

Wilo-Stratos MAXO



Product selection

Product description	Pump connection	EEI	Port-to-port length <i>L</i> 0	Maximum operating pressure <i>P</i> N	Mains connection	Gross weight, approx. <i>m</i>	Pieces per pallet	Article number
Stratos MAXO 25/0,5-4 PN10-R7	G 1½	≤0.18	180 mm	10 bar	1~230 V, 50/60 Hz	8.3 kg	32	2217892
Stratos MAXO 25/0,5-4 PN 16	G 1½	≤0.18	180 mm	16 bar	1~230 V, 50/60 Hz	8.3 kg	32	2186255
Stratos MAXO 25/0,5-6 PN10-R7	G 1½	≤0.18	180 mm	10 bar	1~230 V, 50/60 Hz	8.3 kg	32	2217893
Stratos MAXO 25/0,5-6 PN 16	G 1½	≤0.18	180 mm	16 bar	1~230 V, 50/60 Hz	8.3 kg	32	2186256
Stratos MAXO 25/0,5-8 PN10-R7	G 1½	≤0.19	180 mm	10 bar	1~230 V, 50/60 Hz	8.3 kg	32	2217894
Stratos MAXO 25/0,5-8 PN 16	G 1½	≤0.19	180 mm	16 bar	1~230 V, 50/60 Hz	8.3 kg	32	2186257
Stratos MAXO 25/0,5-10 PN10-R7	G 1½	≤0.19	180 mm	10 bar	1~230 V, 50/60 Hz	8.6 kg	32	2217895
Stratos MAXO 25/0,5-10 PN 16	G 1½	≤0.19	180 mm	16 bar	1~230 V, 50/60 Hz	8.6 kg	32	2186258
Stratos MAXO 25/0,5-12 PN10-R7	G 1½	≤0.19	180 mm	10 bar	1~230 V, 50/60 Hz	8.6 kg	32	2217896
Stratos MAXO 25/0,5-12 PN 16	G 1½	≤0.19	180 mm	16 bar	1~230 V, 50/60 Hz	8.6 kg	32	2186259
Stratos MAXO 30/0,5-4 PN10-R7	G 2	≤0.18	180 mm	10 bar	1~230 V, 50/60 Hz	8.3 kg	32	2217897
Stratos MAXO 30/0,5-4 PN 16	G 2	≤0.18	180 mm	16 bar	1~230 V, 50/60 Hz	8.3 kg	32	2186260
Stratos MAXO 30/0,5-6 PN10-R7	G 2	≤0.18	180 mm	10 bar	1~230 V, 50/60 Hz	8.3 kg	32	2217898
Stratos MAXO 30/0,5-6 PN 16	G 2	≤0.18	180 mm	16 bar	1~230 V, 50/60 Hz	8.3 kg	32	2186261
Stratos MAXO 30/0,5-8 PN10-R7	G 2	≤0.19	180 mm	10 bar	1~230 V, 50/60 Hz	8.3 kg	32	2217899
Stratos MAXO 30/0,5-8 PN 16	G 2	≤0.19	180 mm	16 bar	1~230 V, 50/60 Hz	8.3 kg	32	2186262
Stratos MAXO 30/0,5-10 PN10-R7	G 2	≤0.19	180 mm	10 bar	1~230 V, 50/60 Hz	8.6 kg	32	2217900
Stratos MAXO 30/0,5-10 PN 16	G 2	≤0.19	180 mm	16 bar	1~230 V, 50/60 Hz	8.6 kg	32	2186263
Stratos MAXO 30/0,5-12 PN10-R7	G 2	≤0.19	180 mm	10 bar	1~230 V, 50/60 Hz	8.6 kg	32	2217901
Stratos MAXO 30/0,5-12 PN 16	G 2	≤0.19	180 mm	16 bar	1~230 V, 50/60 Hz	8.6 kg	32	2186264
Stratos MAXO 30/0,5-14 PN10-R7	G 2	≤0.19	180 mm	10 bar	1~230 V, 50/60 Hz	8.6 kg	32	2217902
Stratos MAXO 30/0,5-14 PN 16	G 2	≤0.19	180 mm	16 bar	1~230 V, 50/60 Hz	8.6 kg	32	2186265
Stratos MAXO 32/0,5-8 PN6/10-R7	DN 32	≤0.18	220 mm	10 bar	1~230 V, 50/60 Hz	14.2 kg	8	2217945
Stratos MAXO 32/0,5-8 PN 16	DN 32	≤0.18	220 mm	16 bar	1~230 V, 50/60 Hz	14.2 kg	8	2186266
Stratos MAXO 32/0,5-10 PN6/10-R7	DN 32	≤0.18	220 mm	10 bar	1~230 V, 50/60 Hz	14.5 kg	8	2217946
Stratos MAXO 32/0,5-10 PN 16	DN 32	≤0.18	220 mm	16 bar	1~230 V, 50/60 Hz	14.5 kg	8	2186267

Product description	Pump connection	EEI	Port-to-port length <i>L</i> ₀	Maximum operating pressure <i>P</i> _N	Mains connection	Gross weight, approx. <i>m</i>	Pieces per pallet	Article number
Stratos MAXO 32/0,5-12 PN6/10-R7	DN 32	≤0.18	220 mm	10 bar	1~230 V, 50/60 Hz	14.5 kg	8	2217947
Stratos MAXO 32/0,5-12 PN 16	DN 32	≤0.18	220 mm	16 bar	1~230 V, 50/60 Hz	14.5 kg	8	2186268
Stratos MAXO 32/0,5-16 PN6/10-R7	DN 32	≤0.17	220 mm	10 bar	1~230 V, 50/60 Hz	18.8 kg	8	2217948
Stratos MAXO 32/0,5-16 PN 16	DN 32	≤0.17	220 mm	16 bar	1~230 V, 50/60 Hz	18.8 kg	8	2186269
Stratos MAXO 40/0,5-4 PN6/10-R7	DN 40	≤0.19	220 mm	10 bar	1~230 V, 50/60 Hz	14.8 kg	8	2217949
Stratos MAXO 40/0,5-4 PN 16	DN 40	≤0.19	220 mm	16 bar	1~230 V, 50/60 Hz	14.8 kg	8	2186270
Stratos MAXO 40/0,5-8 PN6/10-R7	DN 40	≤0.19	220 mm	10 bar	1~230 V, 50/60 Hz	15.1 kg	8	2217950
Stratos MAXO 40/0,5-8 PN 16	DN 40	≤0.19	220 mm	16 bar	1~230 V, 50/60 Hz	15.1 kg	8	2186271
Stratos MAXO 40/0,5-10 PN6/10	DN 40	≤0.19	220 mm	10 bar	1~230 V, 50/60 Hz	15.1 kg	8	2222237
Stratos MAXO 40/0,5-10 PN6/10-R7	DN 40	≤0.19	220 mm	10 bar	1~230 V, 50/60 Hz	15.1 kg	8	2222240
Stratos MAXO 40/0,5-10 PN 16	DN 40	≤0.19	220 mm	16 bar	1~230 V, 50/60 Hz	15.1 kg	8	2225910
Stratos MAXO 40/0,5-12 PN6/10-R7	DN 40	≤0.17	250 mm	10 bar	1~230 V, 50/60 Hz	19.9 kg	8	2217951
Stratos MAXO 40/0,5-12 PN 16	DN 40	≤0.17	250 mm	16 bar	1~230 V, 50/60 Hz	19.9 kg	8	2186272
Stratos MAXO 40/0,5-16 PN6/10-R7	DN 40	≤0.17	250 mm	10 bar	1~230 V, 50/60 Hz	19.9 kg	8	2217952
Stratos MAXO 40/0,5-16 PN 16	DN 40	≤0.17	250 mm	16 bar	1~230 V, 50/60 Hz	19.9 kg	8	2186273
Stratos MAXO 50/0,5-6 PN6/10-R7	DN 50	≤0.18	240 mm	10 bar	1~230 V, 50/60 Hz	17.2 kg	8	2217953
Stratos MAXO 50/0,5-6 PN 16	DN 50	≤0.18	240 mm	16 bar	1~230 V, 50/60 Hz	17.2 kg	8	2186274
Stratos MAXO 50/0,5-8 PN6/10-R7	DN 50	≤0.17	240 mm	10 bar	1~230 V, 50/60 Hz	21.3 kg	8	2217954
Stratos MAXO 50/0,5-8 PN 16	DN 50	≤0.17	240 mm	16 bar	1~230 V, 50/60 Hz	21.3 kg	8	2186275
Stratos MAXO 50/0,5-9 PN6/10-R7	DN 50	≤0.17	280 mm	10 bar	1~230 V, 50/60 Hz	22.2 kg	8	2217955
Stratos MAXO 50/0,5-9 PN 16	DN 50	≤0.17	280 mm	16 bar	1~230 V, 50/60 Hz	22.2 kg	8	2186276
Stratos MAXO 50/0,5-10 PN6/10	DN 50	≤0.18	240 mm	10 bar	1~230 V, 50/60 Hz	17.2 kg	8	2222242
Stratos MAXO 50/0,5-10 PN6/10-R7	DN 50	≤0.18	240 mm	10 bar	1~230 V, 50/60 Hz	17.2 kg	8	2222245
Stratos MAXO 50/0,5-10 PN 16	DN 50	≤0.18	240 mm	16 bar	1~230 V, 50/60 Hz	17.2 kg	8	2225911
Stratos MAXO 50/0,5-12 PN6/10-R7	DN 50	≤0.17	280 mm	10 bar	1~230 V, 50/60 Hz	22.2 kg	8	2217956
Stratos MAXO 50/0,5-12 PN 16	DN 50	≤0.17	280 mm	16 bar	1~230 V, 50/60 Hz	22.2 kg	8	2186277
Stratos MAXO 50/0,5-14 PN6/10-R7	DN 50	≤0.17	340 mm	10 bar	1~230 V, 50/60 Hz	31.3 kg	8	2217957
Stratos MAXO 50/0,5-14 PN 16	DN 50	≤0.17	340 mm	16 bar	1~230 V, 50/60 Hz	31.3 kg	8	2186278

Product description	Pump connection	EEI	Port-to-port length <i>L</i> 0	Maximum operating pressure <i>P</i> N	Mains connection	Gross weight, approx. <i>m</i>	Pieces per pallet	Article number
Stratos MAXO 50/0,5-16 PN6/10-R7	DN 50	≤0.17	340 mm	10 bar	1~230 V, 50/60 Hz	32.4 kg	8	2217958
Stratos MAXO 50/0,5-16 PN 16	DN 50	≤0.17	340 mm	16 bar	1~230 V, 50/60 Hz	32.4 kg	8	2186279
Stratos MAXO 65/0,5-6 PN6/10-R7	DN 65	≤0.17	280 mm	10 bar	1~230 V, 50/60 Hz	23.9 kg	8	2217959
Stratos MAXO 65/0,5-6 PN 16	DN 65	≤0.17	280 mm	16 bar	1~230 V, 50/60 Hz	23.9 kg	8	2186280
Stratos MAXO 65/0,5-9 PN6/10-R7	DN 65	≤0.17	280 mm	10 bar	1~230 V, 50/60 Hz	23.9 kg	8	2217960
Stratos MAXO 65/0,5-9 PN 16	DN 65	≤0.17	280 mm	16 bar	1~230 V, 50/60 Hz	23.9 kg	8	2186281
Stratos MAXO 65/0,5-12 PN6/10-R7	DN 65	≤0.17	340 mm	10 bar	1~230 V, 50/60 Hz	33.8 kg	8	2217961
Stratos MAXO 65/0,5-12 PN 16	DN 65	≤0.17	340 mm	16 bar	1~230 V, 50/60 Hz	33.8 kg	8	2186282
Stratos MAXO 65/0,5-16 PN6/10-R7	DN 65	≤0.17	340 mm	10 bar	1~230 V, 50/60 Hz	34.9 kg	8	2217962
Stratos MAXO 65/0,5-16 PN 16	DN 65	≤0.17	340 mm	16 bar	1~230 V, 50/60 Hz	34.9 kg	8	2186283
Stratos MAXO 80/0,5-6 PN6-R7	DN 80	≤0.17	360 mm	6 bar	1~230 V, 50/60 Hz	35.1 kg	8	2217963
Stratos MAXO 80/0,5-6 PN10-R7	DN 80	≤0.17	360 mm	10 bar	1~230 V, 50/60 Hz	35.1 kg	8	2217964
Stratos MAXO 80/0,5-6 PN 16	DN 80	≤0.17	360 mm	16 bar	1~230 V, 50/60 Hz	35.1 kg	8	2186284
Stratos MAXO 80/0,5-12 PN6	DN 80	≤0.17	360 mm	6 bar	1~230 V, 50/60 Hz	36.2 kg	8	2164598
Stratos MAXO 80/0,5-12 PN6-R7	DN 80	≤0.17	360 mm	6 bar	1~230 V, 50/60 Hz	36.2 kg	8	2217965
Stratos MAXO 80/0,5-12 PN10-R7	DN 80	≤0.17	360 mm	10 bar	1~230 V, 50/60 Hz	36.2 kg	8	2217966
Stratos MAXO 80/0,5-12 PN 16	DN 80	≤0.17	360 mm	16 bar	1~230 V, 50/60 Hz	36.2 kg	8	2186285
Stratos MAXO 80/0,5-16 PN6-R7	DN 80	≤0.17	360 mm	6 bar	1~230 V, 50/60 Hz	36.2 kg	8	2217967
Stratos MAXO 80/0,5-16 PN10-R7	DN 80	≤0.17	360 mm	10 bar	1~230 V, 50/60 Hz	36.2 kg	8	2217968
Stratos MAXO 80/0,5-16 PN 16	DN 80	≤0.17	360 mm	16 bar	1~230 V, 50/60 Hz	36.2 kg	8	2186286
Stratos MAXO 100/0,5-6 PN6-R7	DN 100	≤0.17	360 mm	6 bar	1~230 V, 50/60 Hz	38.2 kg	8	2217969
Stratos MAXO 100/0,5-6 PN10-R7	DN 100	≤0.17	360 mm	10 bar	1~230 V, 50/60 Hz	38.2 kg	8	2217970
Stratos MAXO 100/0,5-6 PN 16	DN 100	≤0.17	360 mm	16 bar	1~230 V, 50/60 Hz	38.2 kg	8	2186287
Stratos MAXO 100/0,5-12 PN6-R7	DN 100	≤0.17	360 mm	6 bar	1~230 V, 50/60 Hz	39.3 kg	8	2217971
Stratos MAXO 100/0,5-12 PN10-R7	DN 100	≤0.17	360 mm	10 bar	1~230 V, 50/60 Hz	39.3 kg	8	2217972
Stratos MAXO 100/0,5-12 PN 16	DN 100	≤0.17	360 mm	16 bar	1~230 V, 50/60 Hz	39.3 kg	8	2186288

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	4.2 m
Flow max $Q_{\max}$	8.1 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.58 A
Rated power P_2	69 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	2550 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	80 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 1½
Pipe connection on the discharge side DN_d	G 1½
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	4.2 m
Flow max $Q_{\max}$	8.1 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.58 A
Rated power P_2	69 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	2550 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	80 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 1½
Pipe connection on the discharge side DN_d	G 1½
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	6.2 m
Flow max $Q_{\max}$	9.7 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.95 A
Rated power P_2	114 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	135 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 1½
Pipe connection on the discharge side DN_d	G 1½
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	6.2 m
Flow max $Q_{\max}$	9.7 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.95 A
Rated power P_2	114 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	135 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	G 1½
Pipe connection on the discharge side DNd	G 1½
Port-to-port length $L0$	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	8.5 m
Flow max $Q_{\max}$	10.0 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.05 A
Rated power P_2	133 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3600 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	160 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 1½
Pipe connection on the discharge side DN_d	G 1½
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	8.5 m
Flow max Q_{max}	10.0 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.11 A
Max current I_{max}	1.05 A
Rated power P_2	133 W
Min. speed n_{min}	750 1/min
Max. speed n_{max}	3600 1/min
Power consumption $P_{1 min}$	7 W
Power consumption $P_{1 max}$	160 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 1½
Pipe connection on the discharge side DN_d	G 1½
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	10.2 m
Flow max $Q_{\max}$	12.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.2 A
Rated power P_2	234 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	275 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	G 1½
Pipe connection on the discharge side DNd	G 1½
Port-to-port length $L0$	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	10.2 m
Flow max $Q_{\max}$	12.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.2 A
Rated power P_2	234 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	275 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 1½
Pipe connection on the discharge side DNd	G 1½
Port-to-port length $L0$	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	12.4 m
Flow max $Q_{\max}$	12.4 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.28 A
Rated power P_2	262 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4350 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	295 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	G 1½
Pipe connection on the discharge side DNd	G 1½
Port-to-port length $L0$	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	12.4 m
Flow max $Q_{\max}$	12.4 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.28 A
Rated power P_2	262 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4350 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	295 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 1½
Pipe connection on the discharge side DN_d	G 1½
Port-to-port length L_0	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	4.2 m
Flow max $Q_{\max}$	8.1 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.58 A
Rated power P_2	69 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	2550 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	80 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 2
Pipe connection on the discharge side DN_d	G 2
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	4.2 m
Flow max $Q_{\max}$	8.1 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.58 A
Rated power P_2	69 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	2550 1/min
Power consumption $P_{1\min}$	7 W
Power consumption $P_{1\max}$	80 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 2
Pipe connection on the discharge side DN_d	G 2
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	6.1 m
Flow max $Q_{\max}$	9.8 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.95 A
Rated power P_2	114 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1\min}$	7 W
Power consumption $P_{1\max}$	135 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 2
Pipe connection on the discharge side DN_d	G 2
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure PN	16 bar
Head max $H_{\max}$	6.1 m
Flow max $Q_{\max}$	9.8 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.95 A
Rated power P_2	114 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	135 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 2
Pipe connection on the discharge side DN_d	G 2
Port-to-port length L_0	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	8.5 m
Flow max Q_{max}	10.0 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}	-10 °C
Max. fluid temperature T_{max}	90 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.11 A
Max current I_{max}	1.05 A
Rated power P_2	133 W
Min. speed n_{min}	750 1/min
Max. speed n_{max}	3600 1/min
Power consumption $P_{1 min}$	7 W
Power consumption $P_{1 max}$	160 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	G 2
Pipe connection on the discharge side DNd	G 2
Port-to-port length $L0$	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	8.5 m
Flow max Q_{max}	10.0 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.11 A
Max current I_{max}	1.05 A
Rated power P_2	133 W
Min. speed n_{min}	750 1/min
Max. speed n_{max}	3600 1/min
Power consumption $P_{1 min}$	7 W
Power consumption $P_{1 max}$	160 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	G 2
Pipe connection on the discharge side DNd	G 2
Port-to-port length $L0$	180 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	10.2 m
Flow max $Q_{\max}$	12.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.2 A
Rated power P_2	234 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	275 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 2
Pipe connection on the discharge side DN_d	G 2
Port-to-port length L_0	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	10.2 m
Flow max $Q_{\max}$	12.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.2 A
Rated power P_2	234 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	275 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	G 2
Pipe connection on the discharge side DNd	G 2
Port-to-port length $L0$	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	12.4 m
Flow max $Q_{\max}$	12.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.28 A
Rated power P_2	262 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4350 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	295 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 2
Pipe connection on the discharge side DN_d	G 2
Port-to-port length L_0	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	12.4 m
Flow max $Q_{\max}$	12.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.28 A
Rated power P_2	262 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4350 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	295 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	G 2
Pipe connection on the discharge side DN_d	G 2
Port-to-port length L_0	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	14.2 m
Flow max $Q_{\max}$	12.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.5 A
Rated power P_2	304 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4650 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	340 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	G 2
Pipe connection on the discharge side DNd	G 2
Port-to-port length $L0$	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	14.2 m
Flow max Q_{max}	12.3 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.11 A
Max current I_{max}	1.5 A
Rated power P_2	304 W
Min. speed n_{min}	750 1/min
Max. speed n_{max}	4650 1/min
Power consumption $P_{1 min}$	7 W
Power consumption $P_{1 max}$	340 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	G 2
Pipe connection on the discharge side DNd	G 2
Port-to-port length $L0$	180 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	8.4 m
Flow max $Q_{\max}$	13.2 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.1 A
Rated power P_2	133 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3550 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	160 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 32
Pipe connection on the discharge side DN_d	DN 32
Port-to-port length L_0	220 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	8.4 m
Flow max $Q_{\max}$	13.2 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.1 A
Rated power P_2	133 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3550 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	160 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 32
Pipe connection on the discharge side DN_d	DN 32
Port-to-port length L_0	220 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	10.4 m
Flow max $Q_{\max}$	15.9 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.09 A
Rated power P_2	206 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4000 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	250 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 32
Pipe connection on the discharge side DN_d	DN 32
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	16 bar
Head max $H_{\max}$	10.4 m
Flow max $Q_{\max}$	15.9 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.09 A
Rated power P_2	206 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4000 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	250 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 32
Pipe connection on the discharge side DN_d	DN 32
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	12.5 m
Flow max $Q_{\max}$	17.1 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.42 A
Rated power P_2	266 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4400 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	320 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 32
Pipe connection on the discharge side DN_d	DN 32
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	12.5 m
Flow max $Q_{\max}$	17.1 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.42 A
Rated power P_2	266 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	4400 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	320 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 32
Pipe connection on the discharge side DN_d	DN 32
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	16.1 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.23 A
Rated power P_2	433 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	4950 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	510 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 32
Pipe connection on the discharge side DN_d	DN 32
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	16.1 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.23 A
Rated power P_2	433 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	4950 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	510 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 32
Pipe connection on the discharge side DN_d	DN 32
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	4.5 m
Flow max $Q_{\max}$	16.0 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.93 A
Rated power P_2	99 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	2600 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	130 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	220 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	4.5 m
Flow max $Q_{\max}$	16.0 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	0.93 A
Rated power P_2	99 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	2600 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	130 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	220 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	9.4 m
Flow max $Q_{\max}$	22.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.2 A
Rated power P_2	229 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3750 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	280 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	9.4 m
Flow max $Q_{\max}$	22.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.2 A
Rated power P_2	229 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3750 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	280 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	10.6 m
Flow max $Q_{\max}$	15.7 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.03 A
Rated power P_2	195 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	235 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	10.6 m
Flow max $Q_{\max}$	15.7 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.03 A
Rated power P_2	195 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	235 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	10.6 m
Flow max $Q_{\max}$	15.7 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.19
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.03 A
Rated power P_2	195 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	235 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	220 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	14.0 m
Flow max $Q_{\max}$	27.6 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.49 A
Rated power P_2	479 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3600 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	570 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	250 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	14.0 m
Flow max Q_{max}	27.6 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.2 A
Max current I_{max}	2.49 A
Rated power P_2	479 W
Min. speed n_{min}	650 1/min
Max. speed n_{max}	3600 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	570 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DNs	DN 40
Pipe connection on the discharge side DNd	DN 40
Port-to-port length $L0$	250 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	16.3 m
Flow max Q_{max}	30.2 m³/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}	-10 °C
Max. fluid temperature T_{max}	90 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.2 A
Max current I_{max}	2.8 A
Rated power P_2	537 W
Min. speed n_{min}	650 1/min
Max. speed n_{max}	3850 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	640 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DN_d	DN 40
Port-to-port length L_0	250 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	16.3 m
Flow max $Q_{\max}$	30.2 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.8 A
Rated power P_2	537 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3850 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	640 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 40
Pipe connection on the discharge side DNd	DN 40
Port-to-port length $L0$	250 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	6.6 m
Flow max $Q_{\max}$	22.7 m³/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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.17 A
Rated power P_2	216 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3150 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	270 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	240 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	6.6 m
Flow max $Q_{\max}$	22.7 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.17 A
Rated power P_2	216 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3150 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	270 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	240 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	9.7 m
Flow max $Q_{\max}$	26.9 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	1.72 A
Rated power P_2	327 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3800 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	390 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	240 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	9.7 m
Flow max Q_{max}	26.9 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.2 A
Max current I_{max}	1.72 A
Rated power P_2	327 W
Min. speed n_{min}	650 1/min
Max. speed n_{max}	3800 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	390 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	240 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	10.7 m
Flow max $Q_{\max}$	34.7 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.4 A
Rated power P_2	456 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	550 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	280 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	10.7 m
Flow max $Q_{\max}$	34.7 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.4 A
Rated power P_2	456 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	550 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	280 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	10.6 m
Flow max $Q_{\max}$	16.8 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.05 A
Rated power P_2	200 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	240 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	240 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	10.6 m
Flow max $Q_{\max}$	16.8 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.05 A
Rated power P_2	200 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	240 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DNd	DN 50
Port-to-port length $L0$	240 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	10.6 m
Flow max $Q_{\max}$	16.8 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.18
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.11 A
Max current $I_{\max}$	1.05 A
Rated power P_2	200 W
Min. speed $n_{\min}$	750 1/min
Max. speed $n_{\max}$	3950 1/min
Power consumption $P_{1 \min}$	7 W
Power consumption $P_{1 \max}$	240 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	240 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4122, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	13.1 m
Flow max $Q_{\max}$	35.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.46 A
Rated power P_2	470 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3350 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	560 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	280 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	16 bar
Head max $H_{\max}$	13.1 m
Flow max $Q_{\max}$	35.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.46 A
Rated power P_2	470 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3350 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	560 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	280 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	15.8 m
Flow max $Q_{\max}$	48.2 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	4.27 A
Rated power P_2	844 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	970 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	340 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	15.8 m
Flow max $Q_{\max}$	48.2 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	4.27 A
Rated power P_2	844 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	970 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	340 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	15.8 m
Flow max $Q_{\max}$	54.0 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	6.52 A
Rated power P_2	1272 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1480 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	340 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	15.8 m
Flow max $Q_{\max}$	54.0 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	6.52 A
Rated power P_2	1272 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1480 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 50
Pipe connection on the discharge side DN_d	DN 50
Port-to-port length L_0	340 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	6.7 m
Flow max $Q_{\max}$	37.9 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	9 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	1.91 A
Rated power P_2	360 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	2400 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	440 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the discharge side DN_d	DN 65
Port-to-port length L_0	280 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	6.7 m
Flow max Q_{max}	37.9 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	9 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.2 A
Max current I_{max}	1.91 A
Rated power P_2	360 W
Min. speed n_{min}	650 1/min
Max. speed n_{max}	2400 1/min
Power consumption $P_{1 min}$	10 W
Power consumption $P_{1 max}$	440 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the discharge side DN_d	DN 65
Port-to-port length L_0	280 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	12.1 m
Flow max $Q_{\max}$	42.1 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	9 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.47 A
Rated power P_2	470 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	560 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the discharge side DN_d	DN 65
Port-to-port length L_0	280 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	12.1 m
Flow max $Q_{\max}$	42.1 m ³ /h
Minimum suction head at 50 °C m	5 m
Minimum suction head at 95 °C m	9 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.2 A
Max current $I_{\max}$	2.47 A
Rated power P_2	470 W
Min. speed $n_{\min}$	650 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	10 W
Power consumption $P_{1 \max}$	560 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the discharge side DN_d	DN 65
Port-to-port length L_0	280 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	14.1 m
Flow max Q_{max}	48.3 m³/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}	-10 °C
Max. fluid temperature T_{max}	90 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	4.17 A
Rated power P_2	826 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3000 1/min
Power consumption $P_{1 min}$	20 W
Power consumption $P_{1 max}$	950 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the discharge side DN_d	DN 65
Port-to-port length L_0	340 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	14.1 m
Flow max Q_{max}	48.3 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	4.17 A
Rated power P_2	826 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3000 1/min
Power consumption $P_{1 min}$	20 W
Power consumption $P_{1 max}$	950 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the discharge side DNd	DN 65
Port-to-port length $L0$	340 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	16.1 m
Flow max $Q_{\max}$	54.8 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	6.23 A
Rated power P_2	1238 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1440 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the discharge side DN_d	DN 65
Port-to-port length L_0	340 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	16.1 m
Flow max $Q_{\max}$	54.8 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	6.23 A
Rated power P_2	1238 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1440 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 65
Pipe connection on the discharge side DN_d	DN 65
Port-to-port length L_0	340 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	6 bar
Head max $H_{\max}$	8.3 m
Flow max $Q_{\max}$	62.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	3.71 A
Rated power P_2	739 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	2350 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	850 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	8.3 m
Flow max $Q_{\max}$	62.3 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	3.71 A
Rated power P_2	739 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	2350 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	850 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	8.3 m
Flow max Q_{max}	62.3 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	3.71 A
Rated power P_2	739 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	2350 1/min
Power consumption $P_{1 min}$	20 W
Power consumption $P_{1 max}$	850 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	6 bar
Head max $H_{\max}$	14.0 m
Flow max $Q_{\max}$	68.6 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	6.13 A
Rated power P_2	1212 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1410 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	6 bar
Head max H_{max}	14.0 m
Flow max Q_{max}	68.6 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}	-10 °C
Max. fluid temperature T_{max}	90 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	6.13 A
Rated power P_2	1212 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3050 1/min
Power consumption $P_{1 min}$	20 W
Power consumption $P_{1 max}$	1410 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max $H_{\max}$	14.0 m
Flow max $Q_{\max}$	68.6 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	6.13 A
Rated power P_2	1212 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1410 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	14.0 m
Flow max Q_{max}	68.6 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	6.13 A
Rated power P_2	1212 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3050 1/min
Power consumption $P_{1 min}$	20 W
Power consumption $P_{1 max}$	1410 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	6 bar
Head max $H_{\max}$	16.0 m
Flow max $Q_{\max}$	75.9 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	7.14 A
Rated power P_2	1414 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3200 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1645 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	16.0 m
Flow max Q_{max}	75.9 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}	-10 °C
Max. fluid temperature T_{max}	90 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	7.14 A
Rated power P_2	1414 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3200 1/min
Power consumption $P_{1 min}$	20 W
Power consumption $P_{1 max}$	1645 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	16.0 m
Flow max Q_{max}	75.9 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}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	7.14 A
Rated power P_2	1414 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3200 1/min
Power consumption $P_{1 min}$	20 W
Power consumption $P_{1 max}$	1645 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 80
Pipe connection on the discharge side DN_d	DN 80
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	6 bar
Head max $H_{\max}$	8.4 m
Flow max $Q_{\max}$	64.5 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	3.61 A
Rated power P_2	722 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	2350 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	830 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100
Port-to-port length L_0	360 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure PN	10 bar
Head max $H_{\max}$	8.4 m
Flow max $Q_{\max}$	64.5 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	3.61 A
Rated power P_2	722 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	2350 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	830 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100
Port-to-port length L_0	360 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max $H_{\max}$	8.4 m
Flow max $Q_{\max}$	64.5 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	3.61 A
Rated power P_2	722 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	2350 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	830 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100
Port-to-port length L_0	360 mm

Materials

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

Data sheet

Hydraulic data

Maximum operating pressure P_N	6 bar
Head max $H_{\max}$	14.0 m
Flow max $Q_{\max}$	69.0 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	90 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	5.7 A
Rated power P_2	1109 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1290 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure P_N	10 bar
Head max H_{max}	14.0 m
Flow max Q_{max}	69.0 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}	-10 °C
Max. fluid temperature T_{max}	90 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current I_{min}	0.3 A
Max current I_{max}	5.7 A
Rated power P_2	1109 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3050 1/min
Power consumption $P_{1 min}$	20 W
Power consumption $P_{1 max}$	1290 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

Data sheet

Hydraulic data

Maximum operating pressure PN	16 bar
Head max $H_{\max}$	14.0 m
Flow max $Q_{\max}$	69.0 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 $T_{\min}$	-10 °C
Max. fluid temperature $T_{\max}$	110 °C
Min. ambient temperature $T_{\min}$	-10 °C
Max. ambient temperature $T_{\max}$	40 °C

Motor data

Energy efficiency index (EEI)	≤0.17
Mains connection	1~230 V ±10%, 50/60 Hz
Min current $I_{\min}$	0.3 A
Max current $I_{\max}$	5.7 A
Rated power P_2	1109 W
Min. speed $n_{\min}$	500 1/min
Max. speed $n_{\max}$	3050 1/min
Power consumption $P_{1 \min}$	20 W
Power consumption $P_{1 \max}$	1290 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D
Threaded cable connection	5 x M16x1.5

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the discharge side DN_d	DN 100
Port-to-port length L_0	360 mm

Materials

Pump housing	Grey cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

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