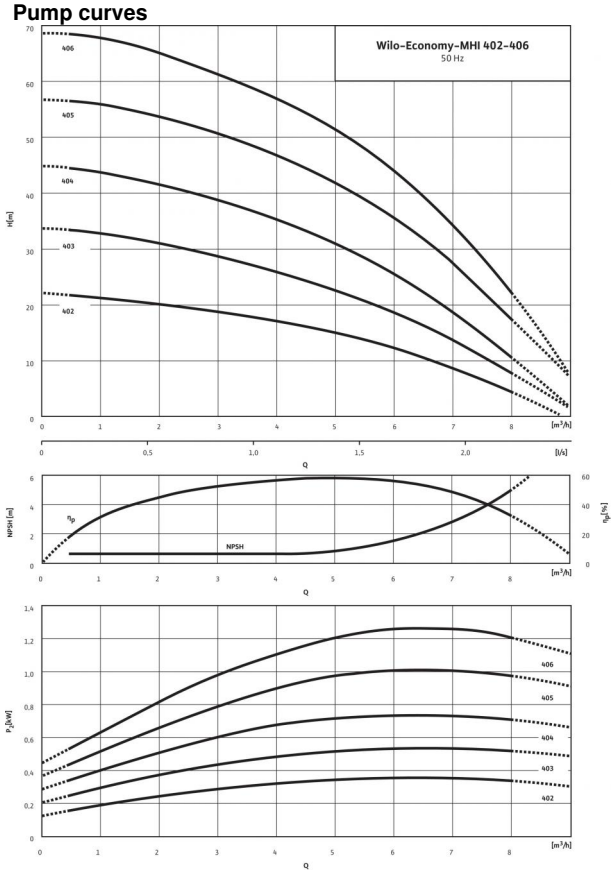
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

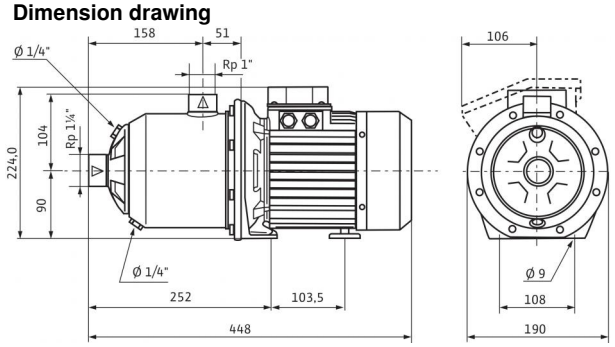
Data sheet: Economy MHI 405 (1~230 V, EPDM)

Pump curves

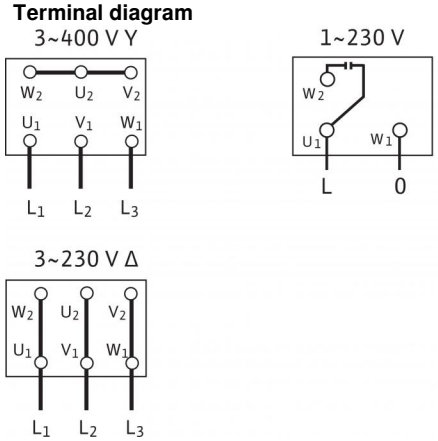


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15 ... 110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.51 kW
Nominal current 1~230 V, 50 Hz I_N	7.2 A
Motor efficiency $\eta_{m\ 50\%}$	56.9 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	67.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 405
Art no.	4024298
Weight approx. *m*	15.2 kg

• = available, - = not available

Note on inlet pressure

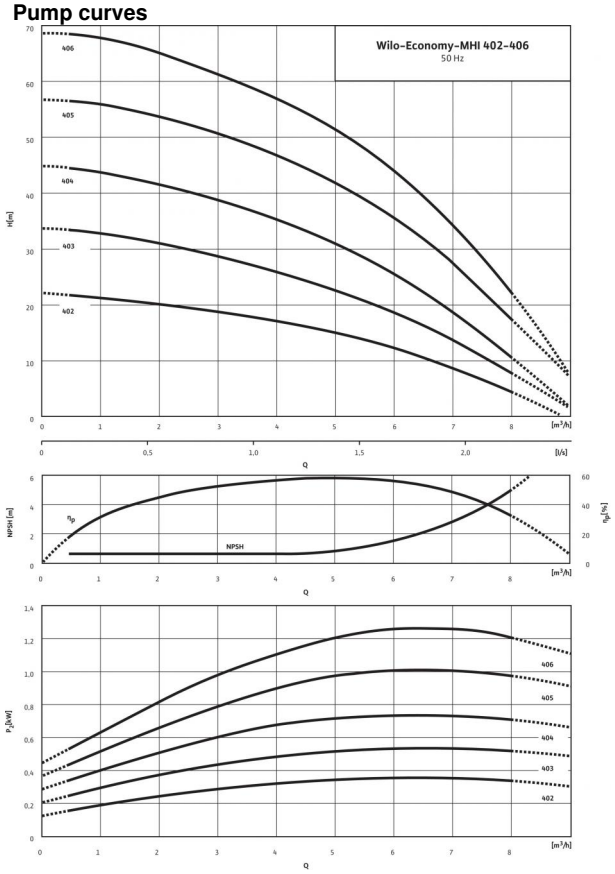
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

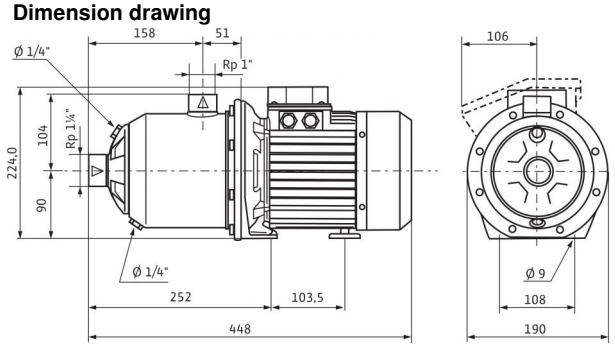
Data sheet: Economy MHI 405 (1~230 V, FKM)

Pump curves

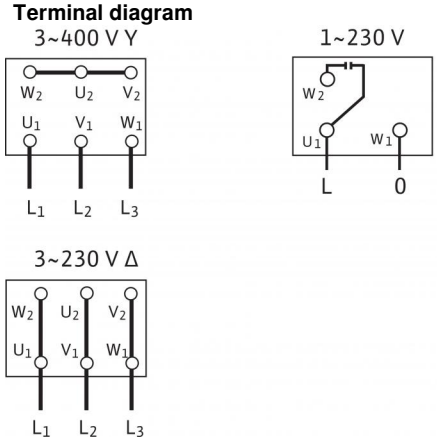


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15 ... 90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.51 kW
Nominal current 1~230 V, 50 Hz I_N	7.2 A
Motor efficiency $\eta_{m\ 50\%}$	56.9 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	67.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 405
Art no.	4015692
Weight approx. *m*	15.2 kg

• = available, - = not available

Note on inlet pressure

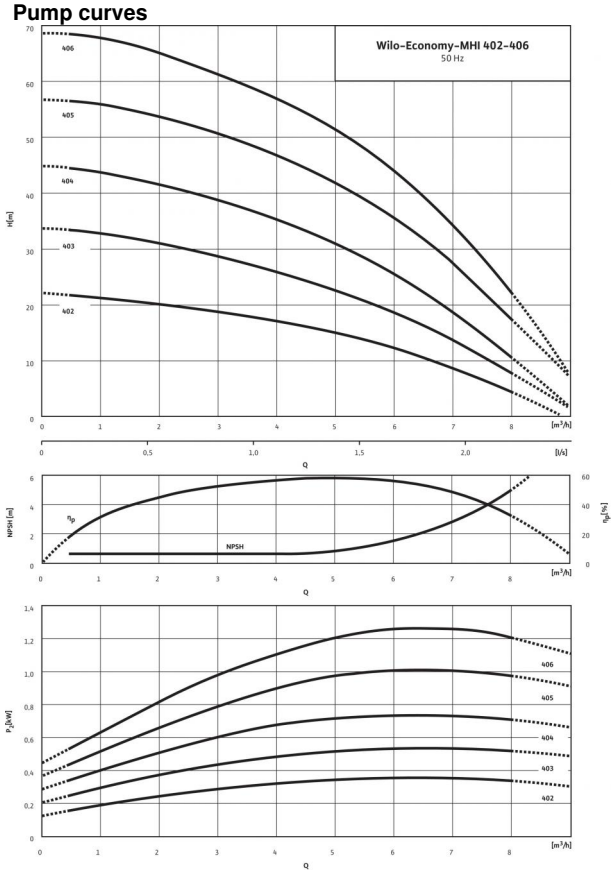
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

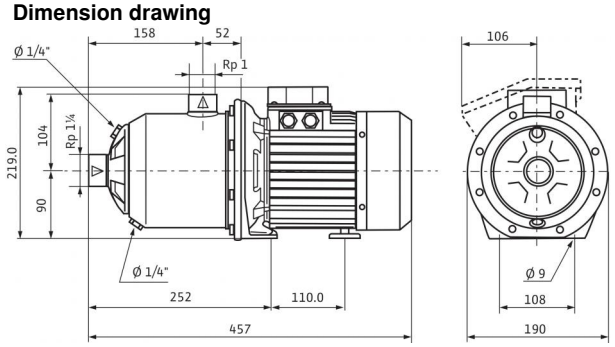
Data sheet: Economy MHI 405 (3~400 V, EPDM)

Pump curves

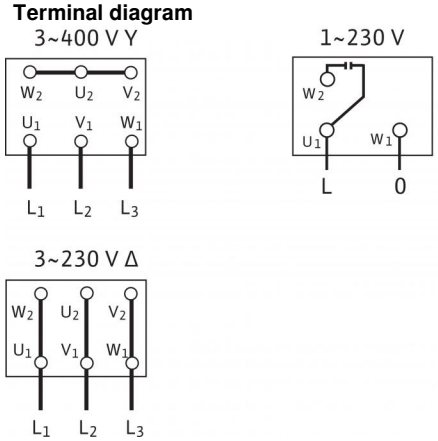


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.58 kW
Nominal current 3~230 V, 50 Hz I_N	4.8 A
Nominal current 3~400 V, 50 Hz I_N	2.8 A
Motor efficiency $\eta_{m\ 50\%}$	81.5 %
Motor efficiency $\eta_{m\ 75\%}$	82.7 %
Motor efficiency $\eta_{m\ 100\%}$	82.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 405
Art no.	4210732
Weight approx. *m*	13.8 kg

• = available, - = not available

Note on inlet pressure

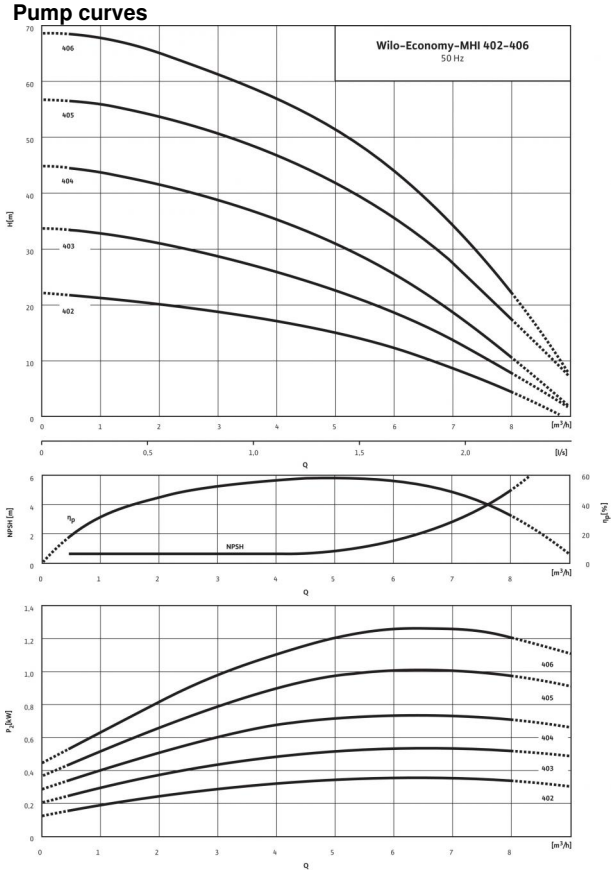
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

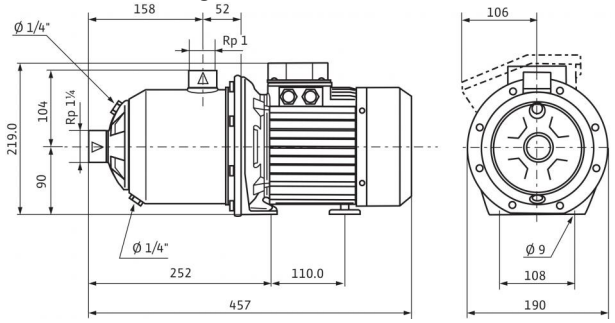
Data sheet: Economy MHI 405 (3~400 V, FKM)

Pump curves

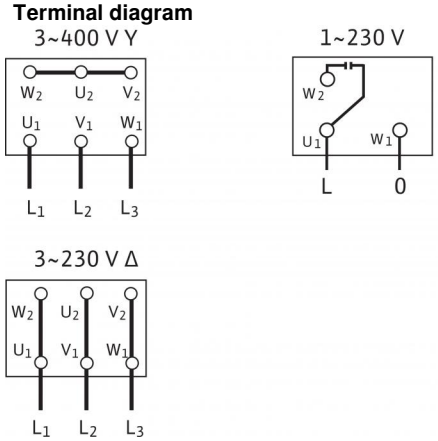


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.58 kW
Nominal current 3~230 V, 50 Hz I_N	4.8 A
Nominal current 3~400 V, 50 Hz I_N	2.8 A
Motor efficiency $\eta_{m\ 50\%}$	81.5 %
Motor efficiency $\eta_{m\ 75\%}$	82.7 %
Motor efficiency $\eta_{m\ 100\%}$	82.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 405
Art no.	4210734
Weight approx. *m*	13.8 kg

• = available, - = not available

Note on inlet pressure

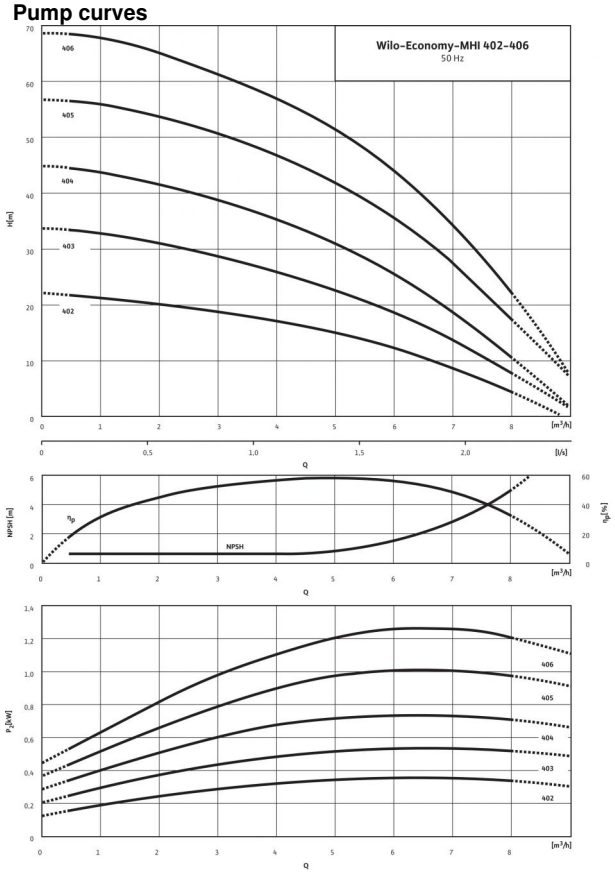
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

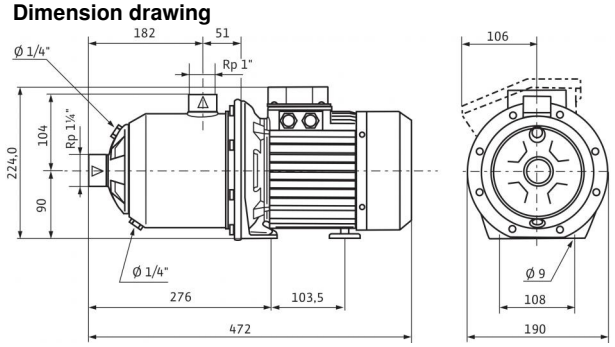
Data sheet: Economy MHI 406 (1~230 V, EPDM)

Pump curves

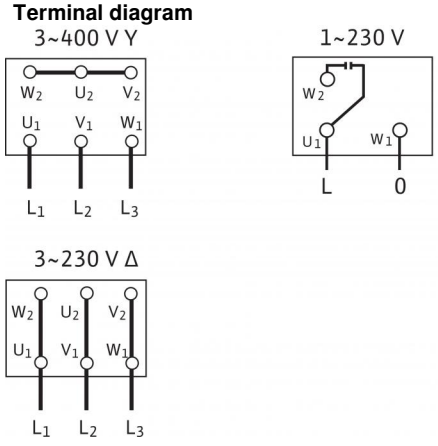


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15 ... 110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.50 kW
Power consumption P_1	1.91 kW
Nominal current 1~230 V, 50 Hz I_N	9.2 A
Motor efficiency $\eta_{m\ 50\%}$	59.6 %
Motor efficiency $\eta_{m\ 75\%}$	66.4 %
Motor efficiency $\eta_{m\ 100\%}$	67.8 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 406
Art no.	4024300
Weight approx. *m*	17.8 kg

• = available, - = not available

Note on inlet pressure

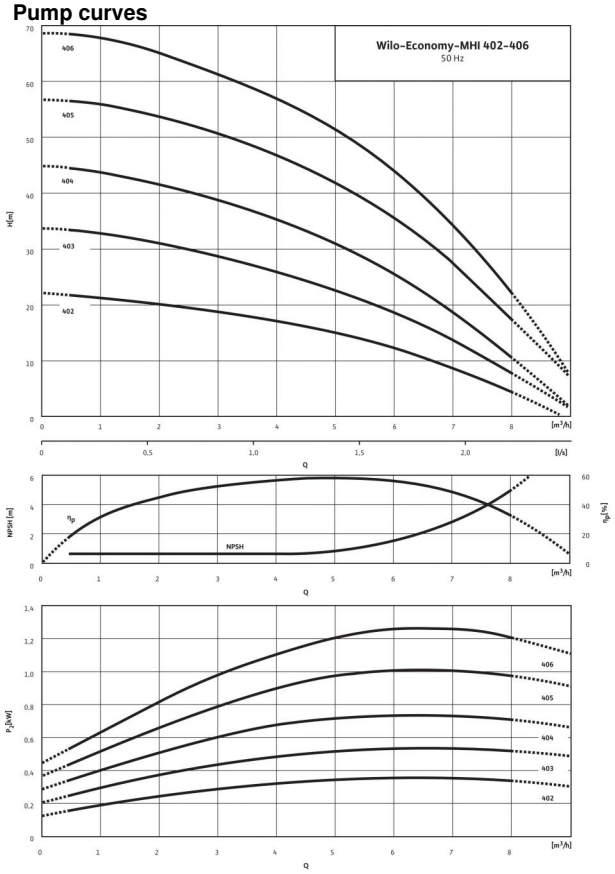
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

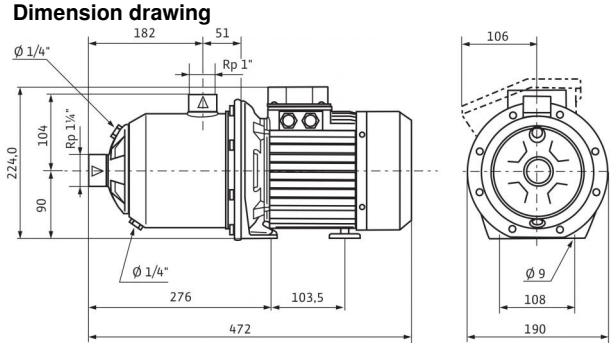
Data sheet: Economy MHI 406 (1~230 V, FKM)

Pump curves

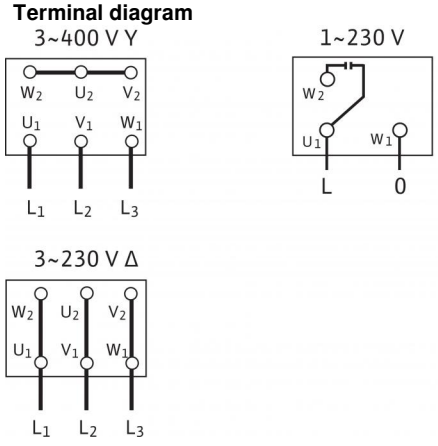


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15 ... 90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.50 kW
Power consumption P_1	1.91 kW
Nominal current 1~230 V, 50 Hz I_N	9.2 A
Motor efficiency $\eta_{m\ 50\%}$	59.6 %
Motor efficiency $\eta_{m\ 75\%}$	66.4 %
Motor efficiency $\eta_{m\ 100\%}$	67.8 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 406
Art no.	4015694
Weight approx. *m*	17.8 kg

• = available, - = not available

Note on inlet pressure

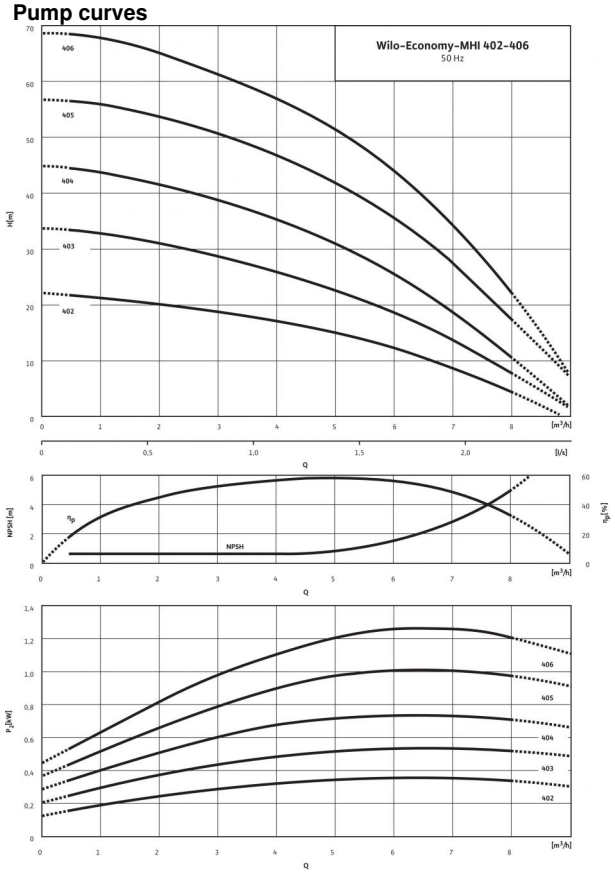
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

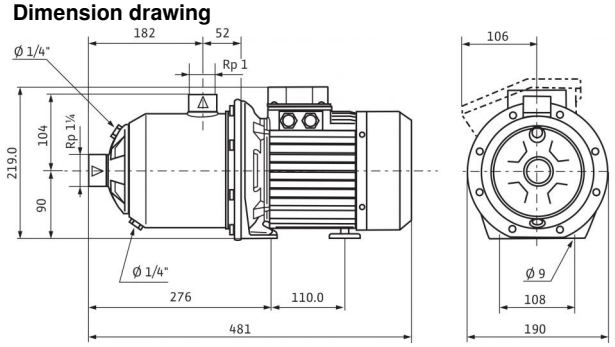
Data sheet: Economy MHI 406 (3~400 V, EPDM)

Pump curves

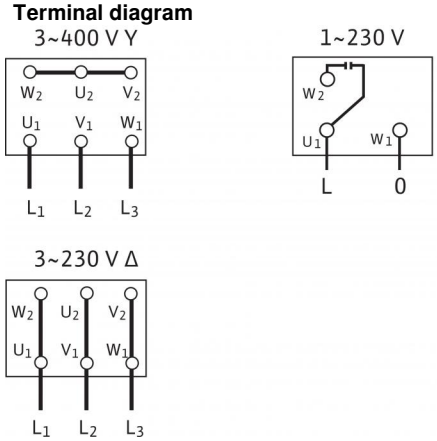


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.58 kW
Nominal current 3~230 V, 50 Hz I_N	4.8 A
Nominal current 3~400 V, 50 Hz I_N	2.8 A
Motor efficiency $\eta_{m\ 50\%}$	81.5 %
Motor efficiency $\eta_{m\ 75\%}$	82.7 %
Motor efficiency $\eta_{m\ 100\%}$	82.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 406
Art no.	4210735
Weight approx. *m*	16.0 kg

• = available, - = not available

Note on inlet pressure

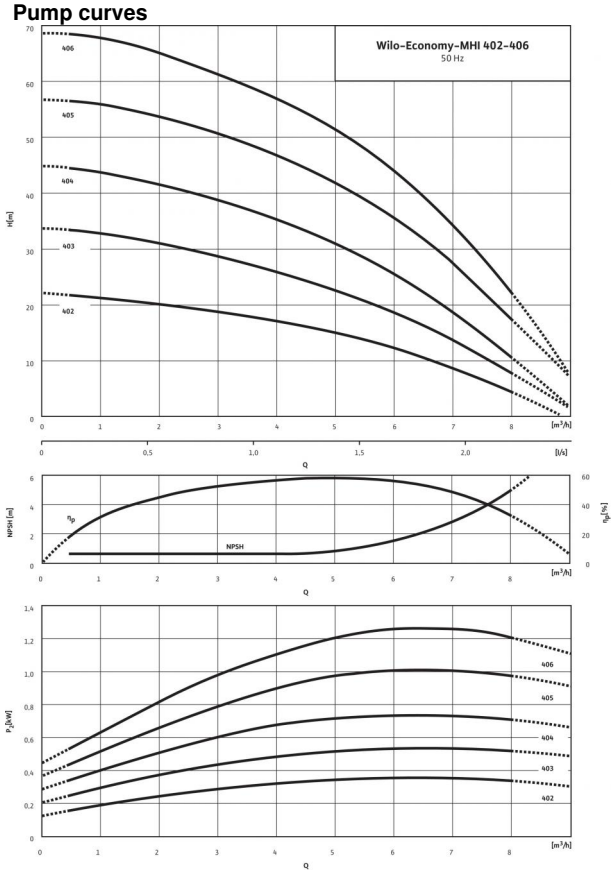
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

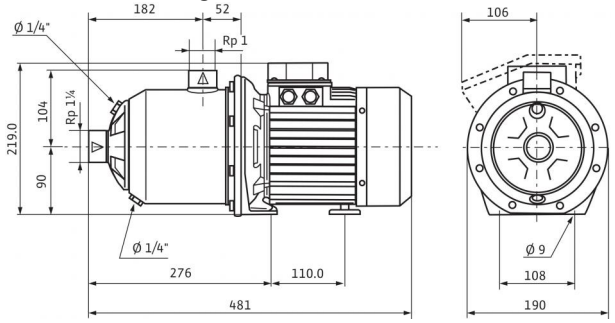
Data sheet: Economy MHI 406 (3~400 V, FKM)

Pump curves

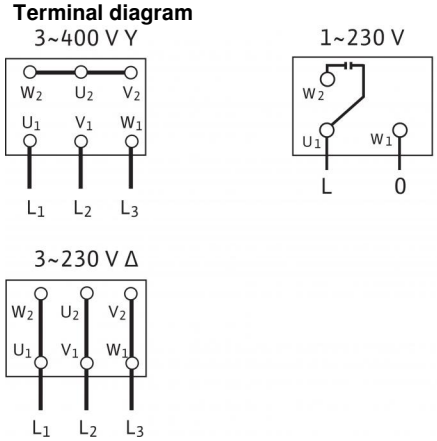


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.58 kW
Nominal current 3~230 V, 50 Hz I_N	4.8 A
Nominal current 3~400 V, 50 Hz I_N	2.8 A
Motor efficiency $\eta_{m\ 50\%}$	81.5 %
Motor efficiency $\eta_{m\ 75\%}$	82.7 %
Motor efficiency $\eta_{m\ 100\%}$	82.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 406
Art no.	4210737
Weight approx. *m*	16.0 kg

• = available, - = not available

Note on inlet pressure

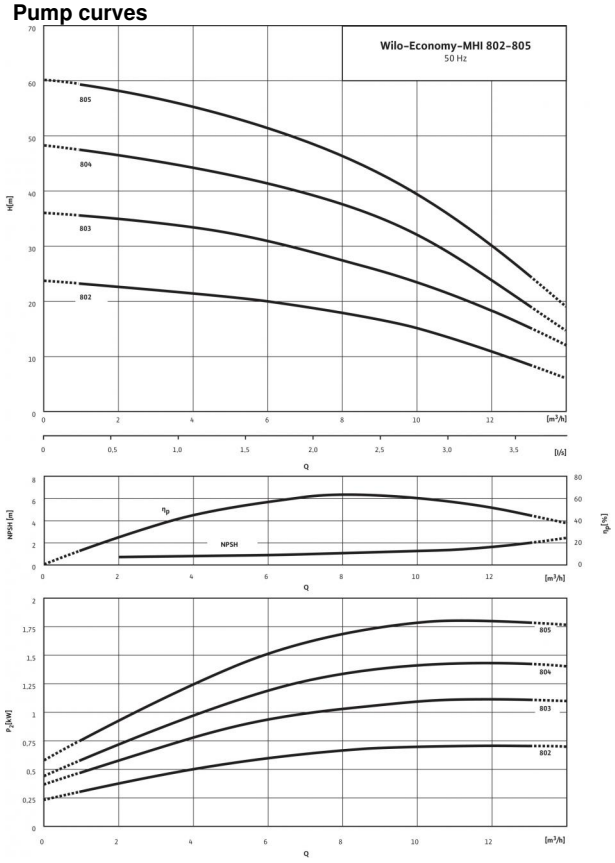
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

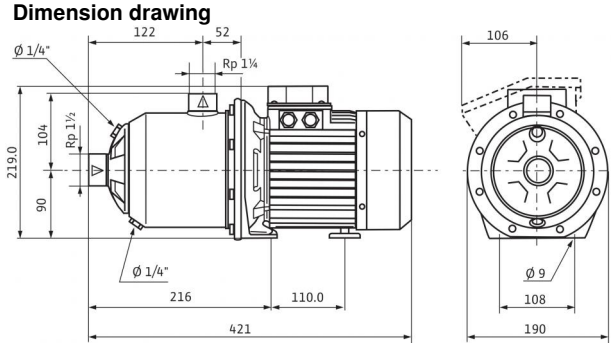
Data sheet: Economy MHI 801 (3~400 V, EPDM)

Pump curves

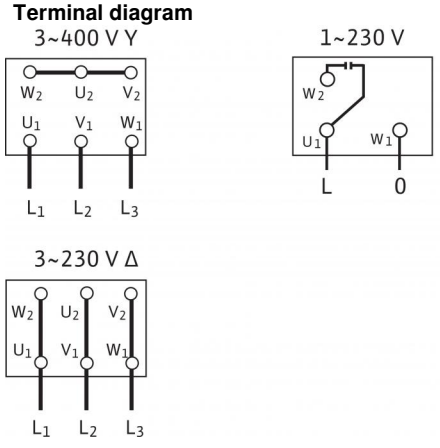


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.1 kW
Nominal current 3~230 V, 50 Hz I_N	3.4 A
Nominal current 3~400 V, 50 Hz I_N	1.95 A
Motor efficiency $\eta_{m\ 50\%}$	79.5 %
Motor efficiency $\eta_{m\ 75\%}$	80.7 %
Motor efficiency $\eta_{m\ 100\%}$	80.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 801
Art no.	4210738
Weight approx. *m*	12.1 kg

• = available, - = not available

Note on inlet pressure

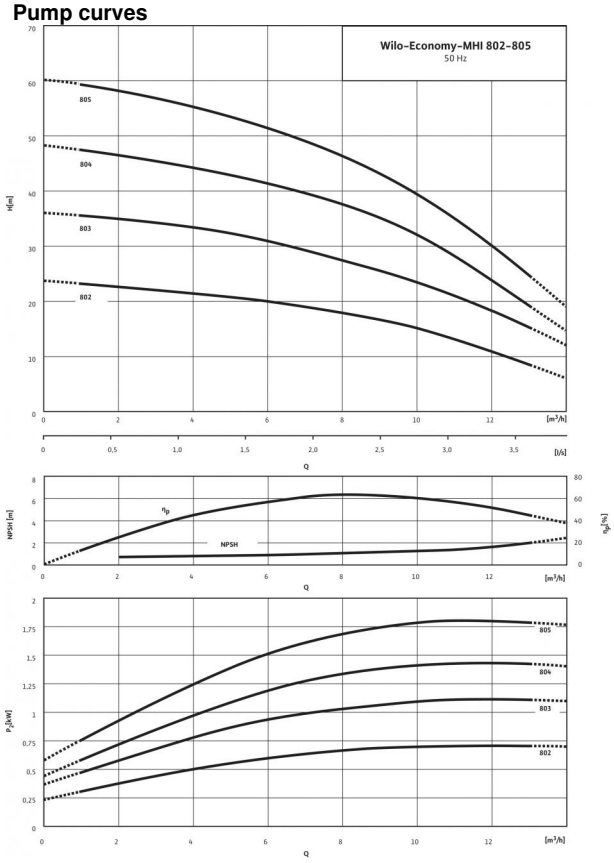
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

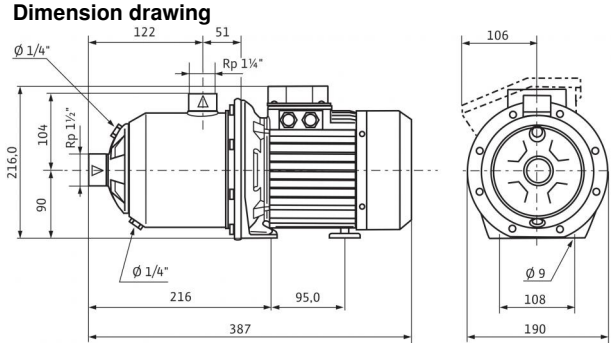
Data sheet: Economy MHI 802 (1~230 V, EPDM)

Pump curves

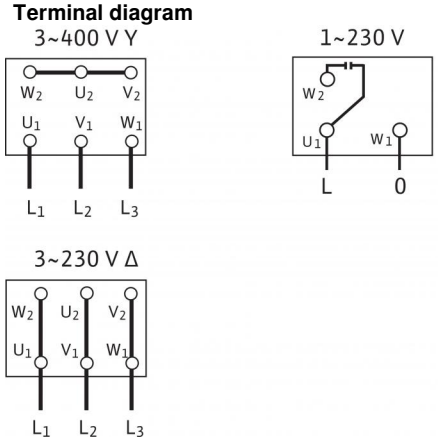


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.09 kW
Nominal current 1~230 V, 50 Hz I_N	5.1 A
Motor efficiency $\eta_{m\ 50\%}$	57.7 %
Motor efficiency $\eta_{m\ 75\%}$	62.8 %
Motor efficiency $\eta_{m\ 100\%}$	62.3 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 802
Art no.	4024302
Weight approx. *m*	15.8 kg

• = available, - = not available

Note on inlet pressure

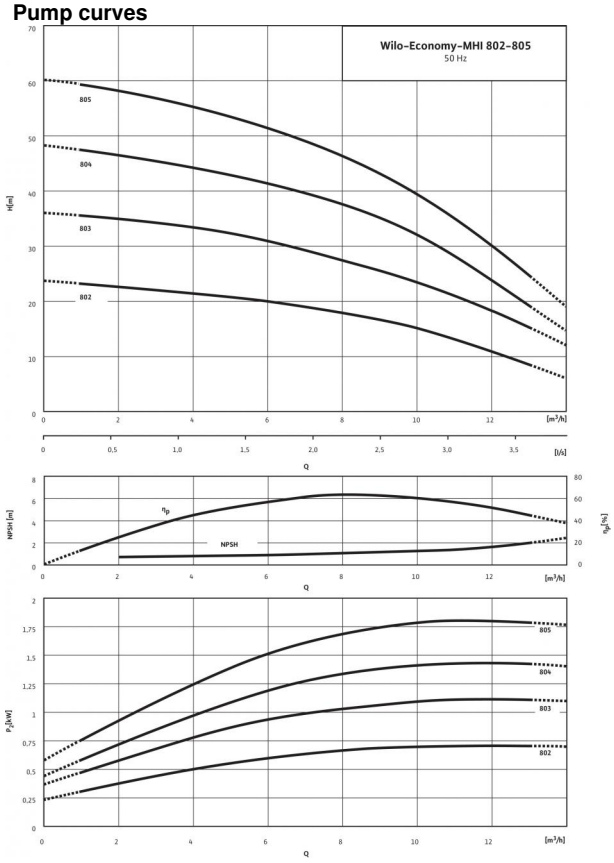
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

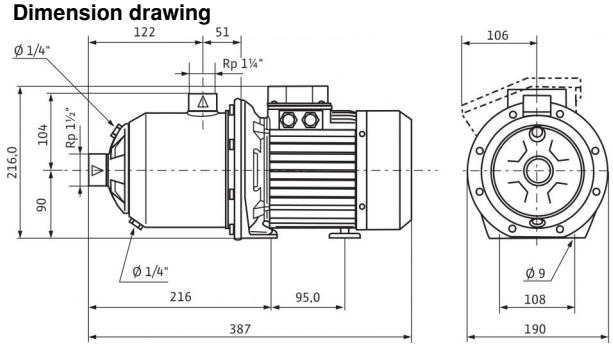
Data sheet: Economy MHI 802 (1~230 V, FKM)

Pump curves

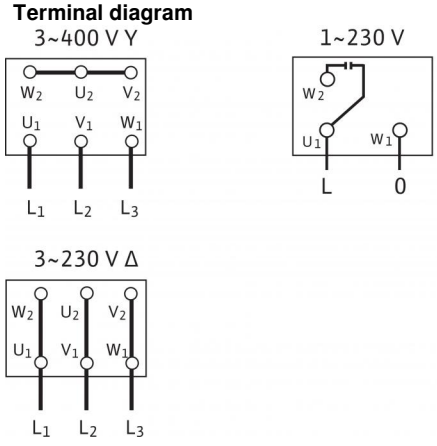


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.09 kW
Nominal current 1~230 V, 50 Hz I_N	5.1 A
Motor efficiency $\eta_{m\ 50\%}$	57.7 %
Motor efficiency $\eta_{m\ 75\%}$	62.8 %
Motor efficiency $\eta_{m\ 100\%}$	62.3 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 802
Art no.	4015696
Weight approx. *m*	15.8 kg

• = available, - = not available

Note on inlet pressure

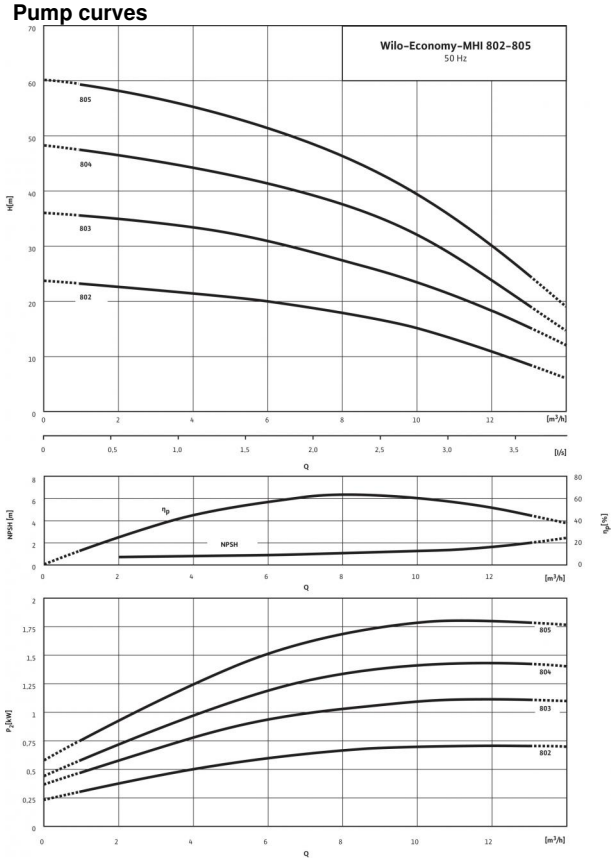
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

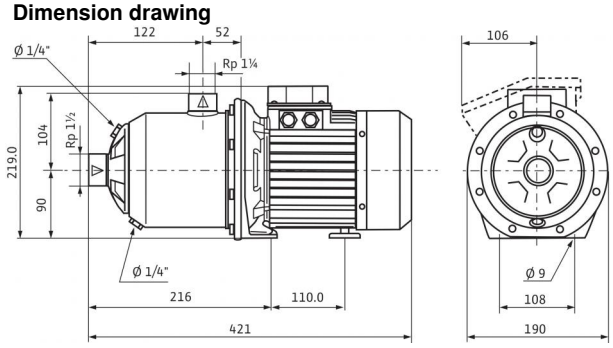
Data sheet: Economy MHI 802 (3~400 V, EPDM)

Pump curves

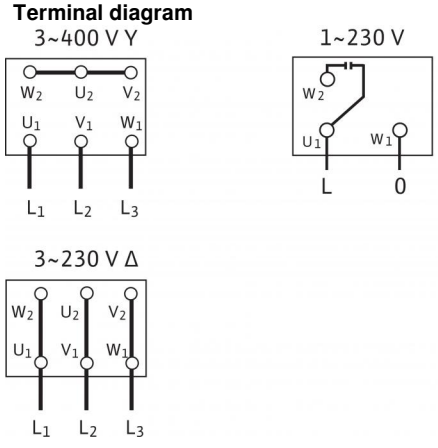


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.1 kW
Nominal current 3~230 V, 50 Hz I_N	3.4 A
Nominal current 3~400 V, 50 Hz I_N	1.95 A
Motor efficiency $\eta_{m\ 50\%}$	79.5 %
Motor efficiency $\eta_{m\ 75\%}$	80.7 %
Motor efficiency $\eta_{m\ 100\%}$	80.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 802
Art no.	4210739
Weight approx. *m*	12.3 kg

• = available, - = not available

Note on inlet pressure

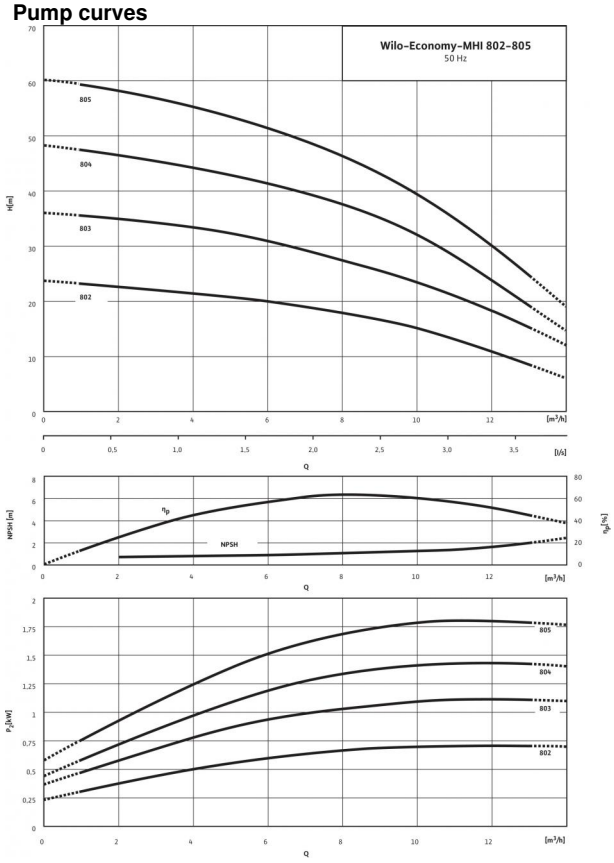
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

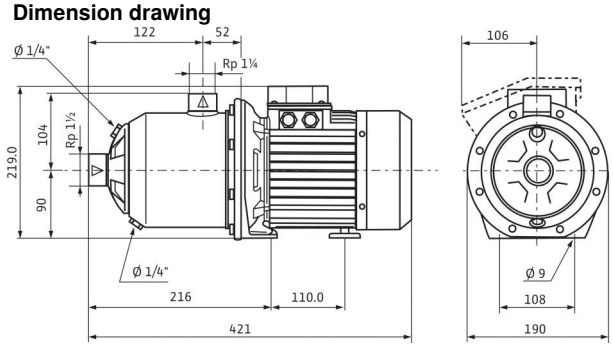
Data sheet: Economy MHI 802 (3~400 V, FKM)

Pump curves

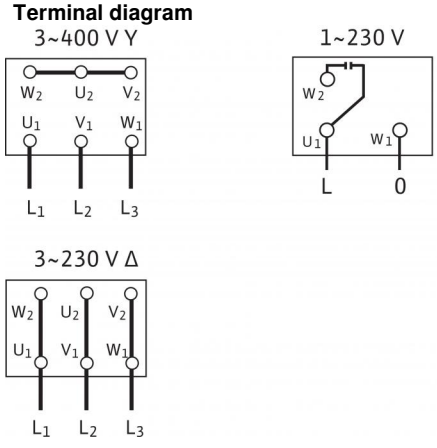


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	0.75 kW
Power consumption P_1	1.1 kW
Nominal current 3~230 V, 50 Hz I_N	3.4 A
Nominal current 3~400 V, 50 Hz I_N	1.95 A
Motor efficiency $\eta_{m\ 50\%}$	79.5 %
Motor efficiency $\eta_{m\ 75\%}$	80.7 %
Motor efficiency $\eta_{m\ 100\%}$	80.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 802
Art no.	4210742
Weight approx. *m*	12.3 kg

• = available, - = not available

Note on inlet pressure

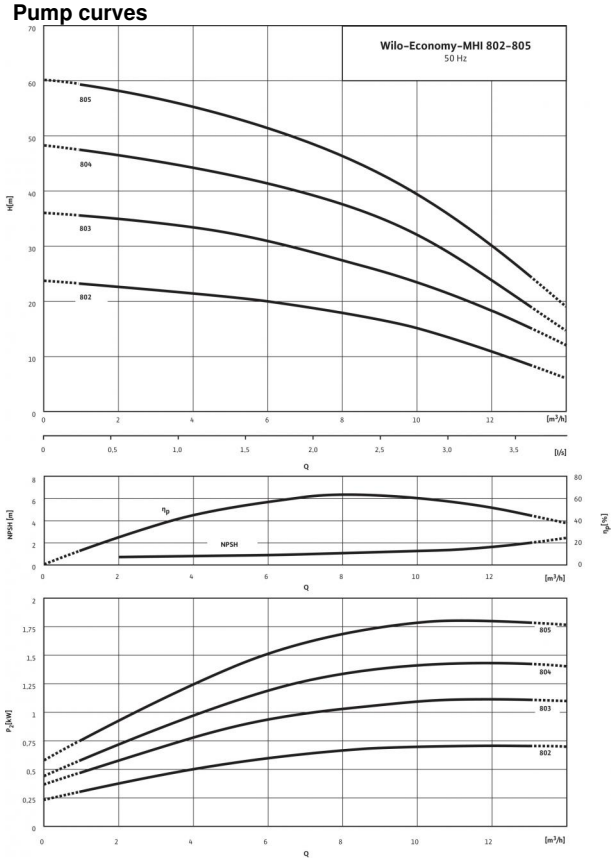
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

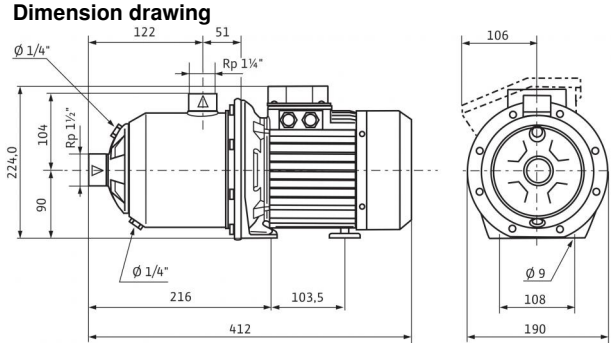
Data sheet: Economy MHI 803 (1~230 V, EPDM)

Pump curves

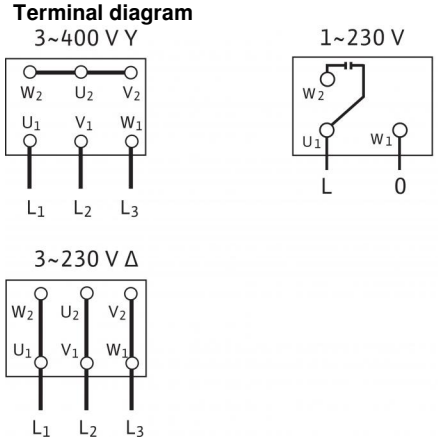


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15 ... 110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.51 kW
Nominal current 1~230 V, 50 Hz I_N	7.2 A
Motor efficiency $\eta_{m\ 50\%}$	56.9 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	67.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 803
Art no.	4024304
Weight approx. *m*	14.5 kg

• = available, - = not available

Note on inlet pressure

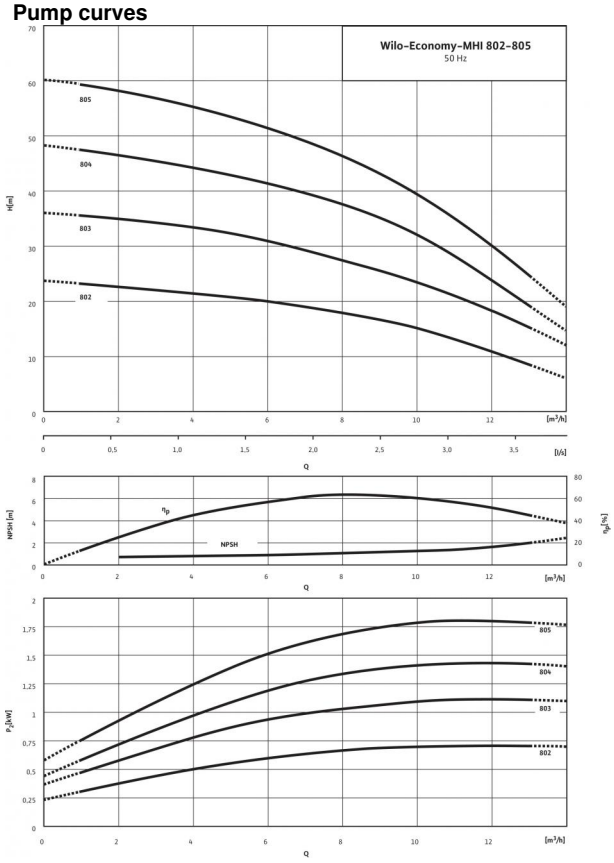
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

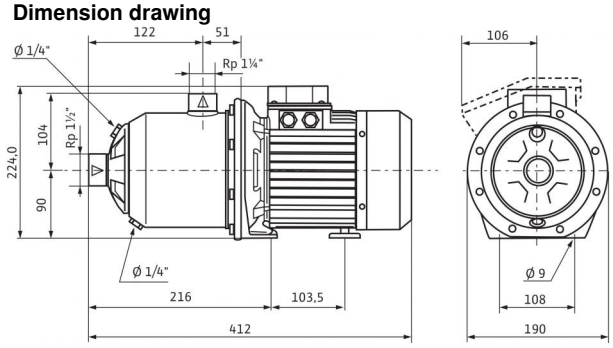
Data sheet: Economy MHI 803 (1~230 V, FKM)

Pump curves

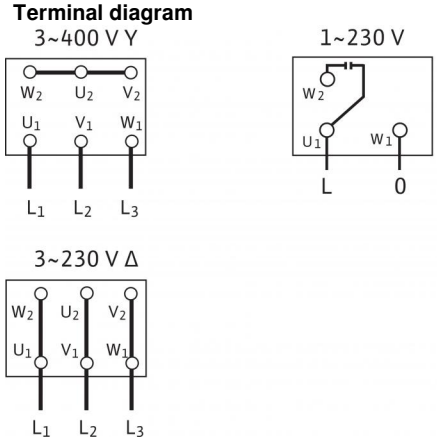


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15 ... 90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.51 kW
Nominal current 1~230 V, 50 Hz I_N	7.2 A
Motor efficiency $\eta_{m\ 50\%}$	56.9 %
Motor efficiency $\eta_{m\ 75\%}$	64.3 %
Motor efficiency $\eta_{m\ 100\%}$	67.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 803
Art no.	4015698
Weight approx. *m*	14.5 kg

• = available, - = not available

Note on inlet pressure

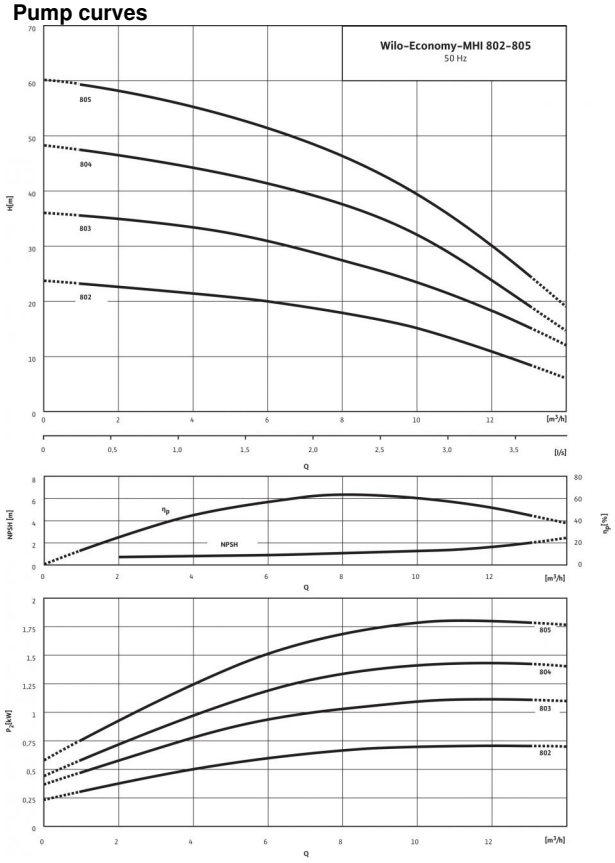
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

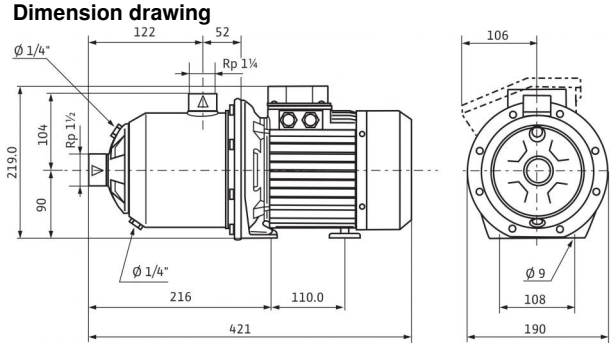
Data sheet: Economy MHI 803 (3~400 V, EPDM)

Pump curves

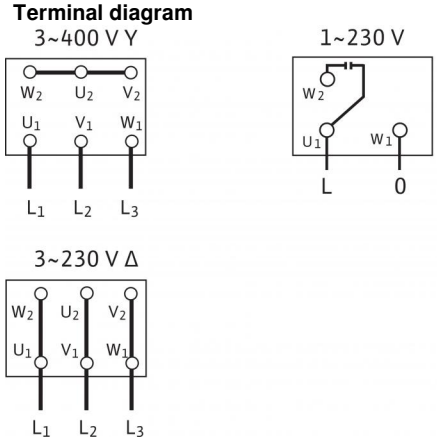


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.58 kW
Nominal current 3~230 V, 50 Hz I_N	4.8 A
Nominal current 3~400 V, 50 Hz I_N	2.8 A
Motor efficiency $\eta_{m\ 50\%}$	81.5 %
Motor efficiency $\eta_{m\ 75\%}$	82.7 %
Motor efficiency $\eta_{m\ 100\%}$	82.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 803
Art no.	4210743
Weight approx. *m*	13.1 kg

• = available, - = not available

Note on inlet pressure

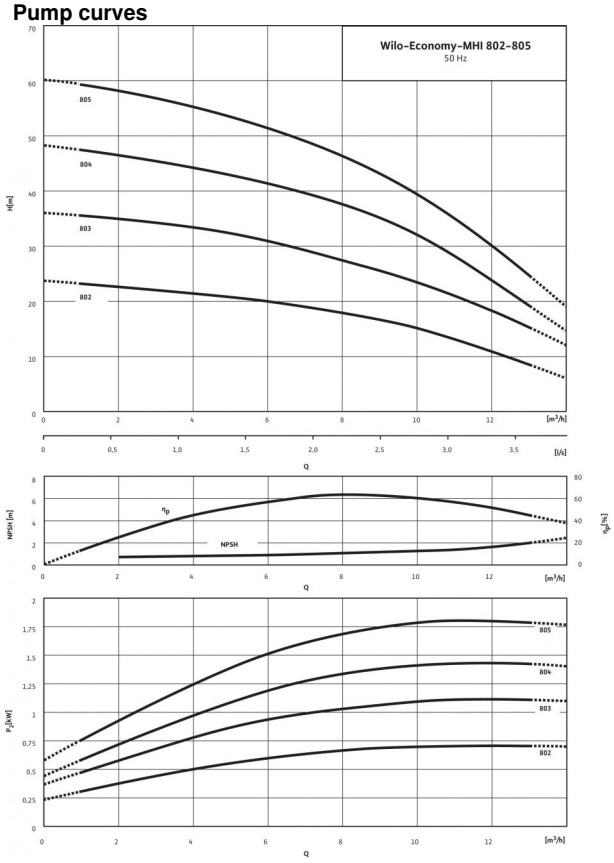
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

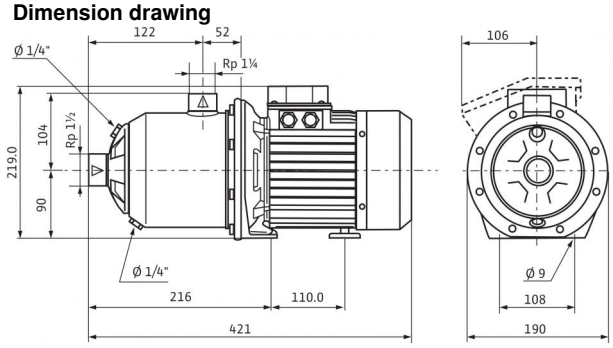
Data sheet: Economy MHI 803 (3~400 V, FKM)

Pump curves

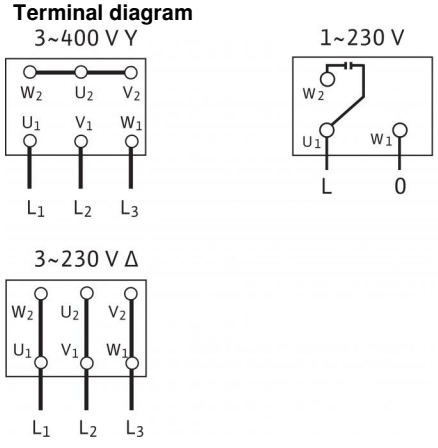


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.10 kW
Power consumption P_1	1.58 kW
Nominal current 3~230 V, 50 Hz I_N	4.8 A
Nominal current 3~400 V, 50 Hz I_N	2.8 A
Motor efficiency $\eta_{m\ 50\%}$	81.5 %
Motor efficiency $\eta_{m\ 75\%}$	82.7 %
Motor efficiency $\eta_{m\ 100\%}$	82.7 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 803
Art no.	4210746
Weight approx. *m*	13.1 kg

• = available, - = not available

Note on inlet pressure

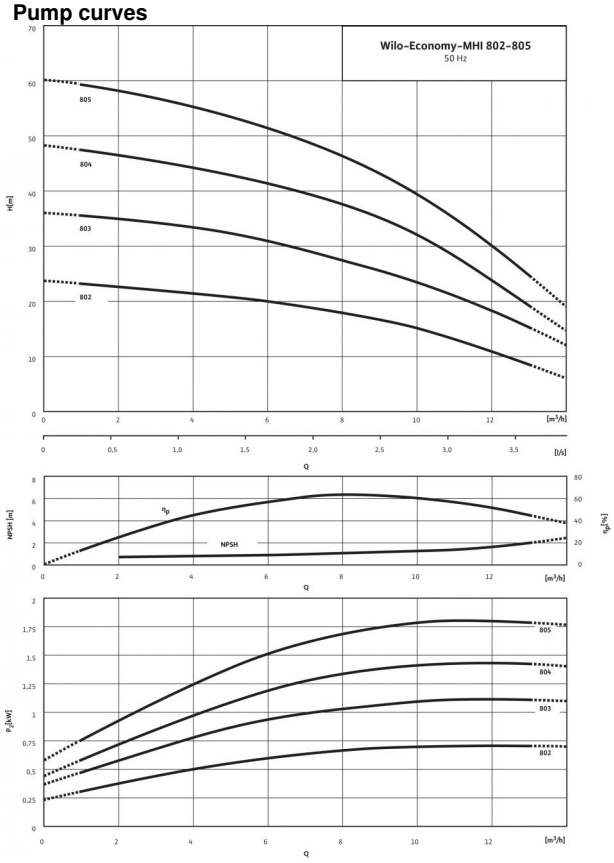
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

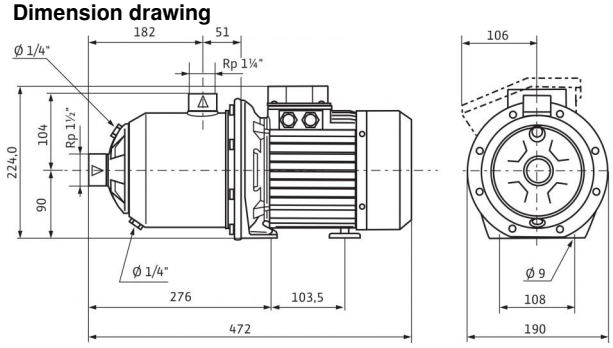
Data sheet: Economy MHI 804 (1~230 V, EPDM)

Pump curves

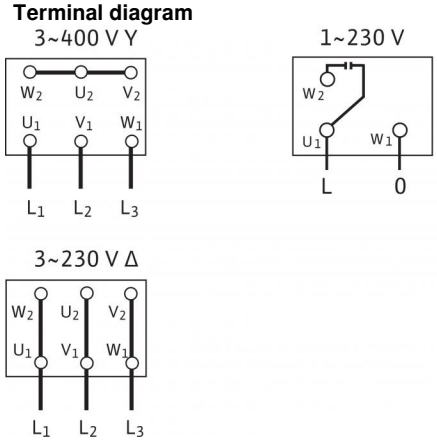


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15 ... 110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.50 kW
Power consumption P_1	1.91 kW
Nominal current 1~230 V, 50 Hz I_N	9.2 A
Motor efficiency $\eta_{m\ 50\%}$	59.6 %
Motor efficiency $\eta_{m\ 75\%}$	66.4 %
Motor efficiency $\eta_{m\ 100\%}$	67.8 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 804
Art no.	4024306
Weight approx. *m*	16.0 kg

• = available, - = not available

Note on inlet pressure

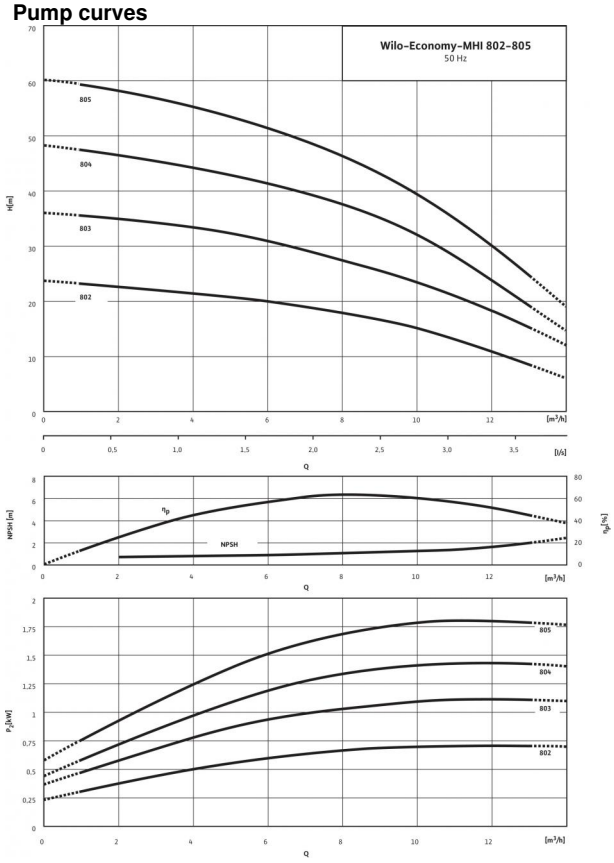
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

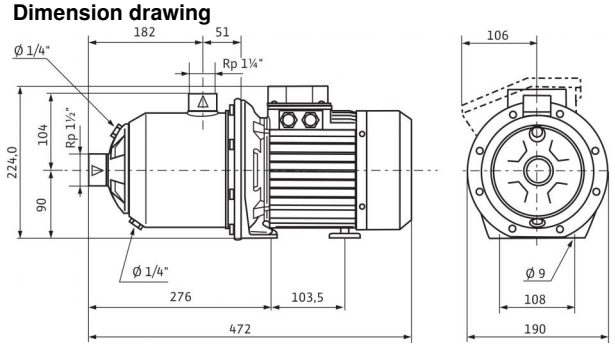
Data sheet: Economy MHI 804 (1~230 V, FKM)

Pump curves

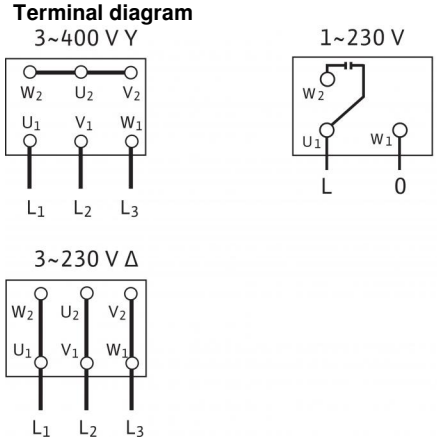


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15 ... 90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P_2	1.50 kW
Power consumption P_1	1.91 kW
Nominal current 1~230 V, 50 Hz I_N	9.2 A
Motor efficiency $\eta_{m\ 50\%}$	59.6 %
Motor efficiency $\eta_{m\ 75\%}$	66.4 %
Motor efficiency $\eta_{m\ 100\%}$	67.8 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 804
Art no.	4015700
Weight approx. *m*	16.0 kg

• = available, - = not available

Note on inlet pressure

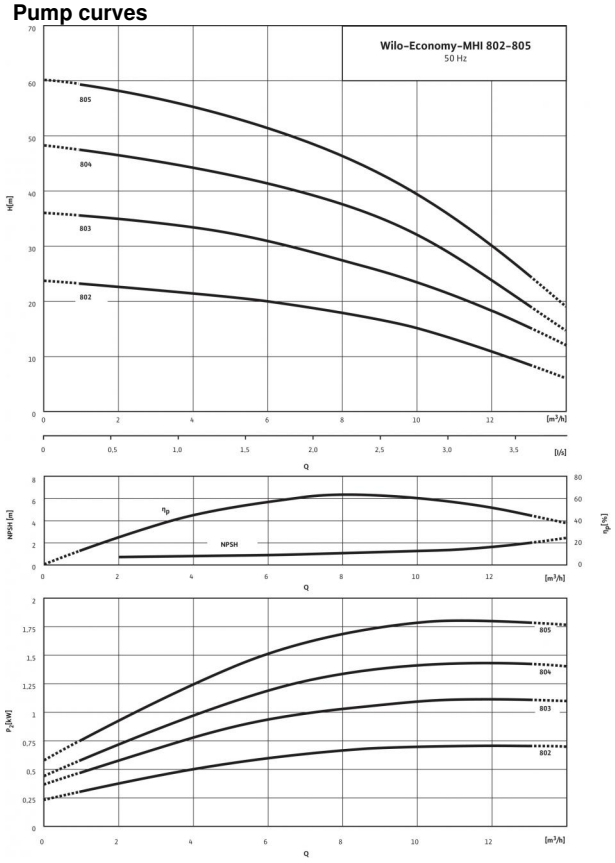
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

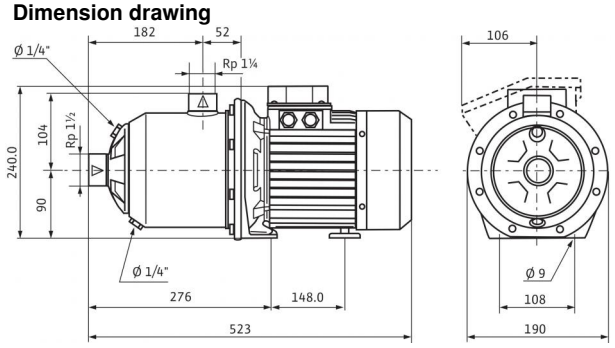
Data sheet: Economy MHI 804 (3~400 V, EPDM)

Pump curves

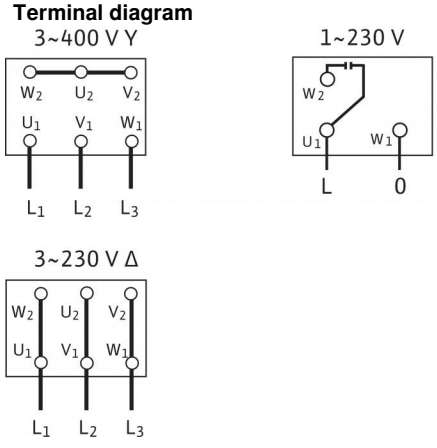


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.50 kW
Power consumption P_1	2.09 kW
Nominal current 3~230 V, 50 Hz I_N	6.4 A
Nominal current 3~400 V, 50 Hz I_N	3.7 A
Motor efficiency $\eta_{m\ 50\%}$	83.0 %
Motor efficiency $\eta_{m\ 75\%}$	84.2 %
Motor efficiency $\eta_{m\ 100\%}$	84.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 804
Art no.	4210747
Weight approx. *m*	19.1 kg

• = available, - = not available

Note on inlet pressure

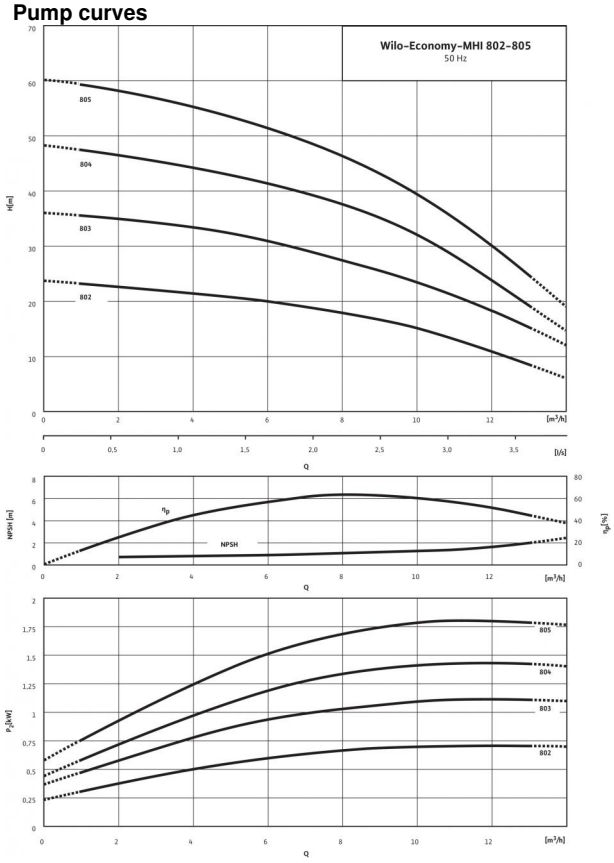
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

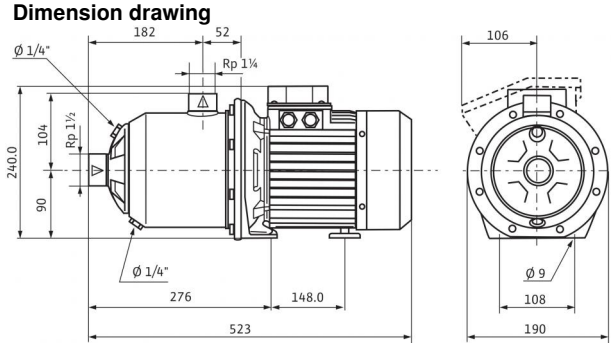
Data sheet: Economy MHI 804 (3~400 V, FKM)

Pump curves

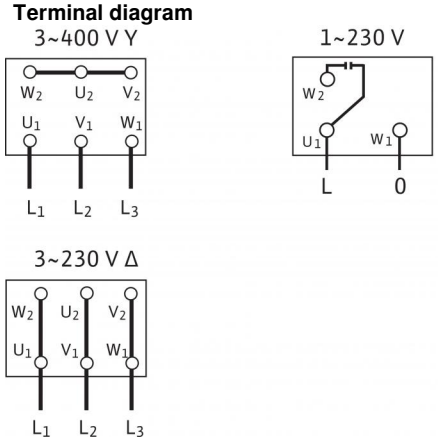


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.50 kW
Power consumption P_1	2.09 kW
Nominal current 3~230 V, 50 Hz I_N	6.4 A
Nominal current 3~400 V, 50 Hz I_N	3.7 A
Motor efficiency $\eta_{m\ 50\%}$	83.0 %
Motor efficiency $\eta_{m\ 75\%}$	84.2 %
Motor efficiency $\eta_{m\ 100\%}$	84.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 804
Art no.	4210749
Weight approx. *m*	19.1 kg

• = available, - = not available

Note on inlet pressure

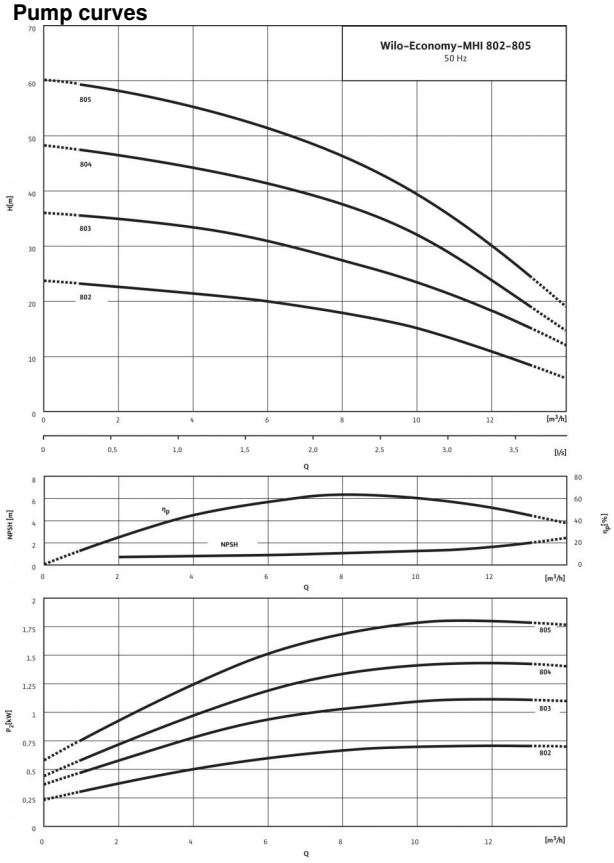
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

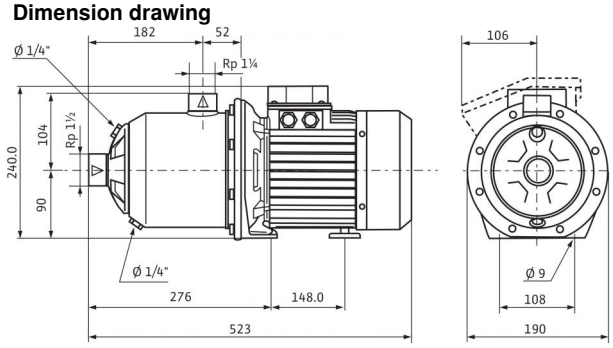
Data sheet: Economy MHI 805 (3~400 V, EPDM)

Pump curves

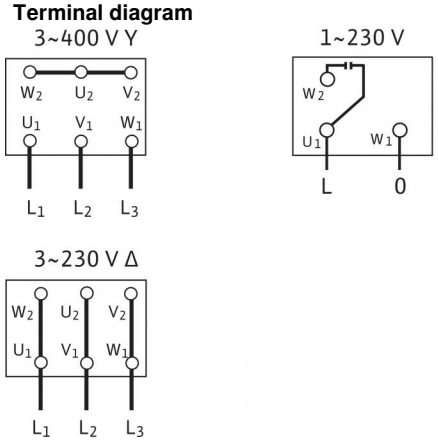


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	2.20 kW
Power consumption P_1	3.02 kW
Nominal current 3~230 V, 50 Hz I_N	9.4 A
Nominal current 3~400 V, 50 Hz I_N	5.4 A
Motor efficiency $\eta_{m\ 50\%}$	84.5 %
Motor efficiency $\eta_{m\ 75\%}$	85.9 %
Motor efficiency $\eta_{m\ 100\%}$	85.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 805
Art no.	4210750
Weight approx. *m*	20.5 kg

• = available, - = not available

Note on inlet pressure

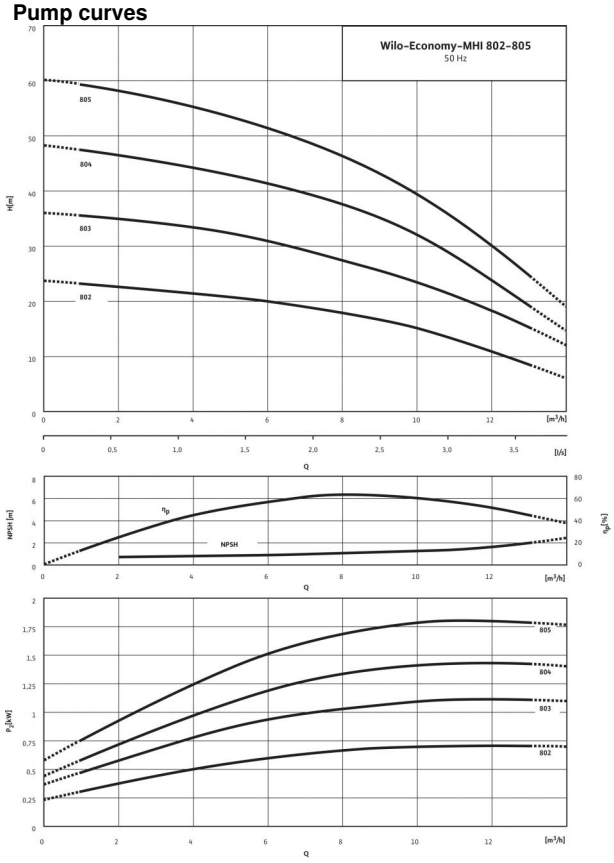
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

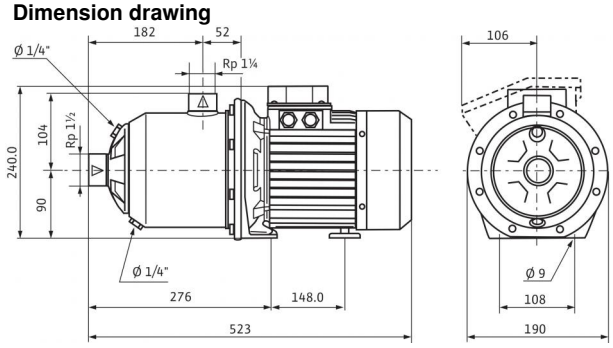
Data sheet: Economy MHI 805 (3~400 V, FKM)

Pump curves

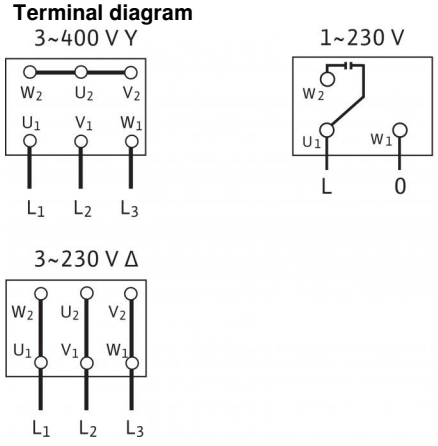


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+90 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	2.20 kW
Power consumption P_1	3.02 kW
Nominal current 3~230 V, 50 Hz I_N	9.4 A
Nominal current 3~400 V, 50 Hz I_N	5.4 A
Motor efficiency $\eta_{m\ 50\%}$	84.5 %
Motor efficiency $\eta_{m\ 75\%}$	85.9 %
Motor efficiency $\eta_{m\ 100\%}$	85.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements	
Make	Wilo
Type	MHI 805
Art no.	4210752
Weight approx. *m*	20.5 kg

• = available, - = not available

Note on inlet pressure

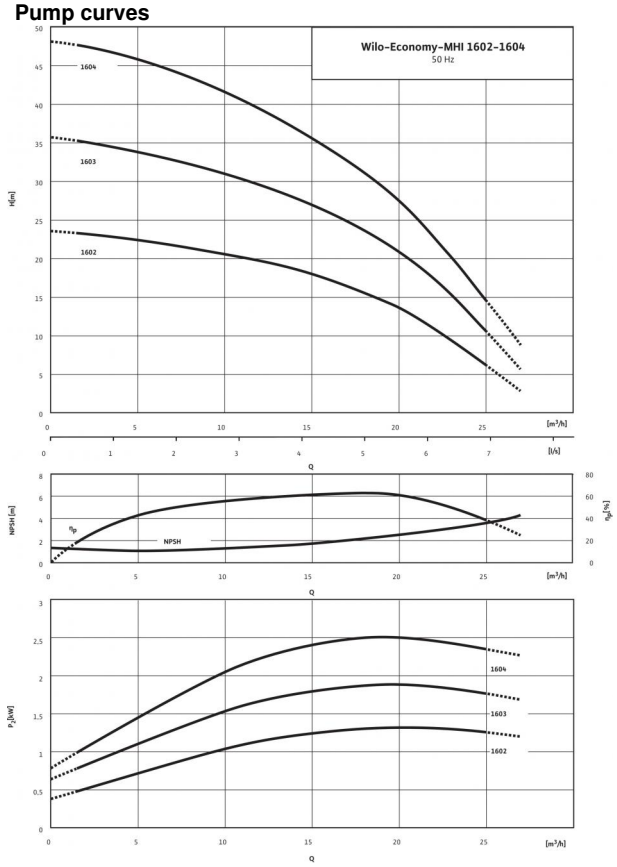
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

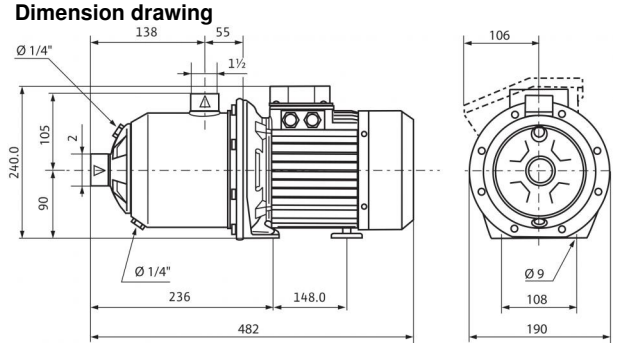
Data sheet: Economy MHI 1602 (3~400 V, EPDM)

Pump curves



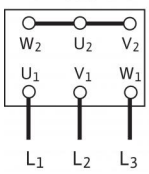
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing

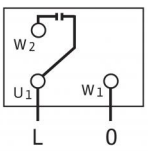


Terminal diagram

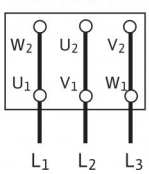
3~400 V Y



1~230 V



3~230 V Δ



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	1.50 kW
Power consumption P_1	2.09 kW
Nominal current 3~230 V, 50 Hz I_N	6.4 A
Nominal current 3~400 V, 50 Hz I_N	3.7 A
Motor efficiency $\eta_{m\ 50\%}$	83.0 %
Motor efficiency $\eta_{m\ 75\%}$	84.2 %
Motor efficiency $\eta_{m\ 100\%}$	84.2 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 1602
Art no.	4210710
Weight approx. *m*	19.0 kg

• = available, - = not available

Note on inlet pressure

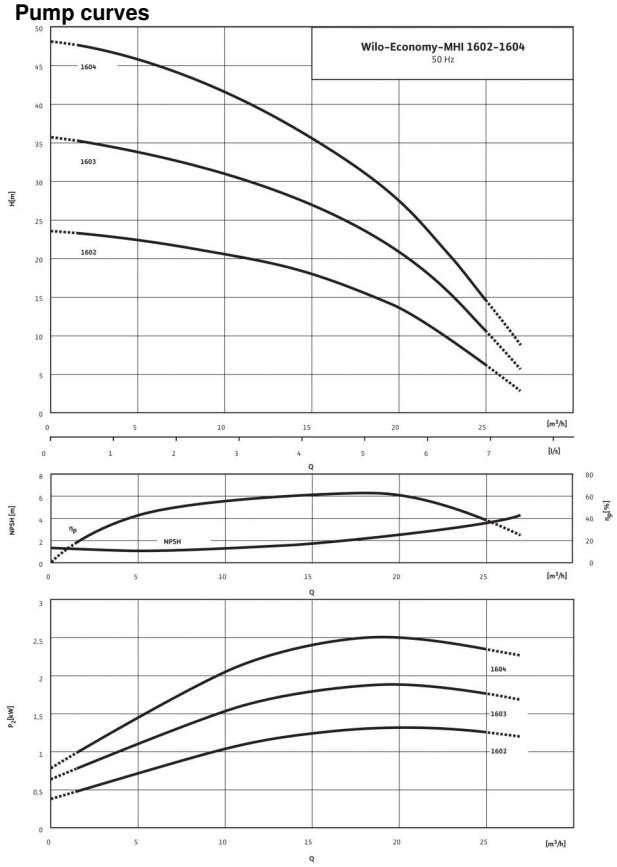
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

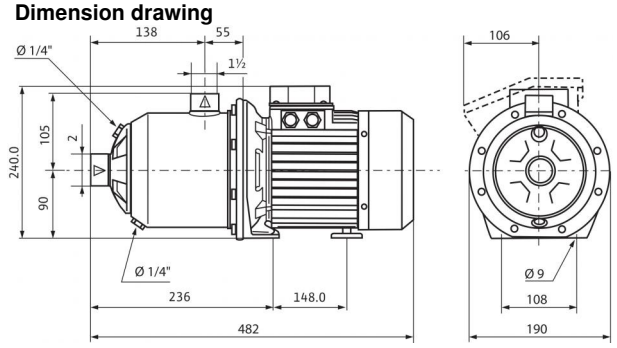
Data sheet: Economy MHI 1603 (3~400 V, EPDM)

Pump curves

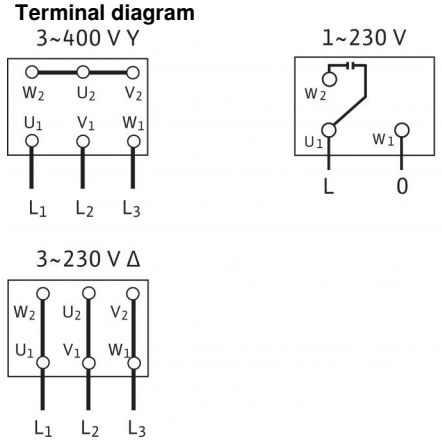


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	2.20 kW
Power consumption P_1	3.02 kW
Nominal current 3~230 V, 50 Hz I_N	9.4 A
Nominal current 3~400 V, 50 Hz I_N	5.4 A
Motor efficiency $\eta_{m\ 50\%}$	84.5 %
Motor efficiency $\eta_{m\ 75\%}$	85.9 %
Motor efficiency $\eta_{m\ 100\%}$	85.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 1603
Art no.	4210713
Weight approx. *m*	21.4 kg

• = available, - = not available

Note on inlet pressure

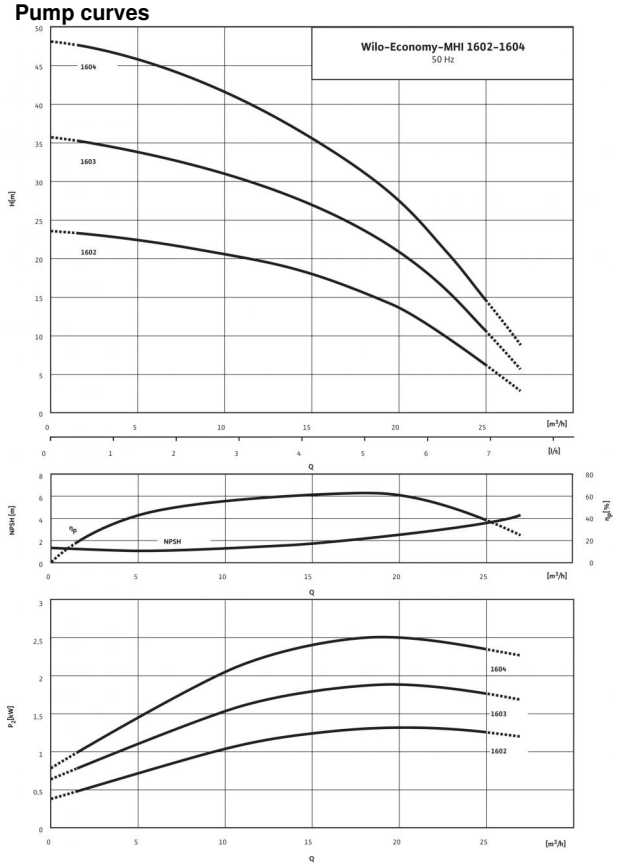
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.

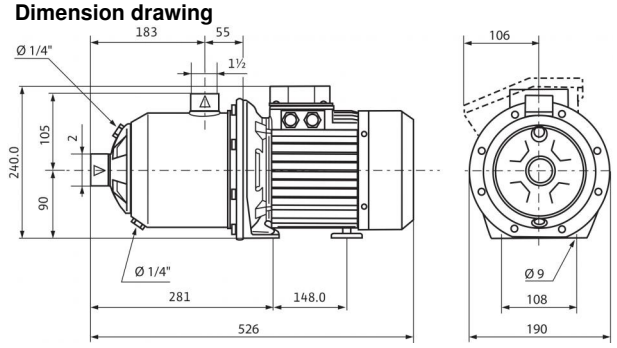
Data sheet: Economy MHI 1604 (3~400 V, EPDM)

Pump curves

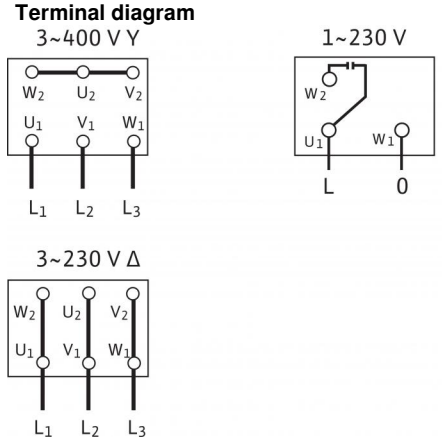


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram



Power	
Fluid temperature *T*	-15...+110 °C
Max. ambient temperature *T*	40 °C
Rated pressure	PN bar
Inlet pressure max. *H*	6 bar
Maximum operating pressure p_{max}	10 bar

Motor	
Insulation class	F
Protection class	IP 54
Mains connection	3~400 V, 50 Hz
Rated power P_2	2.20 kW
Power consumption P_1	3.02 kW
Nominal current 3~230 V, 50 Hz I_N	9.4 A
Nominal current 3~400 V, 50 Hz I_N	5.4 A
Motor efficiency $\eta_{m\ 50\%}$	84.5 %
Motor efficiency $\eta_{m\ 75\%}$	85.9 %
Motor efficiency $\eta_{m\ 100\%}$	85.9 %

Connections	
Rated pressure level (on the pressure side) *PN*	PN 10
Rated pressure level (on the suction side) *PN*	PN 10

Materials	
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements	
Make	Wilo
Type	MHI 1604
Art no.	4210715
Weight approx. *m*	22.1 kg

• = available, - = not available

Note on inlet pressure

The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

1.4301 corresponds to AISI 304, 1.4404 corresponds to AISI 316L.