atac

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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Milli

🕟 atacsolutions.com 🕓 01622 882400

EOSI SNAPIER-REID Nexom Vtriplepoint atac Axius Water companies



Series description: Wilo-Economy MHI





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

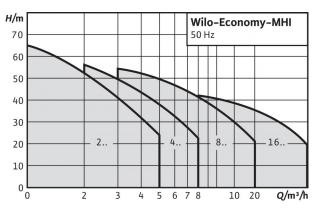
турексу	
Example:	MHI 205-1/E/3-400-50-2-IE3
MHI	Multistage horizontal high-pressure
	centrifugal pump
2	Flow rate in m ³ /h
05	Number of impellers
1	Material
	1 = 1.4301 (AISI 304)
	2 = 1.4404 (AISI 316L)
E	Gasket type
	E = EPDM
	V = FKM (Viton)
3	1 = 1~ (alternating current)
	3 = 3~ (three-phase current)
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 $^{1}\!\!\!/_{4}$ or Rp 1 $^{1}\!\!\!/_{2}$, depending on type



Pump curves in accordance with ISO 9906: 2012 3B

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
 EDDM version: B carbon/cilia
 - 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

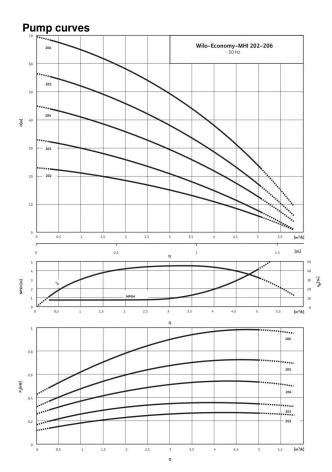
Туре	Mains connection	Static seal	Gross weight m	Rated power P ₂	Art no.
MHI 202	1~230 V, 50 Hz	EPDM	11.3 kg	0.55 kW	4024282
MHI 202	1~230 V, 50 Hz	FKM	11.3 kg	0.55 kW	4015676
MHI 202	3~400 V, 50 Hz	EPDM	10.4 kg	0.55 kW	4024283
MHI 202	3~400 V, 50 Hz	FKM	10.4 kg	0.55 kW	4015677
MHI 203	1~230 V, 50 Hz	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 402	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 403	1~230 V, 50 Hz	EPDM	13.7 kg	0.75 kW	4024296
MHI 404 MHI 404	1~230 V, 50 Hz	FKM	-	0.75 kW	4015690
MHI 404	3~400 V, 50 Hz	EPDM	13.7 kg	0.75 kW	4210725
			14.5 kg		
MHI 404	3~400 V, 50 Hz	FKM	14.5 kg	0.75 kW	4210731 4024298
MHI 405 MHI 405	1~230 V, 50 Hz	FKM	16.7 kg 16.7 kg	1.1 kW	
MHI 405	1~230 V, 50 Hz 3~400 V, 50 Hz	EPDM	15.3 kg	1.1 kW 1.1 kW	4015692 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

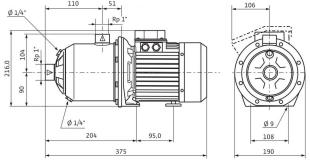
Туре	Mains connection	Static seal	Gross weight m	Rated power P ₂	Art no.
MHI 804	1~230 V, 50 Hz	EPDM	17.5 kg	1.5 kW	4024306
MHI 804	1~230 V, 50 Hz	FKM	17.5 kg	1.5 kW	4015700
MHI 804	3~400 V, 50 Hz	EPDM	20.6 kg	1.5 kW	4210747
MHI 804	3~400 V, 50 Hz	FKM	20.6 kg	1.5 kW	4210749
MHI 805	3~400 V, 50 Hz	EPDM	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)

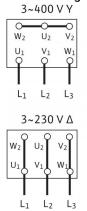


Pump curves in accordance with ISO 9906: 2012 3B

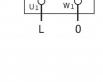
Dimension drawing



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

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 $I_{\rm N}$	4 A
Motor efficiency $\eta_{m50\%}$	59.2 %
Motor efficiency $\eta_{m75\%}$	64.4 %
Motor efficiency $\eta_{m \ 100\%}$	63.9 %

Connections

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
Туре	MHI 202
Art no.	4024282
Weight approx. <i>m</i>	9.8 kg

• = available, - = not available

Note on inlet pressure

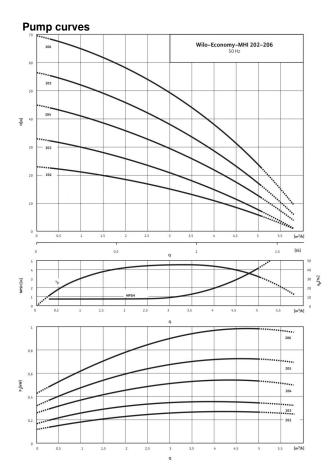
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q=0 from the maximum operating pressure of the system.

Note on materials

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

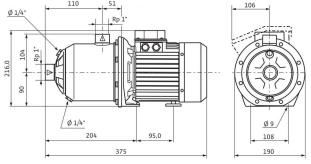
10.07.2017

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

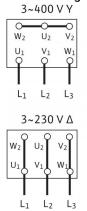


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





W ₂		
	w ₁ O	
	0	-
L	0	

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

Mater

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 $I_{\rm N}$	4 A
Motor efficiency $\eta_{m50\%}$	59.2 %
Motor efficiency $\eta_{m75\%}$	64.4 %
Motor efficiency $\eta_{m \ 100\%}$	63.9 %

Connections

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
Туре	MHI 202
Art no.	4015676
Weight approx. <i>m</i>	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

-15...+110 °C

40 °C

PN bar

6 bar

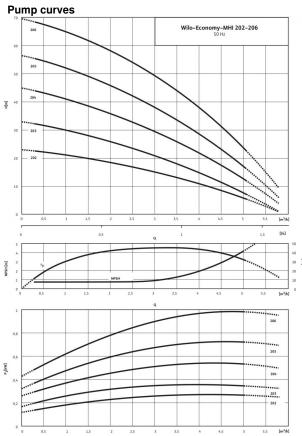
10 bar

F

64.3 %

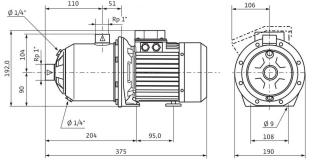
64.6 %

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

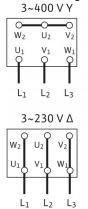


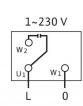
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





	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
10	Nominal current 3~400 V, 50 Hz I _N	1.7 A
50 %jdi	Motor efficiency $\eta_{m 50\%}$	59.0 %

Connections

Motor efficiency $\eta_{
m m\,75\%}$

Motor efficiency $\eta_{m \ 100\%}$

Power

Motor

Fluid temperature T

Inlet pressure max. H

Rated pressure

Insulation class

Max. ambient temperature T

Maximum operating pressure p_{\max}

oomeetions	
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
Туре	MHI 202
Art no.	4024283
Weight approx. <i>m</i>	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

-15...+90 °C

40 °C

PN bar

6 bar

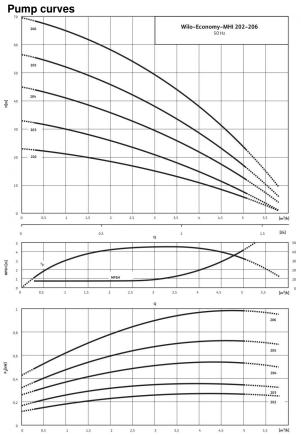
10 bar

F

IP 54

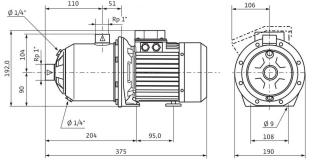
3~400 V, 50 Hz

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

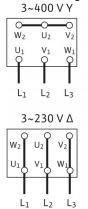


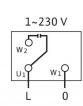
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





	Rated power P ₂	0.55 kW
 /h]	Power consumption P ₁	0.83 kW
-	Nominal current 3~230 V, 50 Hz $I_{\rm N}$	3 A
40	Nominal current 3~400 V, 50 Hz $I_{\rm N}$	1.7 A
30 %jd 20	Motor efficiency $\eta_{m50\%}$	59.0 %
10 0 (h)	Motor efficiency $\eta_{m75\%}$	64.3 %
-	Motor efficiency $\eta_{m \ 100\%}$	64.6 %

Connections

Power

Motor

Fluid temperature T

Inlet pressure max. H

Rated pressure

Insulation class

Protection class

Mains connection

Max. ambient temperature T

Maximum operating pressure p_{\max}

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
Туре	MHI 202
Art no.	4015677
Weight approx. <i>m</i>	8.9 kg

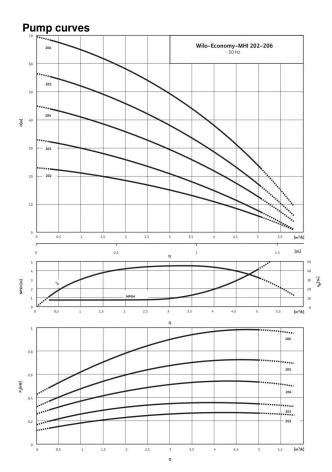
 \bullet = available, - = not available

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.

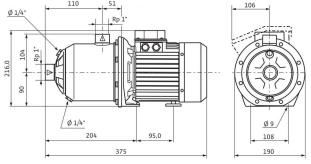
Note on materials

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

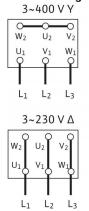


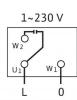
Pump curves in accordance with ISO 9906: 2012 3B

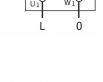
Dimension drawing



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

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 $I_{\rm N}$	4 A
Motor efficiency $\eta_{m 50\%}$	59.2 %
Motor efficiency $\eta_{m75\%}$	64.4 %
Motor efficiency $\eta_{m \ 100\%}$	63.9 %

Connections

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
Туре	MHI 203
Art no.	4024284
Weight approx. m	9.8 kg

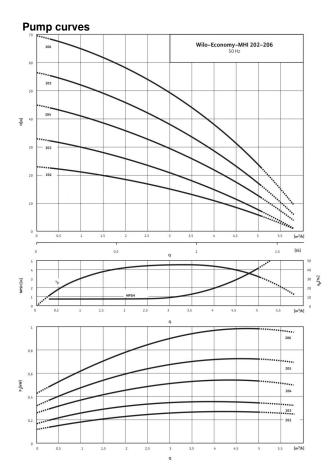
• = available, - = not available

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.

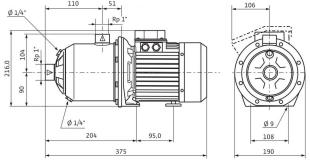
Note on materials

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

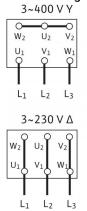


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





W 2		
	w1	
	0	
-	0	

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 $I_{\rm N}$	4 A
Motor efficiency $\eta_{m 50\%}$	59.2 %
Motor efficiency $\eta_{ m m75\%}$	64.4 %
Motor efficiency $\eta_{m \ 100\%}$	63.9 %

Connections

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
Туре	MHI 203
Art no.	4015678
Weight approx. <i>m</i>	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

-15...+110 °C

40 °C

PN bar

6 bar

10 bar

F

IP 54

0.55 kW

0.83 kW

3 A

1.7 A

59.0 %

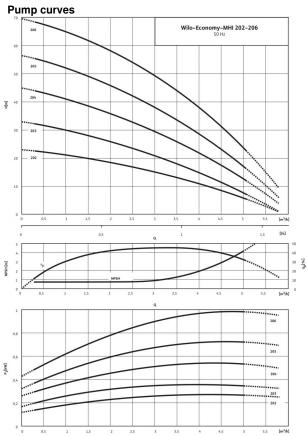
64.3 % 64.6 %

PN 10

PN 10

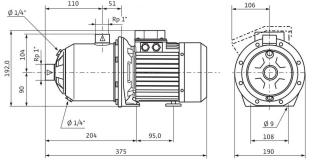
3~400 V, 50 Hz

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

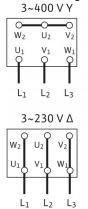


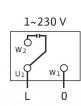
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





.5 [m ³ /h]	Motor efficiency $\eta_{m75\%}$
	Motor efficiency $\eta_{m 100\%}$
206	
	Connections
205	Rated pressure level (on the pressure side) PN
204	Rated pressure level (on the suction side) PN

Power

Motor

Fluid temperature T

Inlet pressure max. H

Rated pressure

Insulation class

Protection class

Mains connection

Rated power P2

Power consumption P1

Motor efficiency $\eta_{\rm m\,50\%}$

Mater - 40 - 1 - - - -

Nominal current 3~230 V, 50 Hz I_N

Nominal current 3~400 V, 50 Hz I_N

Max. ambient temperature T

Maximum operating pressure p_{\max}

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

information for oracl platements	
Make	Wilo
Туре	MHI 203
Art no.	4024285
Weight approx. <i>m</i>	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

-15...+90 °C

40 °C

PN bar

6 bar

10 bar

F

IP 54

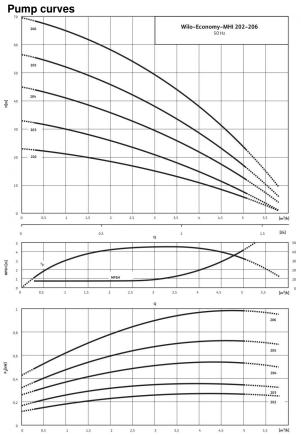
0.55 kW 0.83 kW 3 A

1.7 A

59.0 % 64.3 % 64.6 %

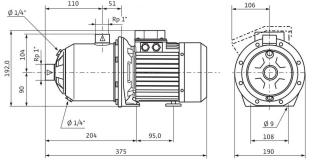
3~400 V, 50 Hz

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

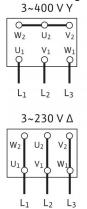


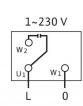
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





3/h]	Power consumption P ₁
51 51	Nominal current 3~230 V, 50 Hz I _N
50 40	Nominal current 3~400 V, 50 Hz I _N
30 %] d 20	Motor efficiency $\eta_{m 50\%}$
10	Motor efficiency $\eta_{m75\%}$
	Motor efficiency $\eta_{m\ 100\%}$

Connections

Power

Motor

Fluid temperature T

Inlet pressure max. H

Rated pressure

Insulation class

Protection class

Mains connection

Rated power P2

Max. ambient temperature T

Maximum operating pressure p_{\max}

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

Materials

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

Information for order placements

Wilo
MHI 203
4015679
8.9 kg

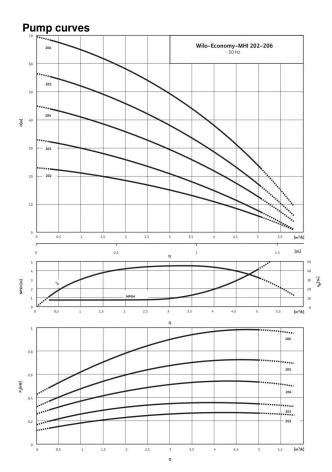
 \bullet = available, - = not available

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.

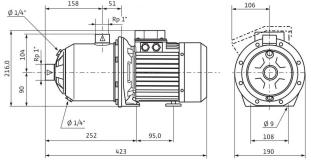
Note on materials

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

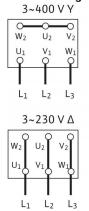


Pump curves in accordance with ISO 9906: 2012 3B

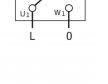
Dimension drawing



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

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 $I_{\rm N}$	4 A	
Motor efficiency $\eta_{m 50\%}$	59.2 %	
Motor efficiency $\eta_{m75\%}$	64.4 %	
Motor efficiency $\eta_{m \ 100\%}$	63.9 %	

Connections

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
Туре	MHI 204
Art no.	4024286
Weight approx. <i>m</i>	10.6 kg

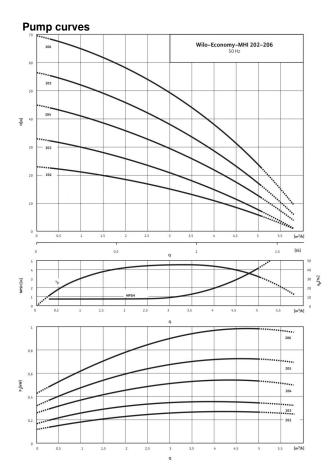
• = available, - = not available

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.

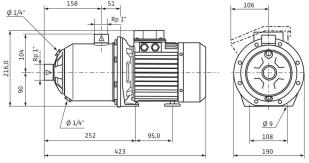
Note on materials

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

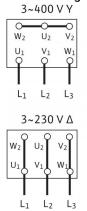


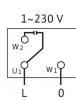
Pump curves in accordance with ISO 9906: 2012 3B

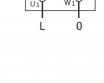
Dimension drawing



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

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 $I_{\rm N}$	4 A
Motor efficiency $\eta_{m 50\%}$	59.2 %
Motor efficiency $\eta_{m75\%}$	64.4 %
Motor efficiency $\eta_{m \ 100\%}$	63.9 %

Connections

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
Туре	MHI 204
Art no.	4015680
Weight approx. m	10.6 kg

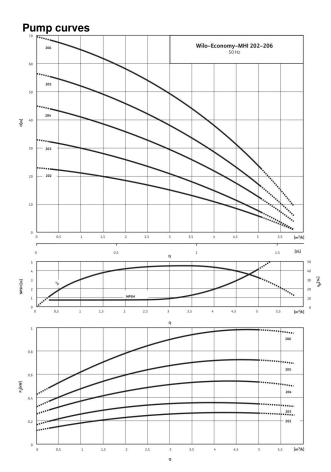
• = available, - = not available

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.

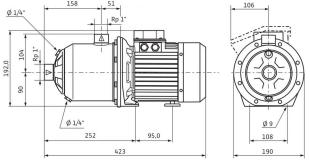
Note on materials

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

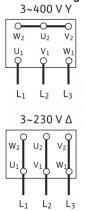


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





	<u>Ø9</u> 108
•	190

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

Mater

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 $I_{\rm N}$	1.7 A
Motor efficiency $\eta_{m 50\%}$	59.0 %
Motor efficiency $\eta_{ m m75\%}$	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
Туре	MHI 204
Art no.	4024287
Weight approx. <i>m</i>	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

-15...+90 °C

40 °C

PN bar

6 bar

10 bar

F

IP 54

0.55 kW

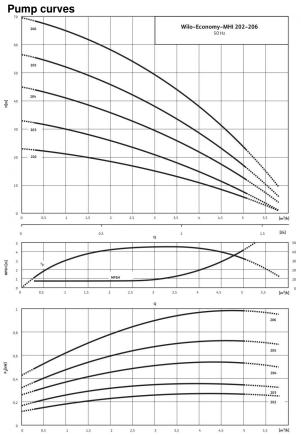
0.83 kW 3 A

1.7 A

59.0 % 64.3 % 64.6 %

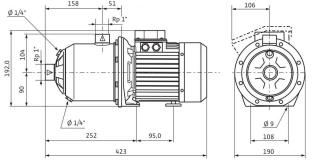
3~400 V, 50 Hz

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

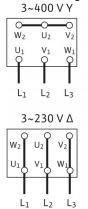


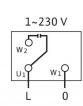
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





m ³ /h]	Power consumption P ₁
/s]	Nominal current 3~230 V, 50 Hz I _N
40	Nominal current 3~400 V, 50 Hz I _N
30 \$ de 20	Motor efficiency $\eta_{ m m50\%}$
10	Motor efficiency $\eta_{m75\%}$
n-/n]	Motor efficiency $\eta_{m \ 100\%}$

Connections

Power

Motor

Fluid temperature T

Inlet pressure max. H

Rated pressure

Insulation class

Protection class

Mains connection

Rated power P2

Max. ambient temperature T

Maximum operating pressure p_{\max}

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
Туре	MHI 204
Art no.	4015681
Weight approx. <i>m</i>	9.7 kg

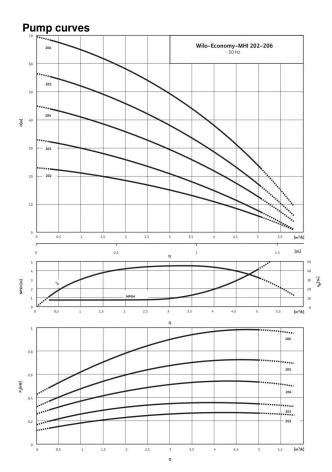
• = available, - = not available

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.

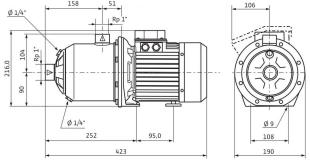
Note on materials

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

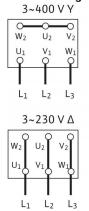


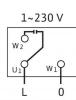
Pump curves in accordance with ISO 9906: 2012 3B

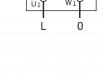
Dimension drawing



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

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 $I_{\rm N}$	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

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
Туре	MHI 205
Art no.	4024288
Weight approx. <i>m</i>	12.2 kg

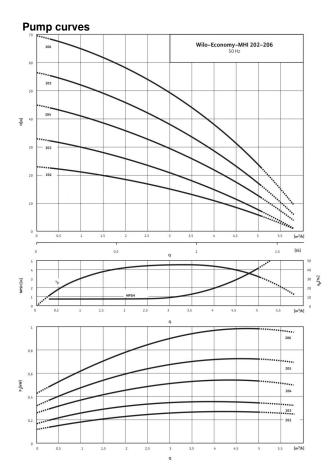
• = available, - = not available

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.

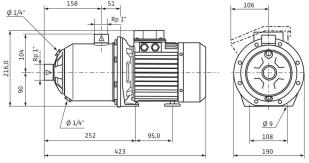
Note on materials

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

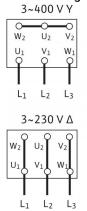


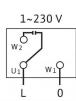
Pump curves in accordance with ISO 9906: 2012 3B

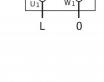
Dimension drawing



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

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 $\eta_{m75\%}$	62.8 %
Motor efficiency $\eta_{m \ 100\%}$	62.3 %

Connections

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
Туре	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

-15...+110 °C

40 °C

PN bar

6 bar

10 bar

F

IP 54

0.75 kW

1.1 kW

3.4 A

1.95 A

79.5 %

80.7 %

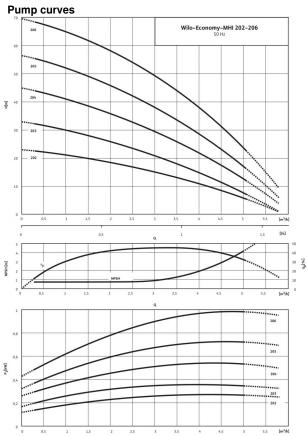
80.7 %

PN 10

PN 10

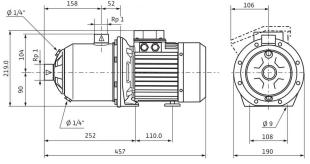
3~400 V, 50 Hz

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

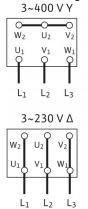


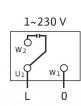
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





206	
	Connections
205	Rated pressure level (on the pressure side) PN
204	Rated pressure level (on the suction side) PN
203	
202 -	Materials
	lana all an

Power

Motor

Fluid temperature T

Inlet pressure max. H

Rated pressure

Insulation class

Protection class

Mains connection

Rated power P_2 Power consumption P_1

Max. ambient temperature T

Maximum operating pressure p_{\max}

Nominal current 3~230 V, 50 Hz I_N

Nominal current 3~400 V, 50 Hz I_N

Motor efficiency $\eta_{\rm m\,50\%}$

Motor efficiency $\eta_{
m m\,75\%}$

Motor efficiency $\eta_{\rm m\,100\%}$

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

Information for order placements

information for order placements	
Make	Wilo
Туре	MHI 205
Art no.	4210718
Weight approx. <i>m</i>	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

-15...+90 °C

40 °C

PN bar

6 bar

10 bar

F

IP 54

0.75 kW

1.1 kW

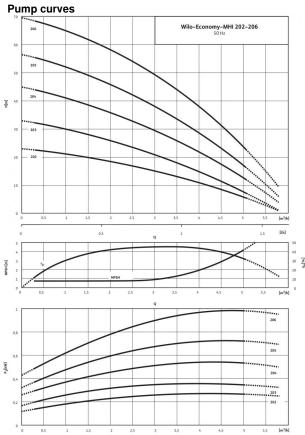
3.4 A

1.95 A

79.5 % 80.7 % 80.7 %

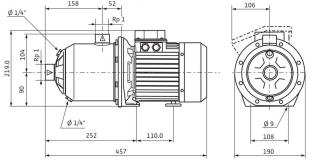
3~400 V, 50 Hz

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

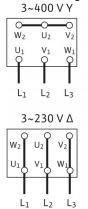


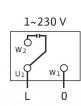
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





20	Motor efficiency $\eta_{ m m50\%}$
10 [m ³ /h]	Motor efficiency $\eta_{m75\%}$
206	Motor efficiency $\eta_{m100\%}$
	Connections
205	Rated pressure level (on the pressure side) PN
204	Rated pressure level (on the suction side) PN

Nominal current 3~230 V, 50 Hz I_N

Nominal current 3~400 V, 50 Hz I_N

Power

Motor

Fluid temperature T

Inlet pressure max. H

Rated pressure

Insulation class

Protection class

Mains connection

Rated power P_2 Power consumption P_1

Max. ambient temperature T

Maximum operating pressure p_{\max}

PN 10 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

information for order placements	
Make	Wilo
Туре	MHI 205
Art no.	4210721
Weight approx. <i>m</i>	13.0 kg

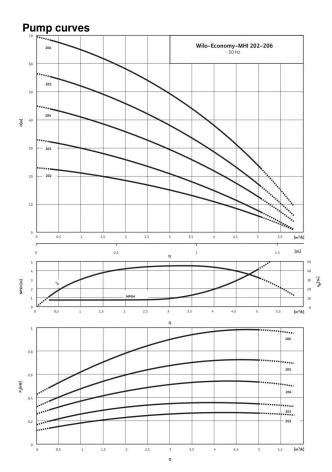
• = available, - = not available

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.

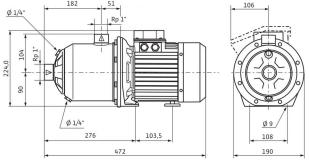
Note on materials

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

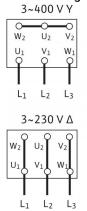


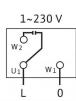
Pump curves in accordance with ISO 9906: 2012 3B

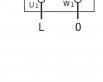
Dimension drawing



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

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 $I_{\rm N}$	7.2 A
Motor efficiency $\eta_{m50\%}$	56.9 %
Motor efficiency $\eta_{m75\%}$	64.3 %
Motor efficiency $\eta_{m \ 100\%}$	67.2 %

Connections

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
Туре	MHI 206
Art no.	4024290
Weight approx. <i>m</i>	15.7 kg

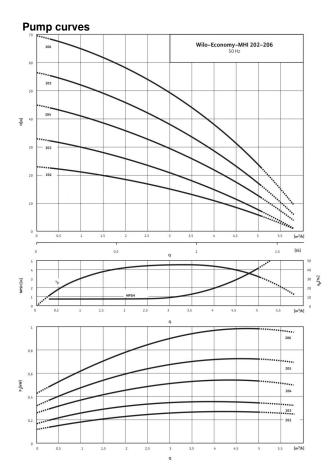
• = available, - = not available

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.

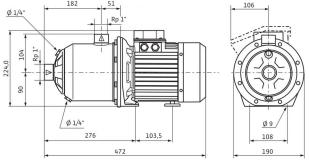
Note on materials

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

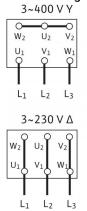


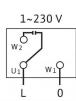
Pump curves in accordance with ISO 9906: 2012 3B

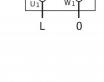
Dimension drawing



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

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 $I_{\rm N}$	7.2 A
Motor efficiency $\eta_{m 50\%}$	56.9 %
Motor efficiency $\eta_{m75\%}$	64.3 %
Motor efficiency $\eta_{m \ 100\%}$	67.2 %

Connections

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
Туре	MHI 206
Art no.	4015684
Weight approx. <i>m</i>	15.7 kg

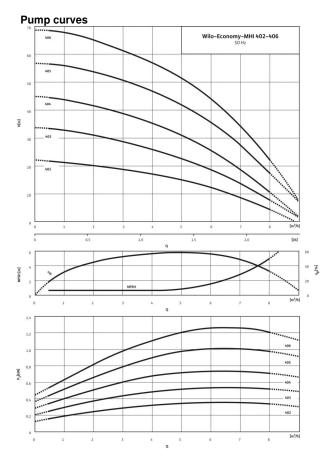
• = available, - = not available

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.

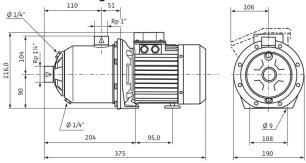
Note on materials

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

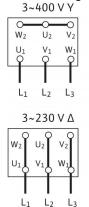


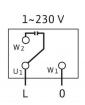
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





The maximum inlet pressure is calculated by subtracting the maximum

Note on materials

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

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

Moto

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 $I_{\rm N}$	4 A
Motor efficiency $\eta_{m 50\%}$	59.2 %
Motor efficiency $\eta_{ m m75\%}$	64.4 %
Motor efficiency $\eta_{m \ 100\%}$	63.9 %

Connections

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

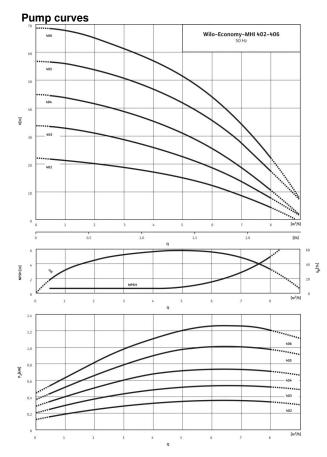
Make V	Wilo
Туре	MHI 402
Art no. 4	4024292
Weight approx. <i>m</i> 9	9.8 kg

• = available, - = not available

Note on inlet pressure

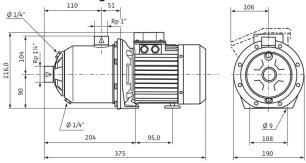
delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

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

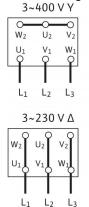


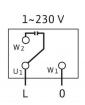
Pump curves in accordance with ISO 9906: 2012 3B

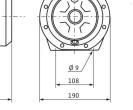
Dimension drawing



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 $I_{\rm N}$	4 A
Motor efficiency $\eta_{m50\%}$	59.2 %
Motor efficiency $\eta_{m75\%}$	64.4 %
Motor efficiency $\eta_{m \ 100\%}$	63.9 %

Connections

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
Туре	MHI 402
Art no.	4015686
Weight approx. m	9.8 kg

• = available, - = not available

Note on inlet pressure

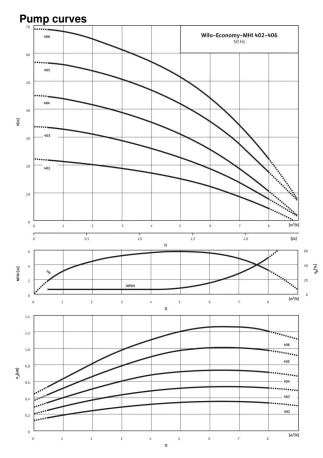
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

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

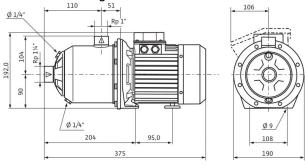
10.07.2017

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

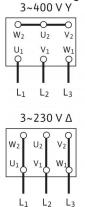


Pump curves in accordance with ISO 9906: 2012 3B

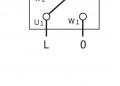
Dimension drawing



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

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 $I_{\rm N}$	3 A
Nominal current 3~400 V, 50 Hz ${\it I}_{\rm N}$	1.7 A
Motor efficiency $\eta_{m 50\%}$	59.0 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 402
Art no.	4024293
Weight approx. <i>m</i>	8.9 kg

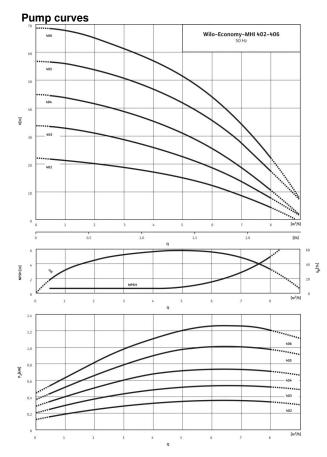
• = available, - = not available

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.

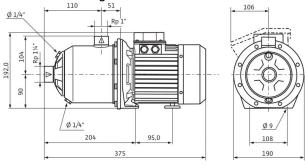
Note on materials

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

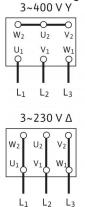


Pump curves in accordance with ISO 9906: 2012 3B

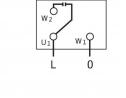
Dimension drawing



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

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 ${\it I}_{\rm N}$	3 A
Nominal current 3~400 V, 50 Hz I _N	1.7 A
Motor efficiency $\eta_{ m m50\%}$	59.0 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 402
Art no.	4015687
Weight approx. <i>m</i>	8.9 kg

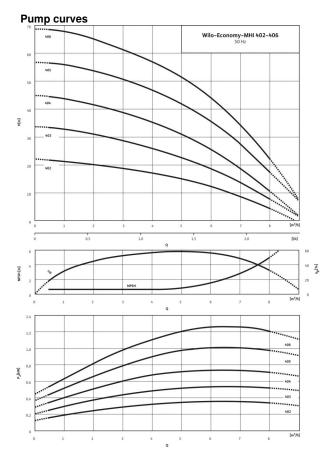
• = available, - = not available

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.

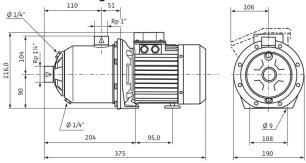
Note on materials

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

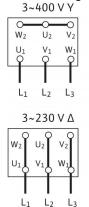


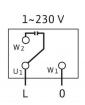
Pump curves in accordance with ISO 9906: 2012 3B

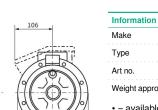
Dimension drawing



Terminal diagram







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.

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

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 $\eta_{ m m75\%}$	64.4 %
Motor efficiency $\eta_{m \ 100\%}$	63.9 %

Connections

connections	
Rated pressure level (on the pressure side) PN	PN 10
Rated pressure level (on the suction side) PN	PN 10

Materials

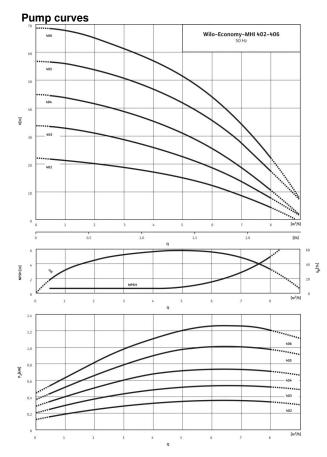
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements

Make	Wilo
Туре	MHI 403
Art no.	4024294
Weight approx. <i>m</i>	10.7 kg

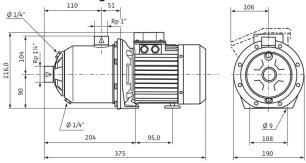
• = available, - = not available

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

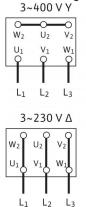


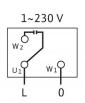
Pump curves in accordance with ISO 9906: 2012 3B

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

F
X4
1~230 V, 50 Hz
0.55 kW
0.84 kW
4 A
59.2 %
64.4 %
63.9 %

Connections

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
Туре	MHI 403
Art no.	4015688
Weight approx. <i>m</i>	10.7 kg

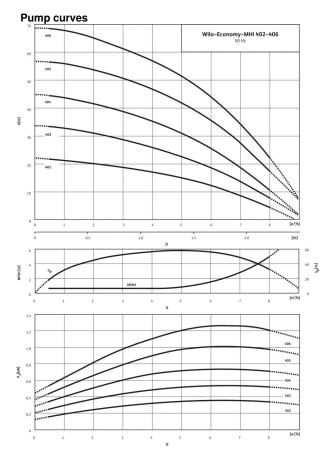
• = available, - = not available

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.

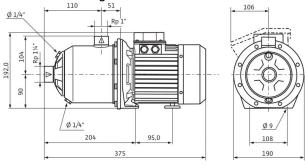
Note on materials

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

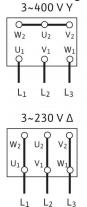


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





~230 V

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

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 $\eta_{m75\%}$	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
Туре	MHI 403
Art no.	4024295
Weight approx. <i>m</i>	9.8 kg

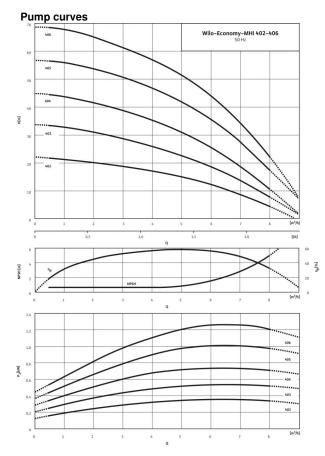
• = available, - = not available

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.

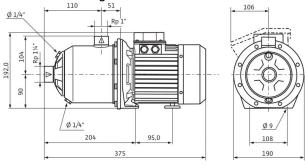
Note on materials

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

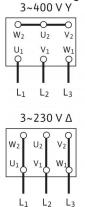


Pump curves in accordance with ISO 9906: 2012 3B

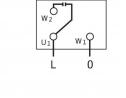
Dimension drawing



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

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 $I_{\rm N}$	3 A
Nominal current 3~400 V, 50 Hz ${\it I}_{\rm N}$	1.7 A
Motor efficiency $\eta_{ m m50\%}$	59.0 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 403
Art no.	4015689
Weight approx. <i>m</i>	9.8 kg

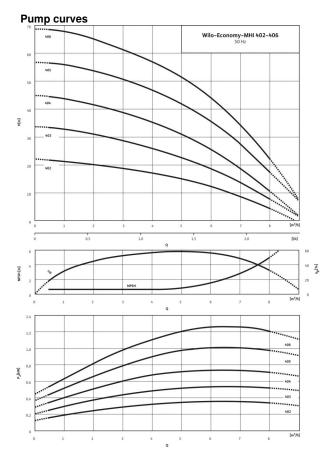
• = available, - = not available

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.

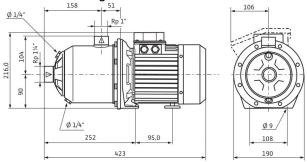
Note on materials

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

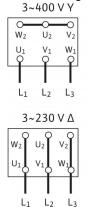


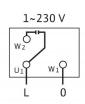
Pump curves in accordance with ISO 9906: 2012 3B

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

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 $\eta_{ m m75\%}$	62.8 %
Motor efficiency $\eta_{m \ 100\%}$	62.3 %

Connections

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
Туре	MHI 404
Art no.	4024296
Weight approx. <i>m</i>	12.2 kg

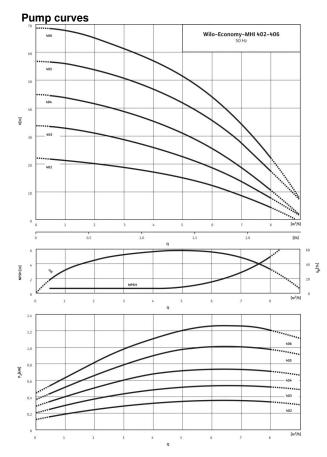
• = available, - = not available

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.

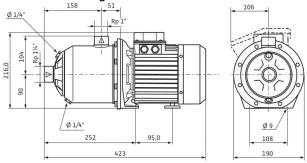
Note on materials

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

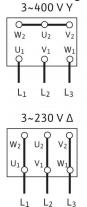


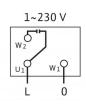
Pump curves in accordance with ISO 9906: 2012 3B

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

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 $I_{\rm N}$	5.1 A
Motor efficiency $\eta_{m 50\%}$	57.7 %
Motor efficiency $\eta_{m75\%}$	62.8 %
Motor efficiency $\eta_{m \ 100\%}$	62.3 %

Connections

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
Туре	MHI 404
Art no.	4015690
Weight approx. <i>m</i>	12.2 kg
· · · 9-1-1- · · · · · · · · · · 9-1-1-	

• = 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.

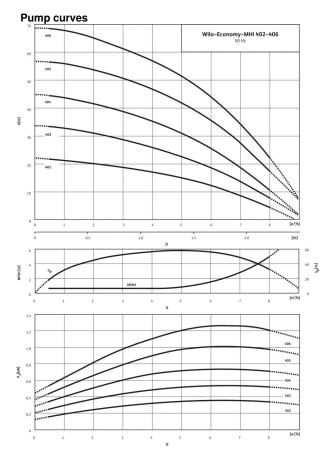
Note on materials

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

7							
	7	7	7	7	7	7	7

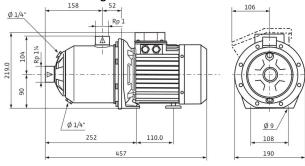
10.07.20

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

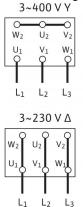


Pump curves in accordance with ISO 9906: 2012 3B

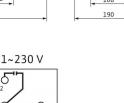
Dimension drawing



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

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 $I_{\rm N}$	1.95 A
Motor efficiency $\eta_{\rm m50\%}$	79.5 %
Motor efficiency $\eta_{m75\%}$	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

information for order placemente	
Make	Wilo
Туре	MHI 404
Art no.	4210725
Weight approx. <i>m</i>	13.0 kg

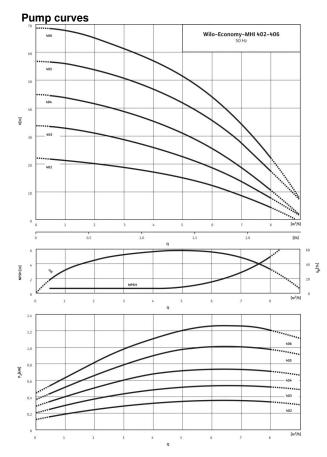
 \bullet = available, - = not available

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.

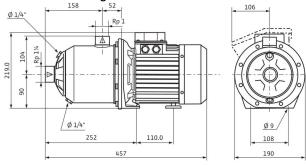
Note on materials

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

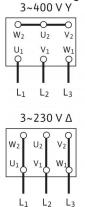


Pump curves in accordance with ISO 9906: 2012 3B

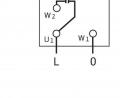
Dimension drawing



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

Mater

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 $I_{\rm N}$	1.95 A
Motor efficiency $\eta_{\rm m50\%}$	79.5 %
Motor efficiency $\eta_{m75\%}$	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

information for order placemente	
Make	Wilo
Туре	MHI 404
Art no.	4210731
Weight approx. <i>m</i>	13.0 kg

• = available, - = not available

Note on inlet pressure

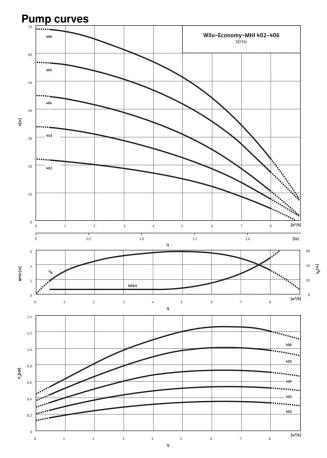
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

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

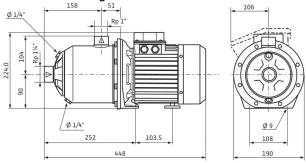
10.07.2017

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

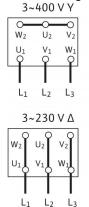


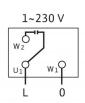
Pump curves in accordance with ISO 9906: 2012 3B

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

Mater

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 $\eta_{m75\%}$	64.3 %
Motor efficiency $\eta_{m \ 100\%}$	67.2 %

Connections

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
Туре	MHI 405
Art no.	4024298
Weight approx. m	15.2 kg

• =

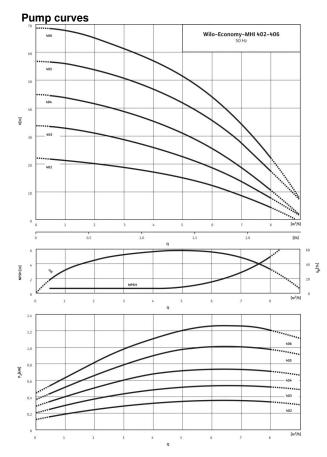
No

The naximum deli kimum operating pressure of from the m the system.

Note on materials

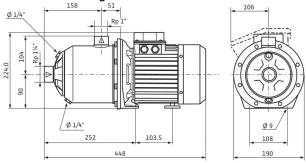
t no.	4024298
eight approx. <i>m</i>	15.2 kg
= available, - = not available	
ote on inlet pressure	
he maximum inlet pressure is calculated by solutions $\Omega = 0$ from the maximum st $\Omega = 0$	•

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

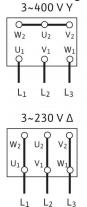


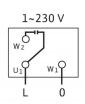
Pump curves in accordance with ISO 9906: 2012 3B

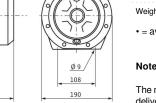
Dimension drawing



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

Mater

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 $\eta_{m75\%}$	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
Туре	MHI 405
Art no.	4015692
Weight approx. m	15.2 kg
a state and a state of the state	

• = available, - = not available

Note on inlet pressure

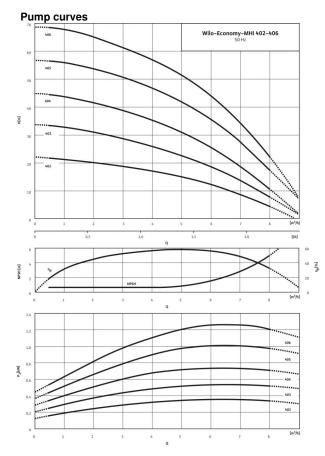
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

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

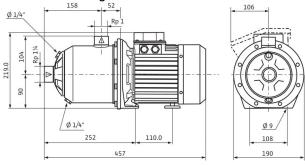
Connections

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

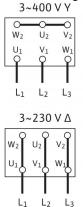


Pump curves in accordance with ISO 9906: 2012 3B

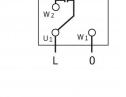
Dimension drawing



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

WOLOF	
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 $\eta_{ m m75\%}$	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
Туре	MHI 405
Art no.	4210732
Weight approx. <i>m</i>	13.8 kg

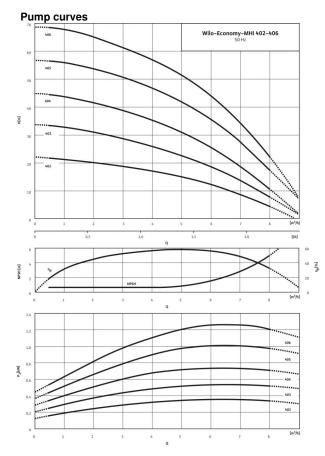
• = available, - = not available

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.

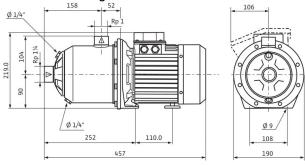
Note on materials

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

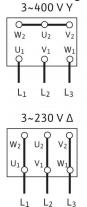


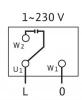
Pump curves in accordance with ISO 9906: 2012 3B

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

WOLOF	
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 $\eta_{ m m75\%}$	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

information for order placementa	
Make	Wilo
Туре	MHI 405
Art no.	4210734
Weight approx. m	13.8 kg

 \bullet = 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

-15 ... 110 °C

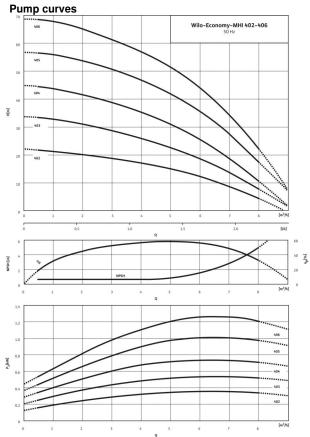
40 °C

PN bar

6 bar

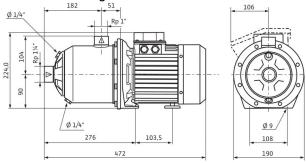
10 bar

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

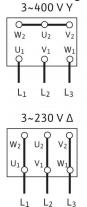


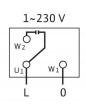
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





405	Rated pressure level (on the suction side
404	
403	Materials
402	Impeller
[m ³ /h]	Pump housing
	Pump shaft

Information for order placements

Make	Wilo
Туре	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.

Fluid temperature T			
Max. ambient temperature T			
Rated pressure			

Mator

Inlet pressure max. H

Maximum operating pressure $p_{\rm max}$

Power Fluid

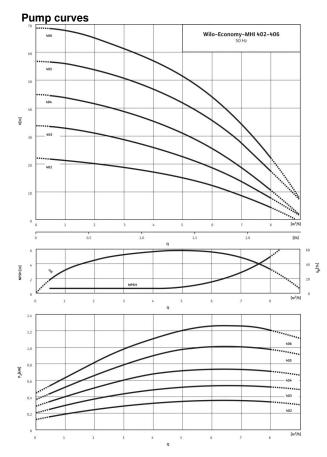
Motor	
Insulation class	F
Protection class	X4
Mains connection	1~230 V, 50 Hz
Rated power P ₂	1.50 kW
Power consumption P ₁	1.91 kW
Nominal current 1~230 V, 50 Hz $I_{\rm N}$	9.2 A
Motor efficiency $\eta_{m50\%}$	59.6 %
Motor efficiency $\eta_{ m m75\%}$	66.4 %
Motor efficiency $\eta_{m \ 100\%}$	67.8 %

Connection

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

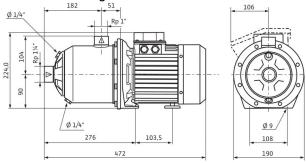
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

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

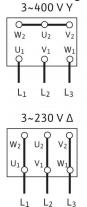


Pump curves in accordance with ISO 9906: 2012 3B

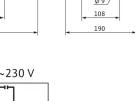
Dimension drawing



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 $I_{\rm N}$	9.2 A
Motor efficiency $\eta_{m50\%}$	59.6 %
Motor efficiency $\eta_{\rm m75\%}$	66.4 %
Motor efficiency $\eta_{m \ 100\%}$	67.8 %

Connections

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
Туре	MHI 406
Art no.	4015694
Weight approx. <i>m</i>	17.8 kg

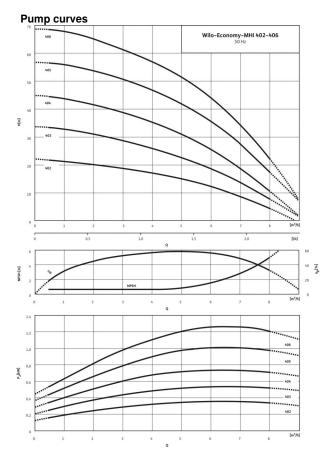
• = available, - = not available

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.

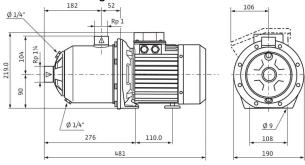
Note on materials

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

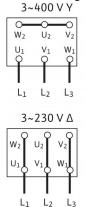


Pump curves in accordance with ISO 9906: 2012 3B

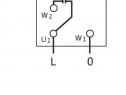
Dimension drawing



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

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 $I_{\rm N}$	4.8 A
Nominal current 3~400 V, 50 Hz ${\it I}_{\rm N}$	2.8 A
Motor efficiency $\eta_{ m m50\%}$	81.5 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 406
Art no.	4210735
Weight approx. m	16.0 kg

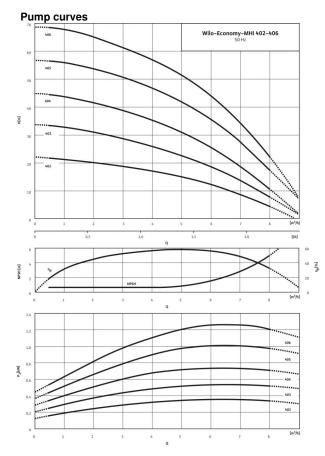
• = available, - = not available

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.

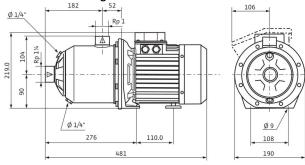
Note on materials

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

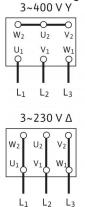


Pump curves in accordance with ISO 9906: 2012 3B

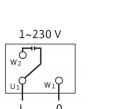
Dimension drawing



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

Mater

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 $\eta_{\rm m50\%}$	81.5 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 406
Art no.	4210737
Weight approx. <i>m</i>	16.0 kg

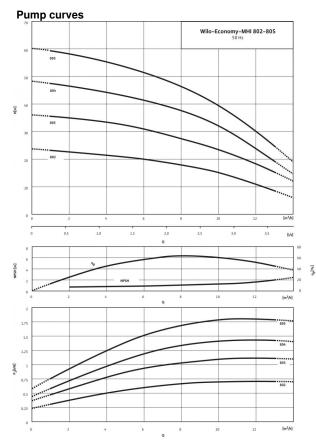
• = available, - = not available

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.

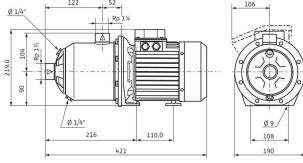
Note on materials

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

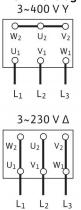


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing

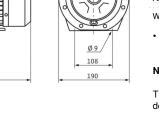


Terminal diagram



L₂





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

Mater

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 $I_{\rm N}$	1.95 A
Motor efficiency $\eta_{m 50\%}$	79.5 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 801
Art no.	4210738
Weight approx. m	12.1 kg

• = available, - = not available

Note on inlet pressure

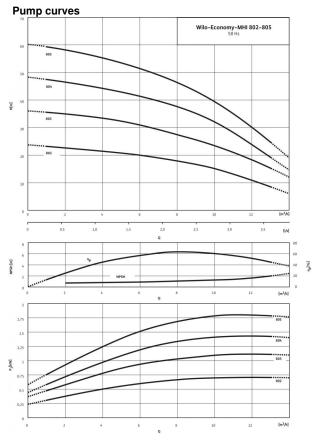
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

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

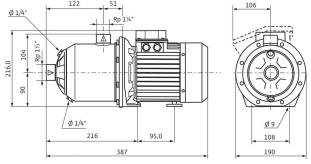
10.07.2017

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

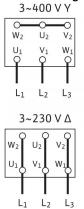


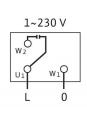
Pump curves in accordance with ISO 9906: 2012 3B

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

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 $I_{\rm N}$	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

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 Type

Туре	MHI 802
Art no.	4024302
Weight approx. m	15.8 kg

Wilo

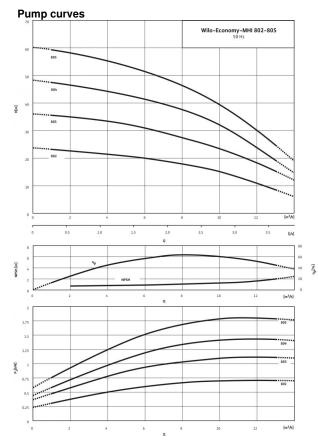
• = available, - = not available

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.

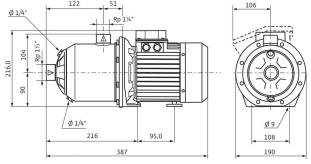
Note on materials

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

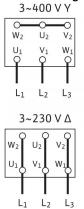


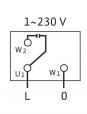
Pump curves in accordance with ISO 9906: 2012 3B

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

Mater

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 $I_{\rm N}$	5.1 A
Motor efficiency $\eta_{m50\%}$	57.7 %
Motor efficiency $\eta_{m 75\%}$	62.8 %
Motor efficiency $\eta_{m \ 100\%}$	62.3 %

Connections

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

internation for or der placement	-
Make	Wilo
Туре	MHI 802
Art no.	4015696
Weight approx. m	15.8 kg

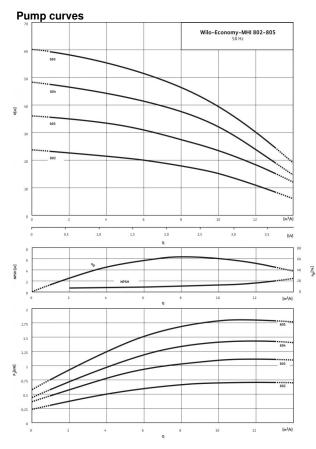
• = available, - = not available

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.

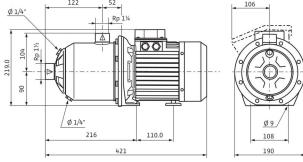
Note on materials

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

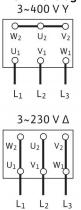


Pump curves in accordance with ISO 9906: 2012 3B

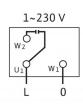
Dimension drawing



Terminal diagram



L₂





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.

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

Motor

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 $I_{\rm N}$	1.95 A
Motor efficiency $\eta_{m 50\%}$	79.5 %
Motor efficiency $\eta_{m75\%}$	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

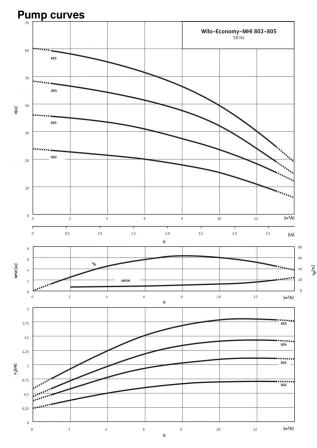
Information for order placements

information for order placements	
Make	Wilo
Туре	MHI 802
Art no.	4210739
Weight approx. <i>m</i>	12.3 kg

• = available, - = not available

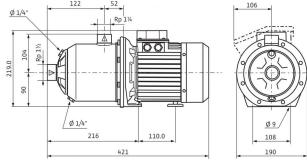
10.07.2017

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

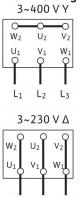


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing

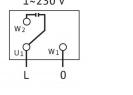


Terminal diagram



 L_1 L_2 L₃





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 pmax	10 bar

Mat

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 $I_{\rm N}$	1.95 A
Motor efficiency $\eta_{ m m50\%}$	79.5 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 802
Art no.	4210742
Weight approx. <i>m</i>	12.3 kg

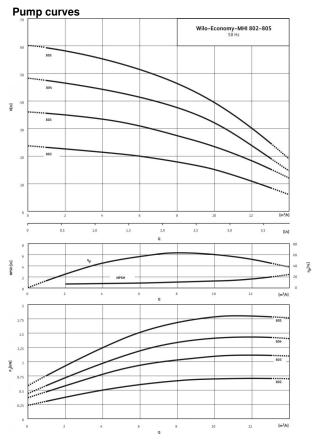
• = available, - = not available

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.

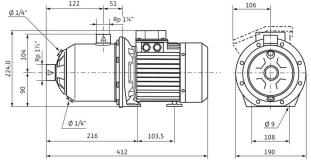
Note on materials

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

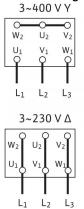


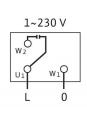
Pump curves in accordance with ISO 9906: 2012 3B

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

WOTOF	
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 $I_{\rm N}$	7.2 A
Motor efficiency $\eta_{m 50\%}$	56.9 %
Motor efficiency $\eta_{m75\%}$	64.3 %
Motor efficiency $\eta_{m \ 100\%}$	67.2 %

Connections

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 Type

Туре	MHI 803
Art no.	4024304
Weight approx. <i>m</i>	14.5 kg

Wilo

• = available, - = not available

Note on inlet pressure

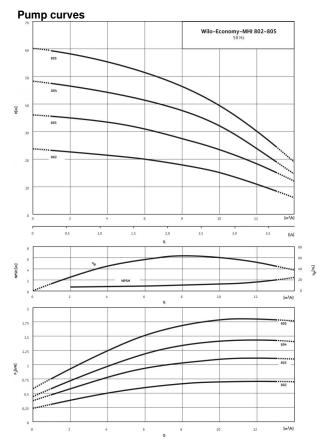
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q=0 from the maximum operating pressure of the system.

Note on materials

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

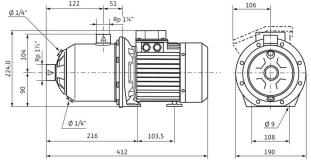
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Data sheet: Economy MHI 803 (1~230 V, FKM)

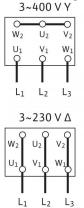


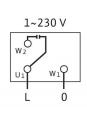
Pump curves in accordance with ISO 9906: 2012 3B

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

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 $\eta_{m75\%}$	64.3 %
Motor efficiency $\eta_{m \ 100\%}$	67.2 %

Connections

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
Туре	MHI 803
Art no.	4015698
Weight approx. m	14.5 kg

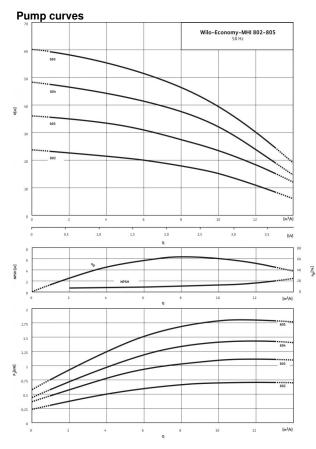
• = available, - = not available

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.

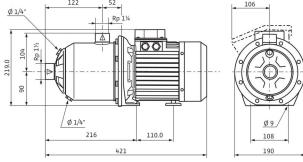
Note on materials

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

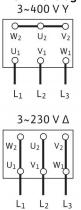


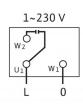
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram







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.

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

Mater

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 $\eta_{\rm m50\%}$	81.5 %
Motor efficiency $\eta_{m75\%}$	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

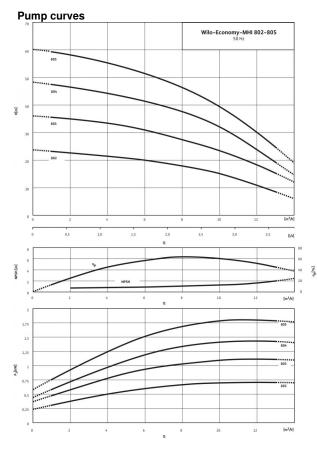
Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	BQ1E3GG

Information for order placements

information for order placements	
Make	Wilo
Туре	MHI 803
Art no.	4210743
Weight approx. <i>m</i>	13.1 kg

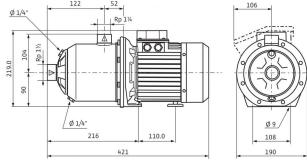
• = available, - = not available

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

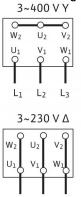


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing

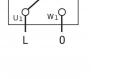


Terminal diagram



 L_1 L₂ L₃





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

Mater

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 $I_{\rm N}$	4.8 A
Nominal current 3~400 V, 50 Hz ${\it I}_{\rm N}$	2.8 A
Motor efficiency $\eta_{ m m50\%}$	81.5 %
Motor efficiency $\eta_{m75\%}$	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

information for order placementa	
Make	Wilo
Туре	MHI 803
Art no.	4210746
Weight approx. m	13.1 kg

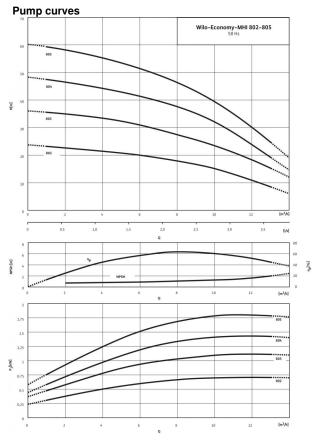
• = available, - = not available

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.

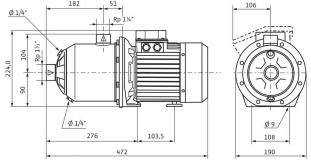
Note on materials

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

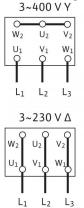


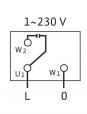
Pump curves in accordance with ISO 9906: 2012 3B

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

WOTOF	
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 $\eta_{m75\%}$	66.4 %
Motor efficiency $\eta_{m \ 100\%}$	67.8 %

Connections

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 Type

Туре	MHI 804
Art no.	4024306
Weight approx. m	16.0 kg

Wilo

• = available, - = not available

Note on inlet pressure

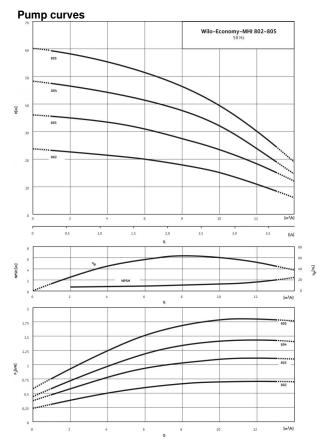
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q=0 from the maximum operating pressure of the system.

Note on materials

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

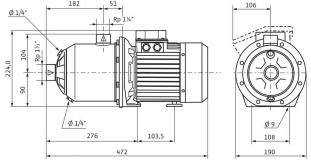
ndi.

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

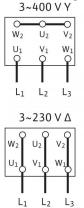


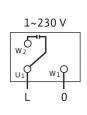
Pump curves in accordance with ISO 9906: 2012 3B

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

Mater

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 $\eta_{m75\%}$	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

Make	Wilo
Туре	MHI 804
Art no.	4015700
Weight approx. <i>m</i>	16.0 kg

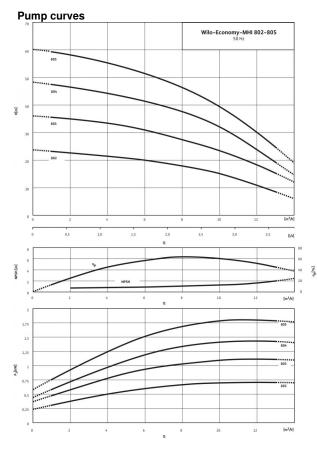
• = available, - = not available

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.

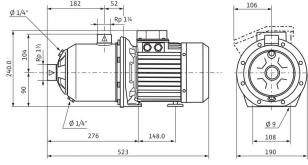
Note on materials

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

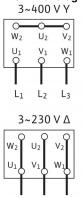


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing

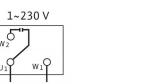


Terminal diagram



 L_1 L₂ L₃





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

Mator

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 $I_{\rm N}$	6.4 A
Nominal current 3~400 V, 50 Hz ${\it I}_{\rm N}$	3.7 A
Motor efficiency $\eta_{ m m50\%}$	83.0 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 804
Art no.	4210747
Weight approx. <i>m</i>	19.1 kg

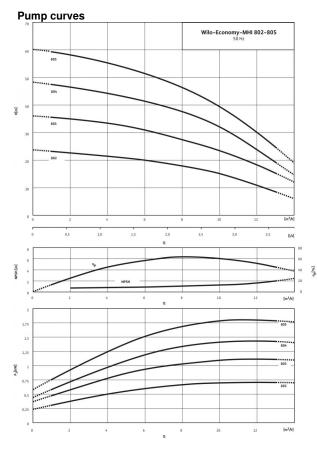
• = available, - = not available

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.

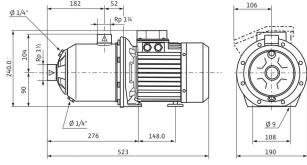
Note on materials

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

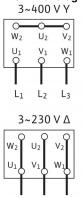


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing

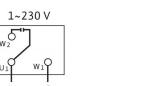


Terminal diagram



 L_1 L₂ L₃





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

Mator

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 $I_{\rm N}$	6.4 A
Nominal current 3~400 V, 50 Hz ${\it I}_{\rm N}$	3.7 A
Motor efficiency $\eta_{ m m50\%}$	83.0 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 804
Art no.	4210749
Weight approx. m	19.1 kg

• = available, - = not available

Note on inlet pressure

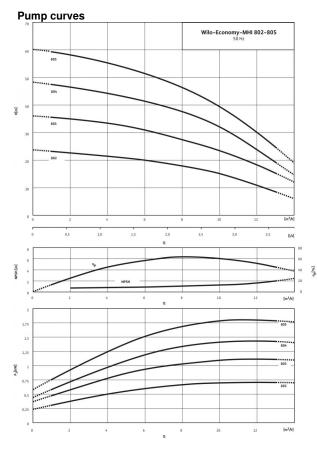
The maximum inlet pressure is calculated by subtracting the maximum delivery head of the pump at Q= 0 from the maximum operating pressure of the system.

Note on materials

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

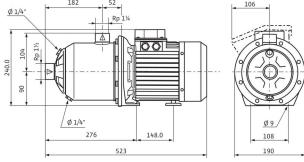
10.07.2017

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

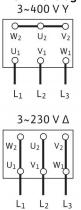


Pump curves in accordance with ISO 9906: 2012 3B

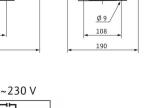
Dimension drawing



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

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 $I_{\rm N}$	9.4 A
Nominal current 3~400 V, 50 Hz I _N	5.4 A
Motor efficiency $\eta_{m 50\%}$	84.5 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 805
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Art no.	4210750
Weight approx. <i>m</i>	20.5 kg

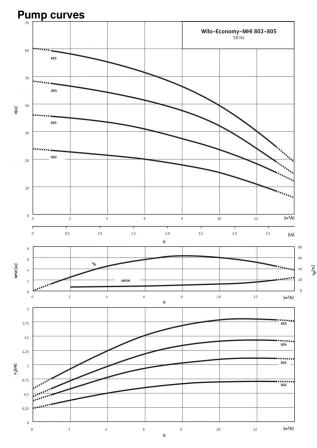
• = available, - = not available

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.

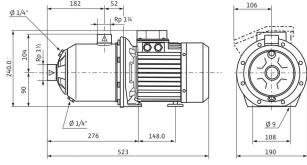
Note on materials

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

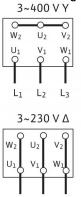


Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing

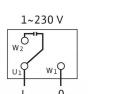


Terminal diagram



 L_1 L_2 L₃





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

Mater

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 $\eta_{\rm m50\%}$	84.5 %
Motor efficiency $\eta_{m75\%}$	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

information for order placements	
Make	Wilo
Туре	MHI 805
Art no.	4210752
Weight approx. m	20.5 kg

• = available, - = not available

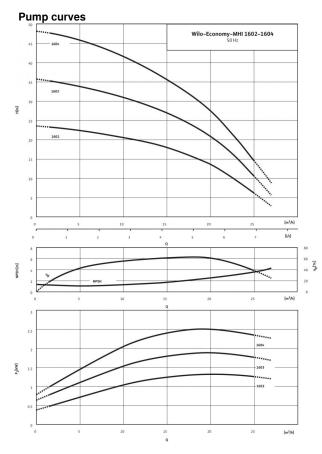
Note on inlet pressure

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

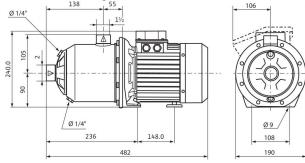
10.07.2017

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

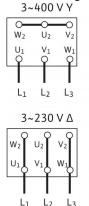


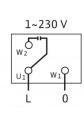
Pump curves in accordance with ISO 9906: 2012 3B

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

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 $I_{\rm N}$	6.4 A
Nominal current 3~400 V, 50 Hz $I_{\rm N}$	3.7 A
Motor efficiency $\eta_{m50\%}$	83.0 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 1602
Art no.	4210710
Weight approx. m	19.0 kg

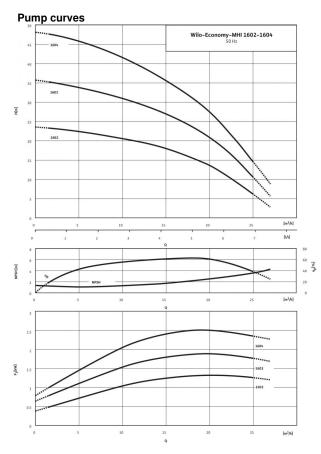
 \bullet = available, - = not available

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.

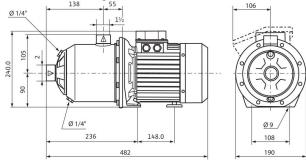
Note on materials

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

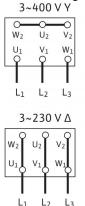


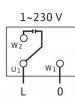
Pump curves in accordance with ISO 9906: 2012 3B

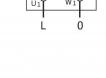
Dimension drawing



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

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 ${\it I}_{\rm N}$	9.4 A
Nominal current 3~400 V, 50 Hz I _N	5.4 A
Motor efficiency $\eta_{\rm m50\%}$	84.5 %
Motor efficiency $\eta_{m75\%}$	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
Туре	MHI 1603
Art no.	4210713
Weight approx. <i>m</i>	21.4 kg

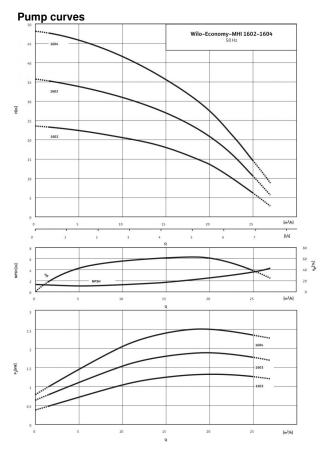
• = available, - = not available

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.

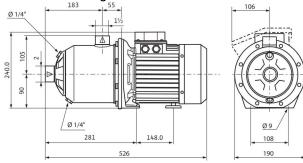
Note on materials

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

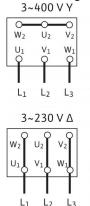


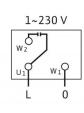
Pump curves in accordance with ISO 9906: 2012 3B

Dimension drawing



Terminal diagram





		Mechanical
	■ 106	
		Informatio
		Make
		Туре
-		Art no.
	0	Weight app

• = 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.

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 pmax	10 bar

Mater

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 $\eta_{\rm m50\%}$	84.5 %
Motor efficiency $\eta_{m75\%}$	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

on for order placements

Make	Wilo
Туре	MHI 1604
Art no.	4210715
Weight approx. <i>m</i>	22.1 kg

10.07.2017