

Wilo-Yonos MAXO



Wilo-Yonos MAXO	3
Yonos MAXO 25/0,5-7 PN 10	4
Yonos MAXO 25/0,5-10 PN 10	6
Yonos MAXO 25/0,5-12 PN 10	8
Yonos MAXO 30/0,5-7 PN 10	10
Yonos MAXO 30/0,5-10 PN 10	12
Yonos MAXO 30/0,5-12 PN 10	14
Yonos MAXO 32/0,5-10 PN6/10	16
Yonos MAXO 32/0,5-11 PN6/10	18
Yonos MAXO 40/0,5-4 PN 6/10	20
Yonos MAXO 40/0,5-8 PN 6/10	22
Yonos MAXO 40/0,5-12 PN 6/10	24
Yonos MAXO 40/0,5-16 PN 6/10	26
Yonos MAXO 50/0,5-8 PN 6/10	28
Yonos MAXO 50/0,5-9 PN 6/10	30
Yonos MAXO 50/0,5-12 PN 6/10	32
Yonos MAXO 50/0,5-16 PN 6/10	34
Yonos MAXO 65/0,5-9 PN 6/10	36
Yonos MAXO 65/0,5-12 PN 6/10	38
Yonos MAXO 65/0,5-16 PN 6/10	40
Yonos MAXO 80/0,5-6 PN 6	42
Yonos MAXO 80/0,5-6 PN 10	44
Yonos MAXO 80/0,5-12 PN 6	46
Yonos MAXO 80/0,5-12 PN 10	48
Yonos MAXO 100/0,5-12 PN 6	50
Yonos MAXO 100/0,5-12 PN 10	52



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	7.2 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.08 A
Max current I_{max}	1 A
Rated power P_2	90 W
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	3700 1/min
Power consumption $P_{1 min}$	5 W
Power consumption $P_{1 max}$	120 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	G 1½
Pipe connection on the suction side <i>DNs</i>	G 1½
Port-to-port length <i>L0</i>	180 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	8.8 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.1 A
Max current I_{max}	1.5 A
Rated power P_2	140 W
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	4450 1/min
Power consumption $P_{1 min}$	5 W
Power consumption $P_{1 max}$	190 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	G 1½
Pipe connection on the suction side <i>DNs</i>	G 1½
Port-to-port length <i>L0</i>	180 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	11.2 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.15 A
Max current I_{max}	1.33 A
Rated power P_2	200 W
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	4800 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	305 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	G 1½
Pipe connection on the suction side <i>DNs</i>	G 1½
Port-to-port length <i>L0</i>	180 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	7.2 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.08 A
Max current I_{max}	1 A
Rated power P_2	90 W
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	3700 1/min
Power consumption $P_{1 min}$	5 W
Power consumption $P_{1 max}$	120 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	G 2
Pipe connection on the suction side <i>DNs</i>	G 2
Port-to-port length <i>L0</i>	180 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	8.8 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.1 A
Max current I_{max}	1.5 A
Rated power P_2	140 W
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	4450 1/min
Power consumption $P_{1 min}$	5 W
Power consumption $P_{1 max}$	190 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	G 2
Pipe connection on the suction side <i>DNs</i>	G 2
Port-to-port length <i>L0</i>	180 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	11.2 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.15 A
Max current I_{max}	1.33 A
Rated power P_2	200 W
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	4800 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	305 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	G 2
Pipe connection on the suction side <i>DNs</i>	G 2
Port-to-port length <i>L0</i>	180 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	9.0 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.1 A
Max current I_{max}	1.5 A
Rated power P_2	140 W
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	4450 1/min
Power consumption $P_{1 min}$	5 W
Power consumption $P_{1 max}$	190 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 32
Pipe connection on the suction side <i>DNs</i>	DN 32
Port-to-port length <i>L0</i>	220 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	13.0 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V \pm 10%, 50/60 Hz
Min current I_{min}	0.15 A
Max current I_{max}	1.33 A
Rated power P_2	200 W
Min. speed n_{min}	1000 1/min
Max. speed n_{max}	4800 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	305 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 32
Pipe connection on the suction side <i>DNs</i>	DN 32
Port-to-port length <i>L0</i>	220 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	11.0 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.09 A
Max current I_{max}	1 A
Rated power P_2	90 W
Min. speed n_{min}	1200 1/min
Max. speed n_{max}	3700 1/min
Power consumption $P_{1 min}$	7 W
Power consumption $P_{1 max}$	120 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 40
Pipe connection on the suction side <i>DNs</i>	DN 40
Port-to-port length <i>L0</i>	220 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	15.0 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.15 A
Max current I_{max}	1.33 A
Rated power P_2	200 W
Min. speed n_{min}	1200 1/min
Max. speed n_{max}	4800 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	305 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 40
Pipe connection on the suction side <i>DNs</i>	DN 40
Port-to-port length <i>L0</i>	220 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	21.0 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	12 m
Minimum suction head at 110 °C	18 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V \pm 10%, 50/60 Hz
Min current I_{min}	0.17 A
Max current I_{max}	2.4 A
Rated power P_2	450 W
Min. speed n_{min}	950 1/min
Max. speed n_{max}	4600 1/min
Power consumption $P_{1 min}$	15 W
Power consumption $P_{1 max}$	550 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 40
Pipe connection on the suction side <i>DNs</i>	DN 40
Port-to-port length <i>L0</i>	250 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	28.0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.27 A
Max current I_{max}	3.5 A
Rated power P_2	650 W
Min. speed n_{min}	800 1/min
Max. speed n_{max}	3500 1/min
Power consumption $P_{1 min}$	30 W
Power consumption $P_{1 max}$	800 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 40
Pipe connection on the suction side <i>DNs</i>	DN 40
Port-to-port length <i>L0</i>	250 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	15.0 m ³ /h
Minimum suction head at 50 °C m	3 m
Minimum suction head at 95 °C m	10 m
Minimum suction head at 110 °C	16 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V \pm 10%, 50/60 Hz
Min current I_{min}	0.15 A
Max current I_{max}	1.33 A
Rated power P_2	200 W
Min. speed n_{min}	1200 1/min
Max. speed n_{max}	4800 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	305 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 50
Pipe connection on the suction side <i>DNs</i>	DN 50
Port-to-port length <i>L0</i>	240 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	22.5 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	12 m
Minimum suction head at 110 °C	18 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V \pm 10%, 50/60 Hz
Min current I_{min}	0.17 A
Max current I_{max}	2.15 A
Rated power P_2	400 W
Min. speed n_{min}	950 1/min
Max. speed n_{max}	4100 1/min
Power consumption $P_{1 min}$	15 W
Power consumption $P_{1 max}$	490 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 50
Pipe connection on the suction side <i>DNs</i>	DN 50
Port-to-port length <i>L0</i>	280 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	25.5 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	12 m
Minimum suction head at 110 °C	18 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V \pm 10%, 50/60 Hz
Min current I_{min}	0.17 A
Max current I_{max}	2.65 A
Rated power P_2	500 W
Min. speed n_{min}	950 1/min
Max. speed n_{max}	4600 1/min
Power consumption $P_{1 min}$	15 W
Power consumption $P_{1 max}$	600 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	Stainless steel
Bearing	Carbon, synthetic resin-impregnated

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 50
Pipe connection on the suction side <i>DNs</i>	DN 50
Port-to-port length <i>L0</i>	280 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	44.2 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	5.5 A
Rated power P_2	1050 W
Min. speed n_{min}	800 1/min
Max. speed n_{max}	3300 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	1250 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 50
Pipe connection on the suction side <i>DNs</i>	DN 50
Port-to-port length <i>L0</i>	340 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	25.0 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	12 m
Minimum suction head at 110 °C	18 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.17 A
Max current I_{max}	2.65 A
Rated power P_2	500 W
Min. speed n_{min}	950 1/min
Max. speed n_{max}	4100 1/min
Power consumption $P_{1 min}$	15 W
Power consumption $P_{1 max}$	600 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 65
Pipe connection on the suction side <i>DNs</i>	DN 65
Port-to-port length <i>L0</i>	280 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	42.0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	3.5 A
Rated power P_2	650 W
Min. speed n_{min}	800 1/min
Max. speed n_{max}	2800 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	800 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 65
Pipe connection on the suction side <i>DNs</i>	DN 65
Port-to-port length <i>L0</i>	340 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	49.0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	6.4 A
Rated power P_2	1200 W
Min. speed n_{min}	800 1/min
Max. speed n_{max}	3400 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	1450 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 65
Pipe connection on the suction side <i>DNs</i>	DN 65
Port-to-port length <i>L0</i>	340 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	6 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	45.3 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V \pm 10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	3.5 A
Rated power P_2	650 W
Min. speed n_{min}	900 1/min
Max. speed n_{max}	2400 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	800 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 80
Pipe connection on the suction side <i>DNs</i>	DN 80
Port-to-port length <i>L0</i>	360 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	45.3 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	3.5 A
Rated power P_2	650 W
Min. speed n_{min}	900 1/min
Max. speed n_{max}	2400 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	800 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 80
Pipe connection on the suction side <i>DNs</i>	DN 80
Port-to-port length <i>L0</i>	360 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	6 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	56.0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	6.8 A
Rated power P_2	1300 W
Min. speed n_{min}	900 1/min
Max. speed n_{max}	3300 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	1550 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 80
Pipe connection on the suction side <i>DNs</i>	DN 80
Port-to-port length <i>L0</i>	360 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	56.0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	6.8 A
Rated power P_2	1300 W
Min. speed n_{min}	900 1/min
Max. speed n_{max}	3300 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	1550 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 80
Pipe connection on the suction side <i>DNs</i>	DN 80
Port-to-port length <i>L0</i>	360 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	6 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	56.0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V \pm 10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	6.8 A
Rated power P_2	1300 W
Min. speed n_{min}	900 1/min
Max. speed n_{max}	3300 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	1550 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 100
Pipe connection on the suction side <i>DNs</i>	DN 100
Port-to-port length <i>L0</i>	360 mm



Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	0.0 m
Flow max Q_{max}	56.0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-20 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-20 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0.20
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	6.8 A
Rated power P_2	1300 W
Min. speed n_{min}	900 1/min
Max. speed n_{max}	3300 1/min
Power consumption $P_{1 min}$	40 W
Power consumption $P_{1 max}$	1550 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Threaded cable connection	2 x M20x1.5
Insulation class	F
Protection class	IPX4D

Materials

Pump housing	Grey cast iron
Impeller	PP-LGF50
Shaft	Stainless steel
Bearing	Carbon-graphite

Installation dimensions

Pipe connection on the discharge side <i>DNd</i>	DN 100
Pipe connection on the suction side <i>DNs</i>	DN 100
Port-to-port length <i>L0</i>	360 mm

Pioneering for You

wilo

WILO SE
Wilopark 1
44263 Dortmund
Germany
T +49 231 4102-0
F +49 231 4102-7363
wilo@wilo.com
www.wilo.com

More contact details at www.wilo.com