

Electric pump

EL7.5SS

PUMP SPECIFICATIONS

Capacity [m ³ /h]	58
Head [m]	12
Impeller diameter [mm]/type	260/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	260

ELECTRIC MOTOR

Power [kW-HP]	9-12.5
Voltage [V]/Current [A]	230-400/31.6-18
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

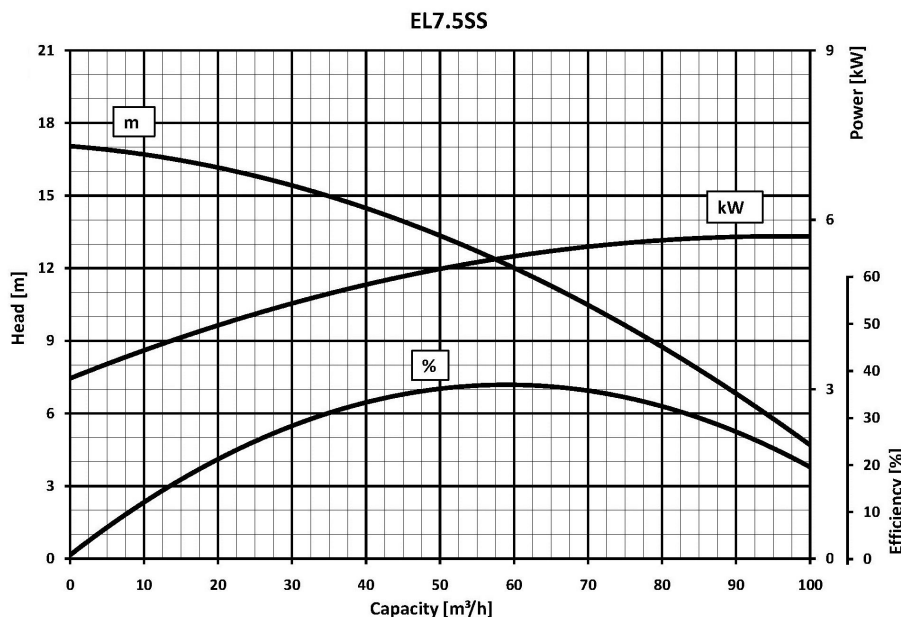
SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Oil type	ISO 32

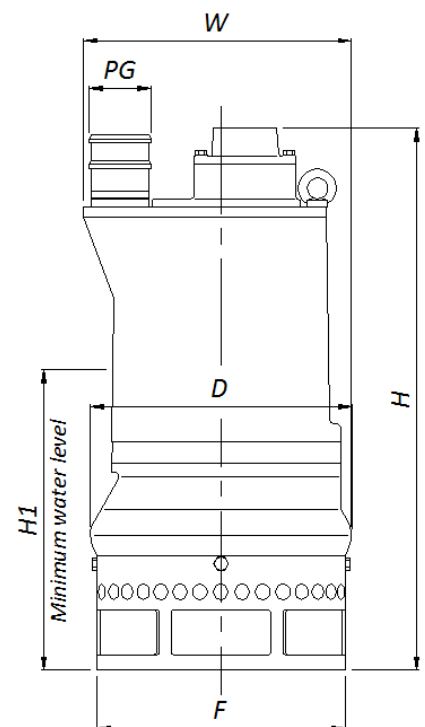
DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



We reserve the right to make changes without notice



Electric pump

EL7.5SS

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	58 - (255)
Head [m - (ft)]	12 - (39)
Impeller diameter [mm - (in)]/type	225 - (9)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm - (in)]	25 - (1)
Weight (without cable) [kg - (lbs)]	260 - (572)

ELECTRIC MOTOR

Power [kW-HP]	9-12.5
Voltage [V]/Current [A]	280-460/26.6-16
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

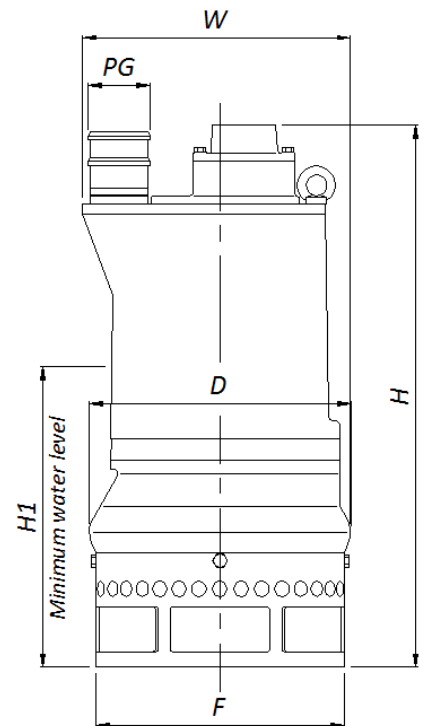
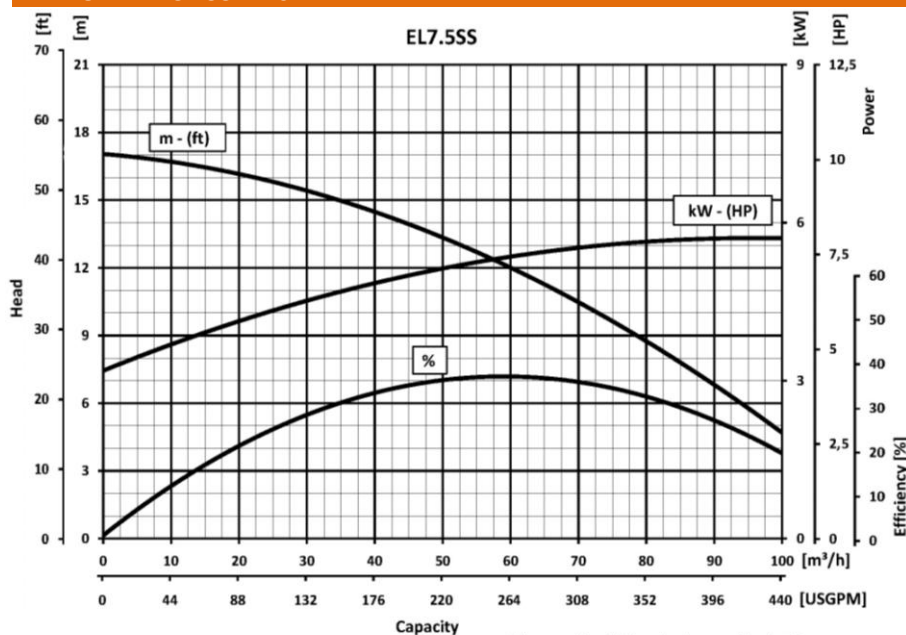
SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Oil type	ISO 32

DIMENSIONS [mm - (in)]

H	W	D	F	H1	PG
920	435	435	415	550	100
(36.8)	(17.4)	(17.4)	(16.6)	(22)	(4)

PERFORMANCE CURVES



Electric pump

EL10SS

PUMP SPECIFICATIONS

Capacity [m ³ /h]	60
Head [m]	15.5
Impeller diameter [mm]/type	300/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	270

ELECTRIC MOTOR

Power [kW-HP]	11-15
Voltage [V]/Current [A]	230-400/36.5-22
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

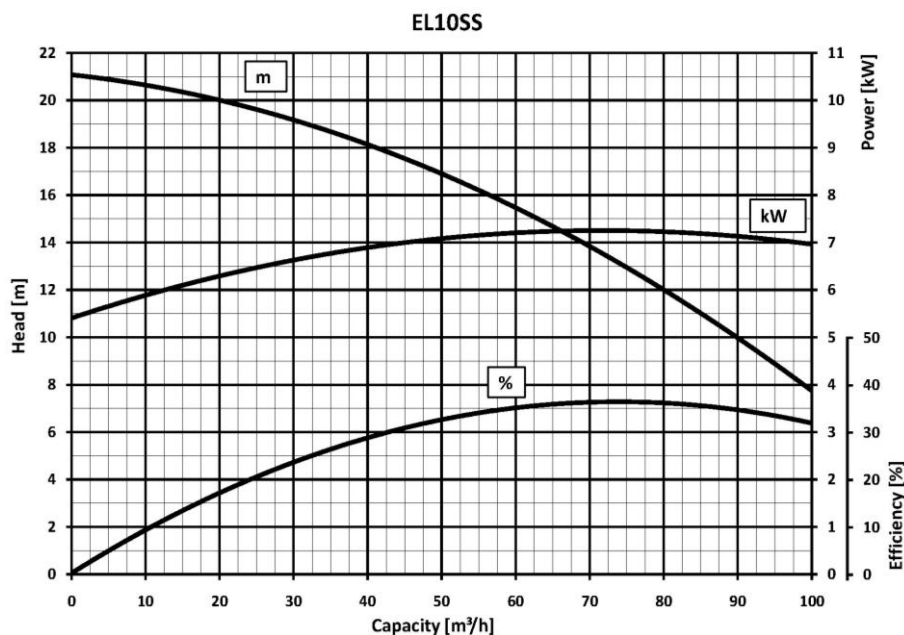
SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Oil type	ISO 32

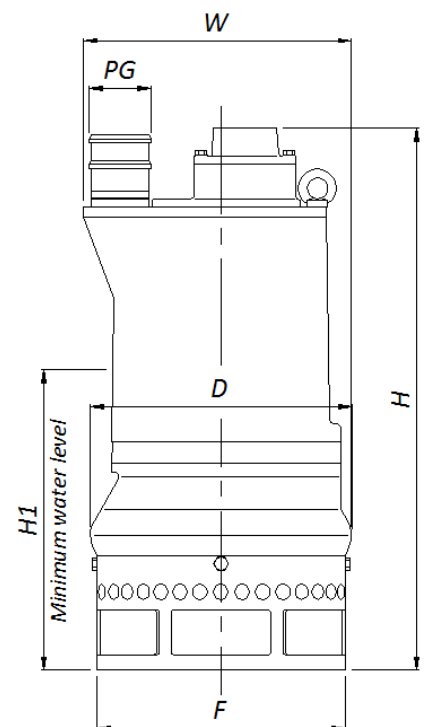
DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



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Electric pump

EL10SS

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	60 - (264)
Head [m - (ft)]	15.5 - (50)
Impeller diameter [mm - (in)]/type	250 - (10)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm] - (in)	25 - (1)
Weight (without cable) [kg - (lbs)]	260 - (572)

ELECTRIC MOTOR

Power [kW-HP]	11-15
Voltage [V]/Current [A]	280-460/30.7-19.6
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

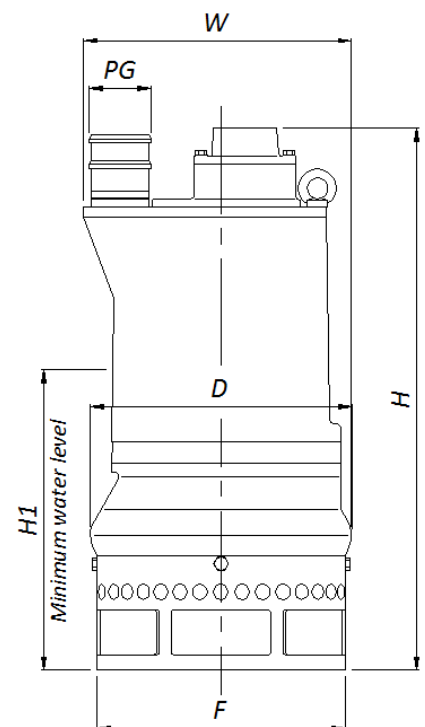
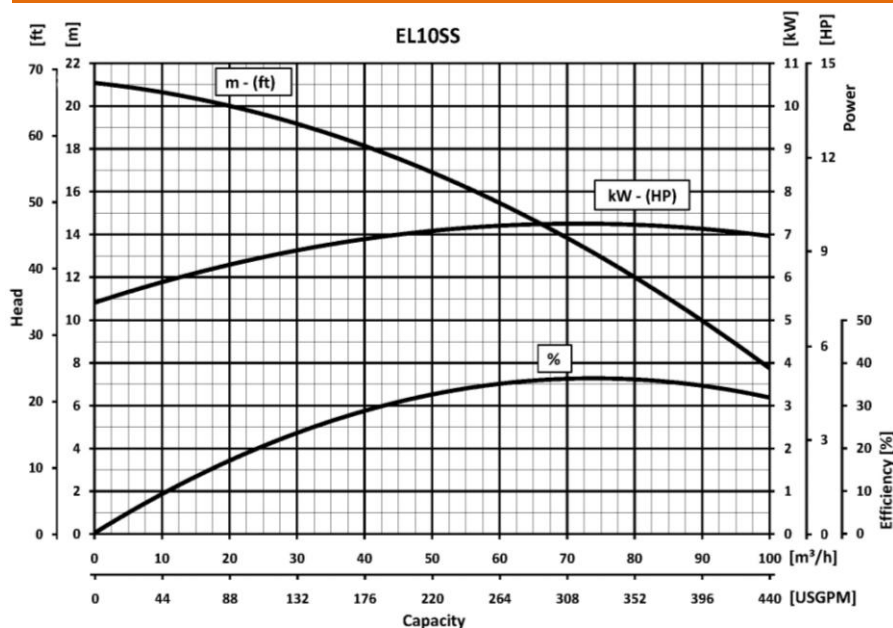
SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Oil type	ISO 32

DIMENSIONS [mm - (in)]

H	W	D	F	H1	PG
920	435	435	415	550	100
(36.8)	(17.4)	(17.4)	(16.6)	(22)	(4)

PERFORMANCE CURVES



Electric pump

EL12.5SS

PUMP SPECIFICATIONS

Capacity [m ³ /h]	60
Head [m]	19.5
Impeller diameter [mm]/type	308/4 blades opened
Hose adaptor diameter [mm]	100
Cross section diameter [mm]	25
Weight (without cable) [kg]	270

ELECTRIC MOTOR

Power [kW-HP]	13-18
Voltage [V]/Current [A]	230-400/45.7-26.6
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Oil type	ISO 32

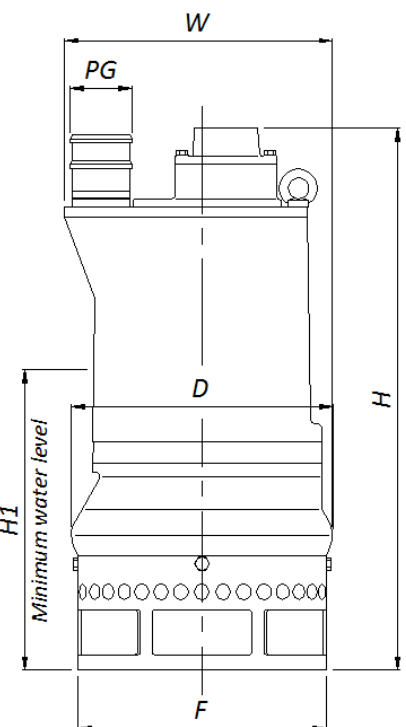
DIMENSIONS [mm]

H	W	D	F	H1	PG
920	435	435	415	550	100

PERFORMANCE CURVES



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Electric pump

EL12.5SS

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	60 - (264)
Head [m - (ft)]	19.5 - (63)
Impeller diameter [mm - (in)]/type	260 - (10.4)/4 blades opened
Hose adaptor diameter [mm - (in)]	100 - (4)
Cross section diameter [mm - (in)]	25 - (1)
Weight (without cable) [kg] - [lbs]	270- (594)

ELECTRIC MOTOR

Power [kW-HP]	13-18
Voltage [V]/Current [A]	280-460/38.4-23.7
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G10

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

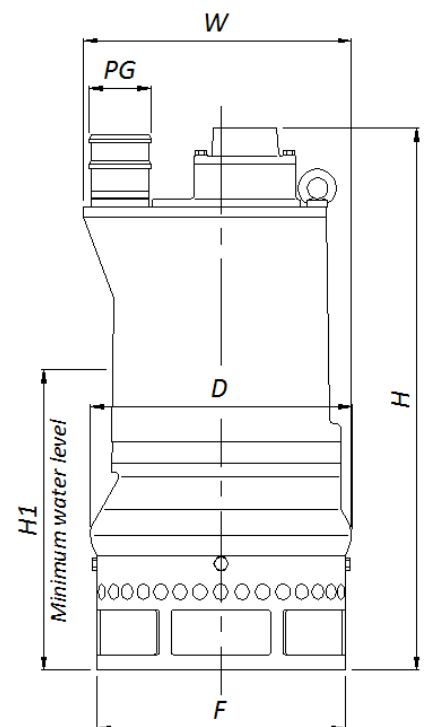
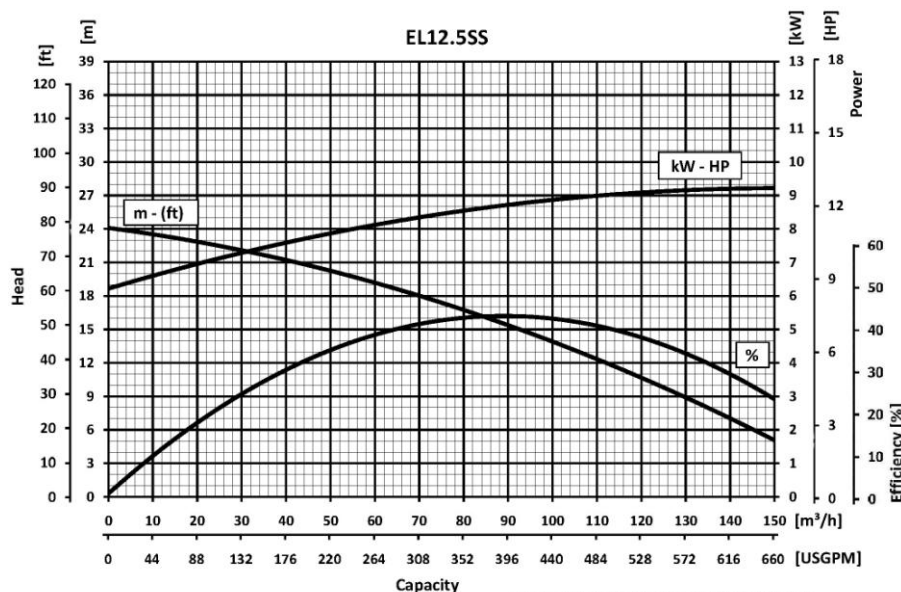
SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Oil type	ISO 32

DIMENSIONS [mm - (in)]

H	W	D	F	H1	PG
920	435	435	415	550	100
(36.8)	(17.4)	(17.4)	(16.6)	(22)	(4)

PERFORMANCE CURVES



Electric pump

EL35SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h]	90	140
Head [m]	31	27
Impeller diameter [mm]/type	490/2 blades closed	
Flanged bore size [DN.../PN...]	DN100/PN10	DN150/PN10
Cross section diameter [mm]	35	
Weight (without cable) [kg]	1000	1010

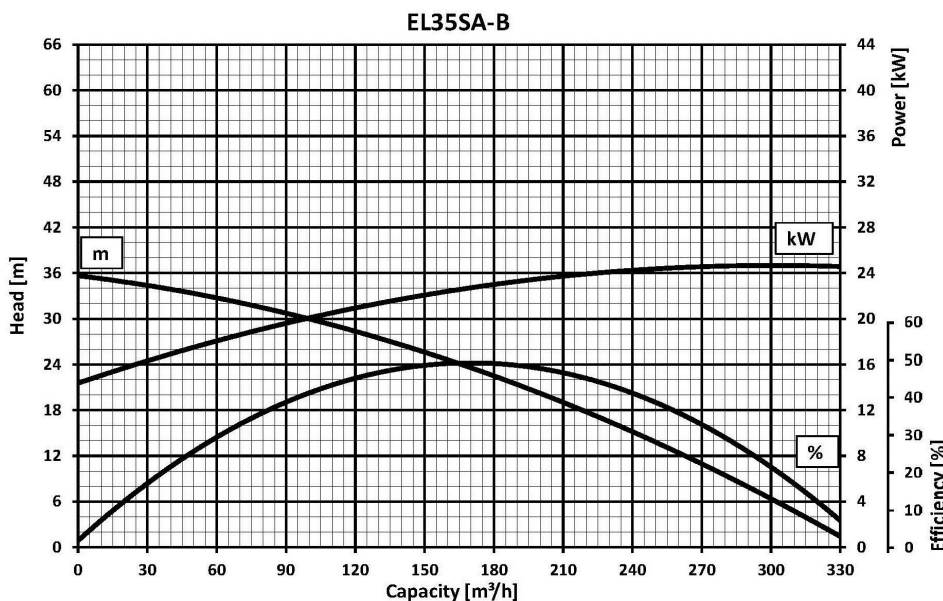
ELECTRIC MOTOR	
Power [kW-HP]	44-60
Voltage [V]/Current [A]	400/88
Phases/Poles/Frequency [Hz]	3/6/50
Speed [RPM]	980
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

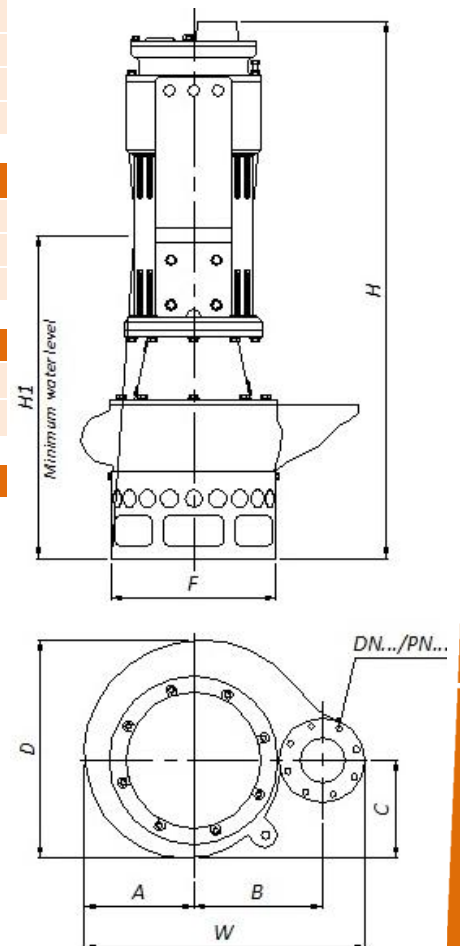
SEALS / LUBRICANT	
Motor side seals	1 mechanical seal
Impeller side seals	1 mechanical seal + 1 lip seals (BUNA) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm]							
H	W	D	F	H1	A	B	C
1540	910	750	600	1000	360	435	350

PERFORMANCE CURVES



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Electric pump

EL60SHC

PUMP SPECIFICATIONS

Capacity [m ³ /h]	720
Head [m]	5
Impeller diameter [mm]/type	405/3 blades closed
Flanged bore size [DN.../PN...]	DN250/PN10
Cross section diameter [mm]	90
Weight (without cable) [kg]	1300

ELECTRIC MOTOR

Power [kW-HP]	60-80
Voltage [V]/Current [A]	400/115
Phases/Poles/Frequency [Hz]	3/6/50
Speed [RPM]	980
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

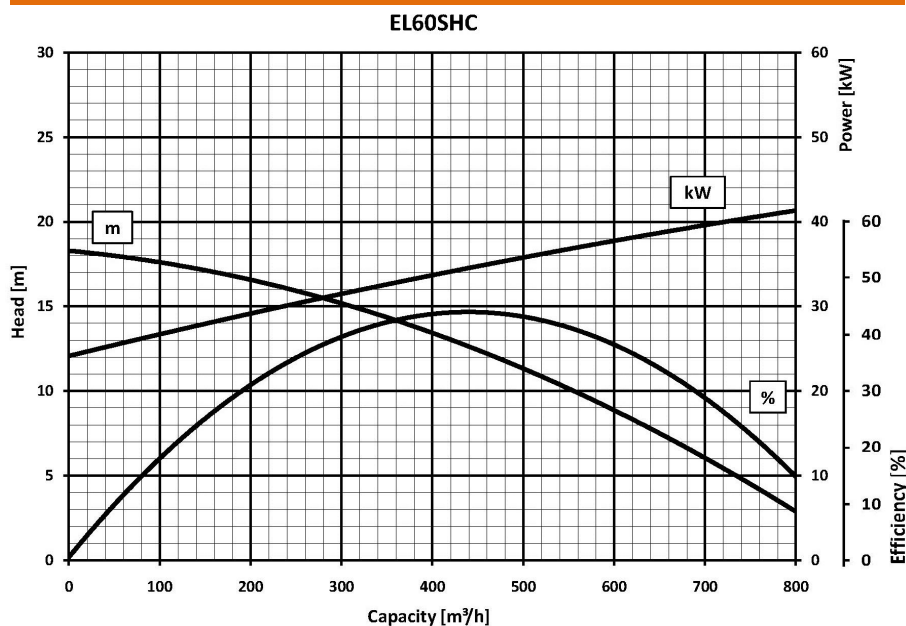
SEALS / LUBRICANT

Motor side seals	2 lip seals (BUNA)
Impeller side seals	3 lip seals (BUNA) + 1 V-RING (TPU)
Oil type	ISO 320

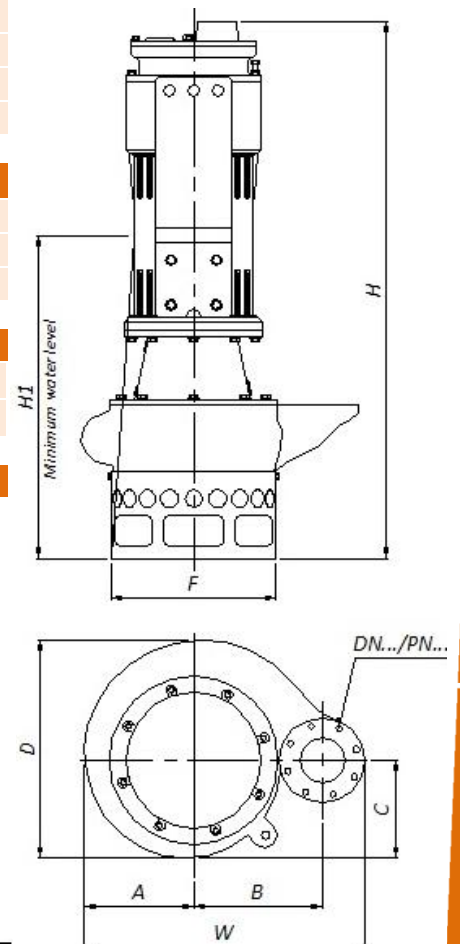
DIMENSIONS [mm]

H	W	D	F	H1	A	B	C
1660	935	1000	545	995	470	480	450

PERFORMANCE CURVES



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Electric pump

EL60SHC

PUMP SPECIFICATIONS

Capacity [m ³ /h - (USGPM)]	720 - (3168)
Head [m - (ft)]	5 - (16)
Impeller diameter [mm - (in)]/type	360 - (14)/3 blades closed
Flanged bore size [DN.../PN... - (in)]	DN250/PN10 - (10)
Cross section diameter [mm - (in)]	90 - (3.6)
Weight (without cable) [kg - (lbs)]	1300 - (2860)

ELECTRIC MOTOR

Power [kW-HP]	60-80
Voltage [V]/Current [A]	460/132,2
Phases/Poles/Frequency [Hz]	3/6/60
Speed [RPM]	1180
Insulationclass	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

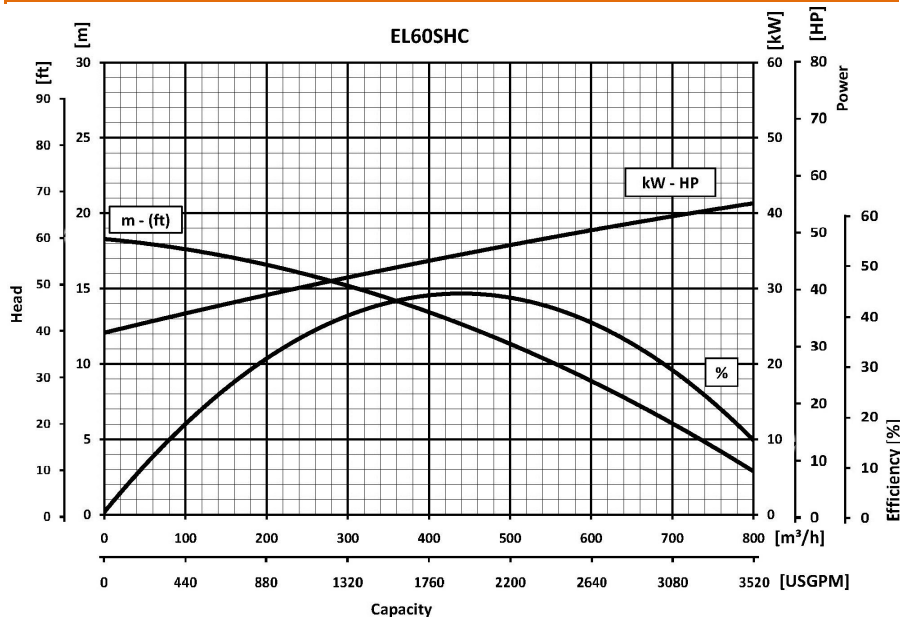
SEALS / LUBRICANT

Motor side seals	2 lip seals (BUNA)
Impeller side seals	3 lip seals (BUNA) + 1 V-RING (TPU)
Oil type	ISO 320

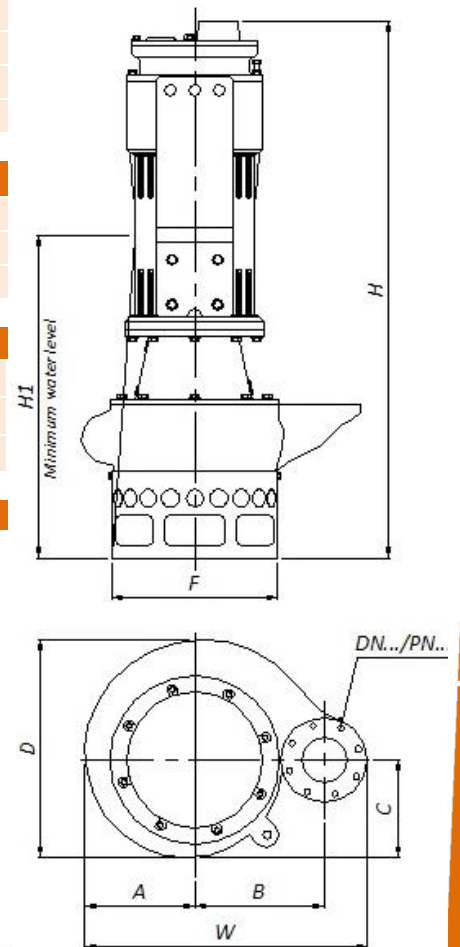
DIMENSIONS [mm - (in)]

H	W	D	F	H1	A	B	C
1660	935	1000	545	995	470	480	450
(66.4)	(37.4)	(40)	(21.8)	(39.8)	(18.8)	(19.2)	(18)

PERFORMANCE CURVES



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Electric pump

EL60SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h - (USGPM)]	200 - (880)	350 - (1540)
Head [m - (ft)]	26 - (85.1)	20 - (65)
Impeller diameter [mm - (in)]/type	400 - (16)/3 blades closed	
Flanged bore size [DN.../PN... - (in)]	DN150/PN10 - (6)	DN200/PN10 - (8)
Cross section diameter [mm - (in)]	60 - (2.4)	
Weight (without cable) [kg - (lbs)]	1200 - (2640)	1220 - (2684)

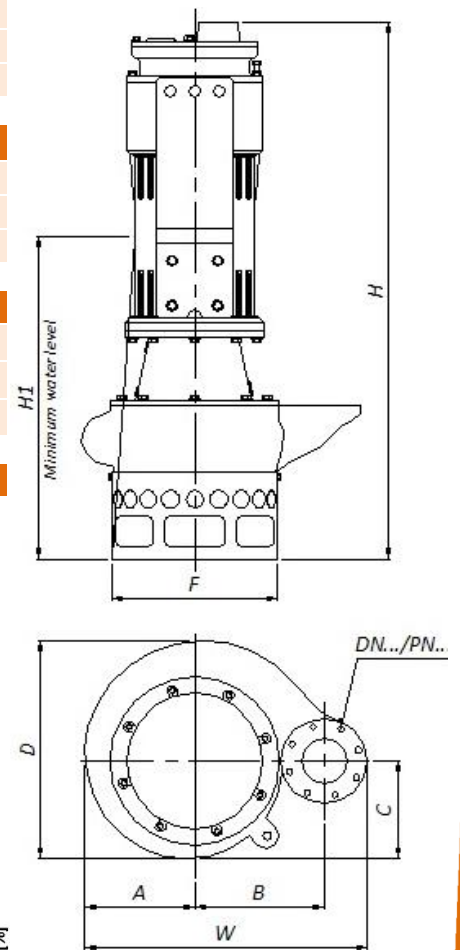
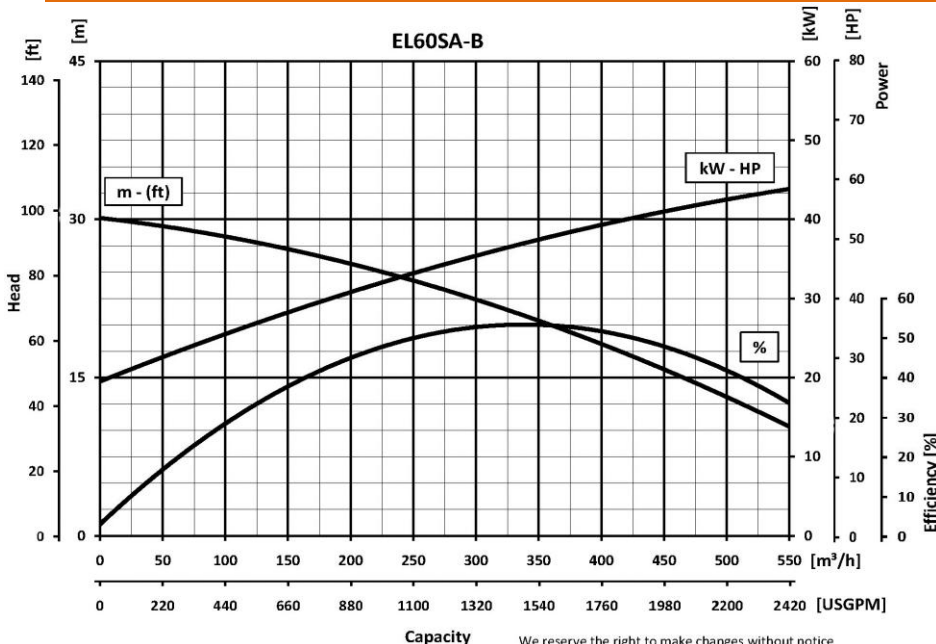
ELECTRIC MOTOR	
Power [kW-HP]	60-80
Voltage [V]/Current [A]	460/102.7
Phases/Poles/Frequency [Hz]	3/6/60
Speed [RPM]	1180
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

SEALS / LUBRICANT	
Motor side seals	2 lip seals (BUNA)
Impeller side seals	5 lip seals (3 BUNA + 2 PTFE) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm - (in)]							
H	W	D	F	H1	A	B	C
1610	935	725	545	1055	365	430	325
(64.4)	(37.4)	(29)	(21.8)	(42.2)	(14.6)	(17.2)	(13)

PERFORMANCE CURVES



Electric pump

EL60SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h]	200	350
Head [m]	26	20
Impeller diameter [mm]/type	440/3 blades closed	
Flanged bore size [DN.../PN...]	DN150/PN10	DN200/PN10
Cross section diameter [mm]	60	
Weight (without cable) [kg]	1200	1220

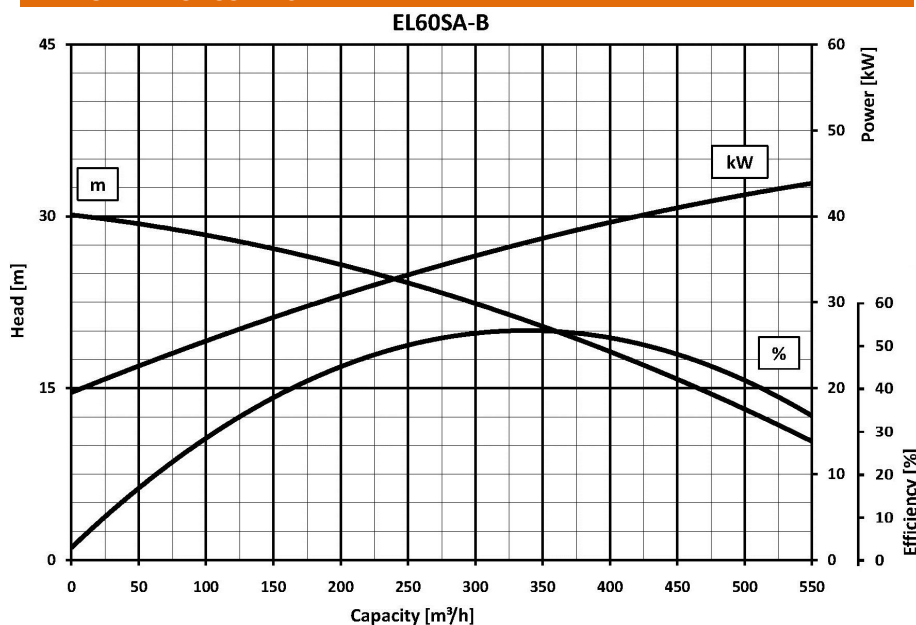
ELECTRIC MOTOR	
Power [kW-HP]	60-80
Voltage [V]/Current [A]	400/115
Phases/Poles/Frequency [Hz]	3/6/50
Speed [RPM]	980
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

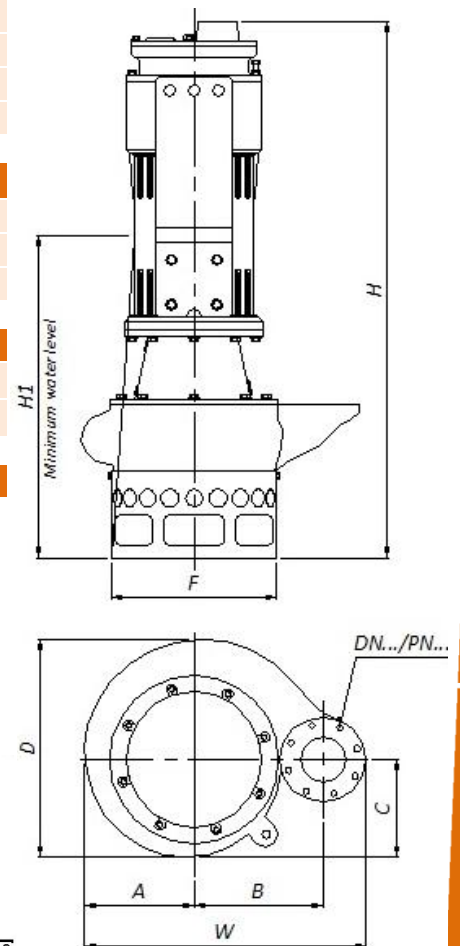
SEALS / LUBRICANT	
Motor side seals	2 lip seals (BUNA)
Impeller side seals	5 lip seals (3 BUNA + 2 PTFE) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm]							
H	W	D	F	H1	A	B	C
1610	935	725	545	1055	365	430	325

PERFORMANCE CURVES



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Electric pump

EL 110 S A/B



TECHNICAL SPECIFICATIONS	mod. A	mod. B
Capacity (m ³ /h)	350	450
Head (m)	30	26
Voltage/Current (V/A)	400 / 220	400 / 220
Weight (kg)	2400	2400
Cross section (mm)	ø 60	ø 60
Impeller	3 vanes closed/ø 637mm	3 vanes closed/ø 637mm
Bore (mm)	ø 200	ø 250

ELECTRIC MOTOR	mod. A	mod. B
Phases/poles/frequency (Hz)	3 / 8 / 50	3 / 8 / 50
Power (HP/kW)	150/110	150/110
R.P.M. (50Hz)	740	740
Motor Insulation	classe H	classe H

MATERIALS

Main body	hardened material – spheroidal cast iron GS500
Wearing parts	high chrom
Motor housing	cast iron G25
Main shaft	austempering NiCrMo4 Steel

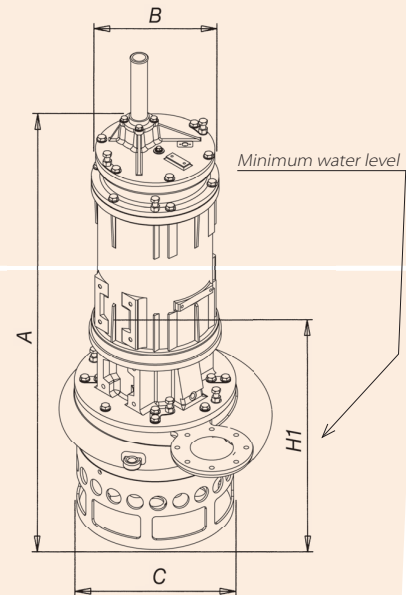
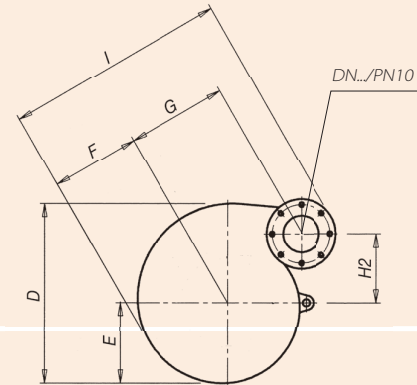
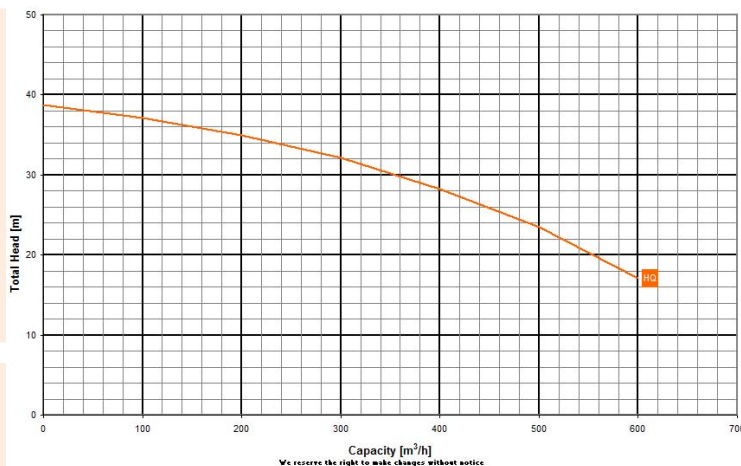
SEALS

Motor zone	n° 2 mechanical seals.
Impeller zone	n° 1 polyuretane V-RING , n° 1 COMBY lip seal

DIMENSIONS (mm)

A	B	C	D	E	F	G	H1	H2	I
2150	700	765	1080	490	500	592	1800	430	1260

PERFORMANCE CURVE



Electric pump

EL180SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h - (USGPM)]	300 - (1320)	450 - (1980)
Head [m - (ft)]	40 - (130)	36 - (116)
Impeller diameter [mm - (in)]/type	475 - (19)/2 blades closed	
Flanged bore size [DN.../PN... - (in)]	DN200/PN10 - (8)	DN250/PN10 - (10)
Cross section diameter [mm - (in)]	60 - (2.4)	
Weight (without cable) [kg - (lbs)]	2700 - (5940)	2750 - (6050)

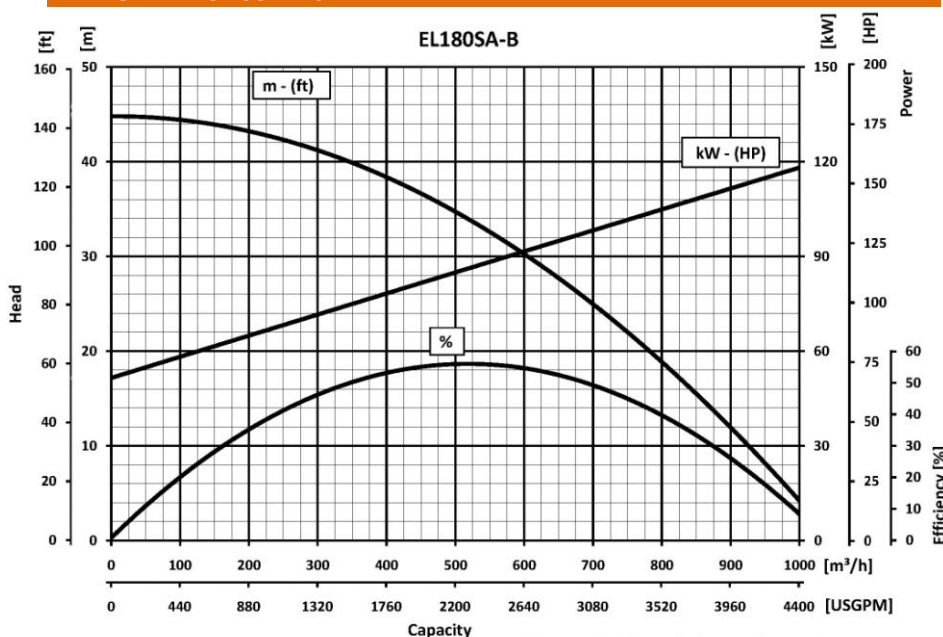
ELECTRIC MOTOR	
Power [kW-HP]	130-200
Voltage [V]/Current [A]	460/235
Phases/Poles/Frequency [Hz]	3/6/60
Speed [RPM]	1180
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G95

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

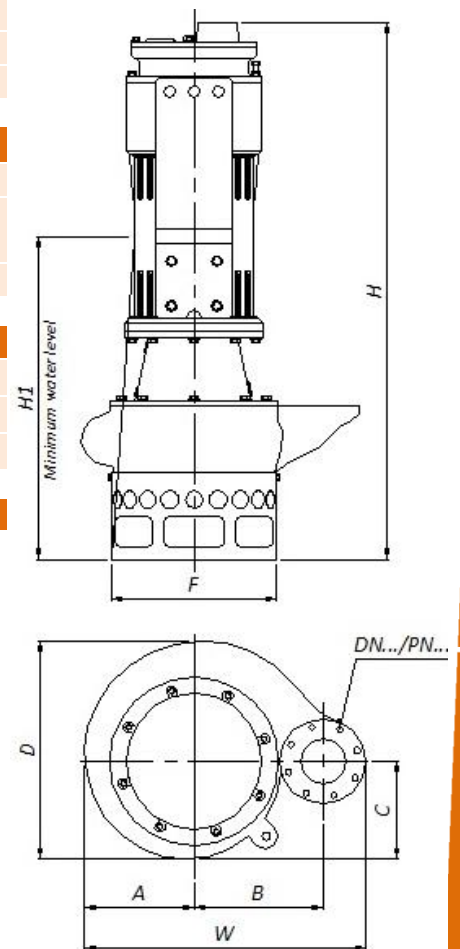
SEALS / LUBRICANT	
Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 2 lip seal (1 BUNA + 1 TPU)
Oil type	ISO 320

DIMENSIONS [mm - (in)]							
H	W	D	F	H1	A	B	C
2150	1260	1080	765	1800	500	590	520
(86)	(50.4)	(43.2)	(30.6)	(72)	(20)	(23.6)	(20.8)

PERFORMANCE CURVES



We reserve the right to make changes without notice



Electric pump

EL180SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h]	350	450
Head [m]	40	36
Impeller diameter [mm]/type	535/3 blades closed	
Flanged bore size [DN.../PN...]	DN200/PN10	DN250/PN10
Cross section diameter [mm]	60	
Weight (without cable) [kg]	2900	2950

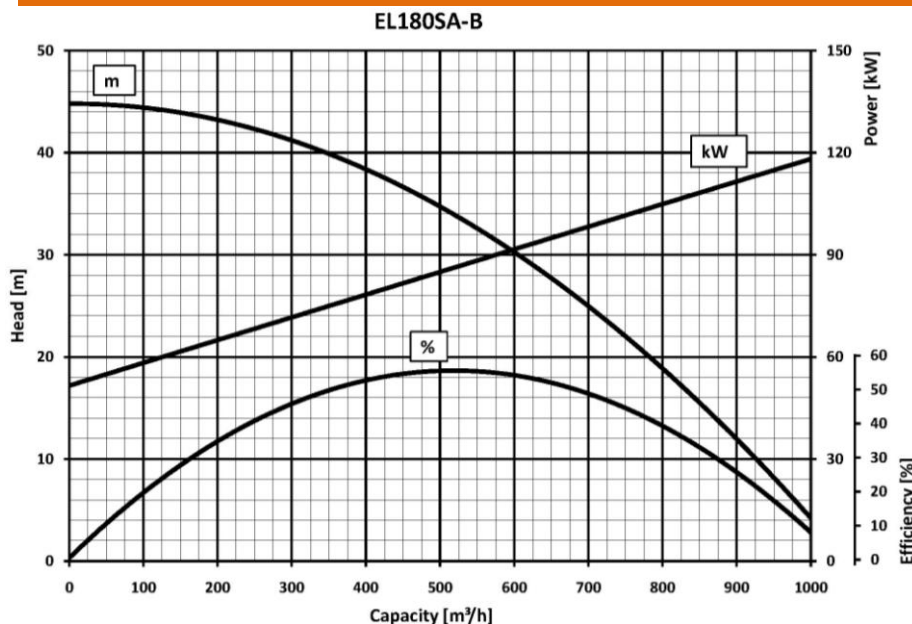
ELECTRIC MOTOR	
Power [kW-HP]	150-200
Voltage [V]/Current [A]	400/270
Phases/Poles/Frequency [Hz]	3/6/50
Speed [RPM]	980
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G95

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

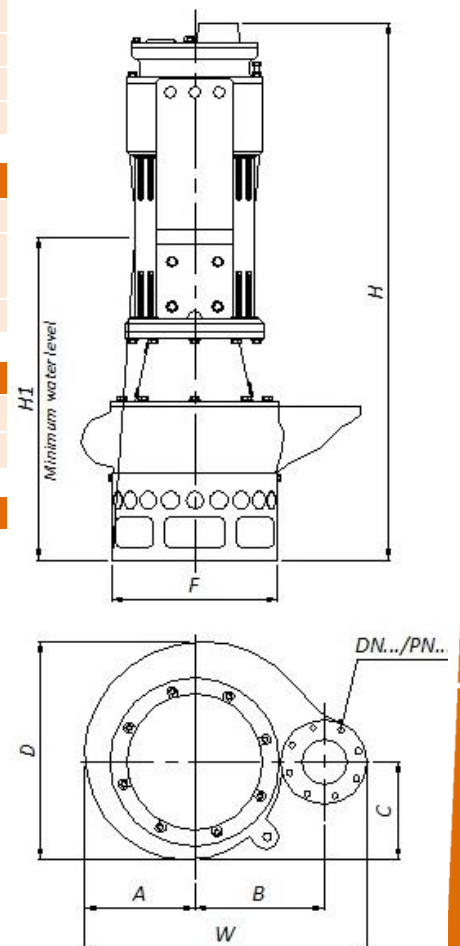
SEALS / LUBRICANT	
Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 2 lip seal (1 BUNA + 1 TPU)
Oil type	ISO 320

DIMENSIONS [mm]							
H	W	D	F	H1	A	B	C
2150	1260	1080	765	1800	500	590	520

PERFORMANCE CURVES



We reserve the right to make changes without notice



Electric pump

EL354SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h - (USGPM)]	60 - (264)	120 - (528)
Head [m - (ft)]	46 - (148)	39 - (126)
Impeller diameter [mm - (in)]/type	310 - (12)/2 blades closed	
Flanged bore size [DN.../PN... - (in)]	DN100/PN10 - (4)	DN150/PN10 - (6)
Cross section diameter [mm - (in)]	35 - (1.4)	
Weight (without cable) [kg - (lbs)]	950 - (2090)	965 - (2123)

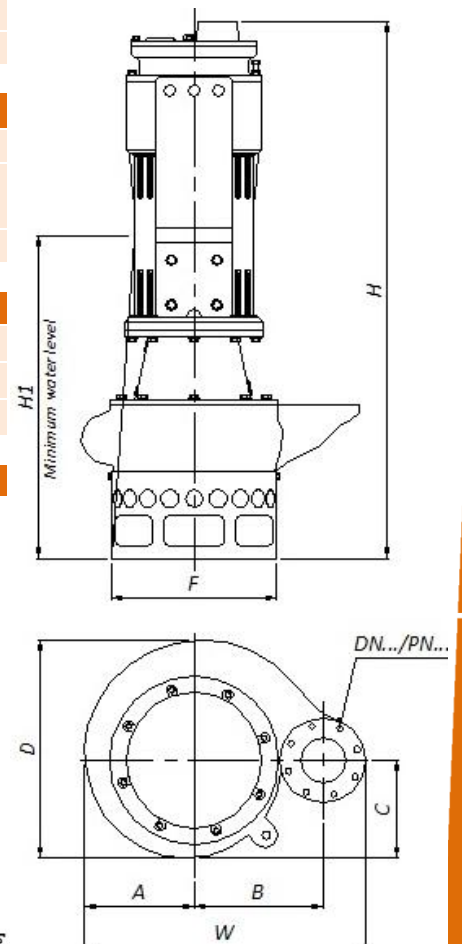
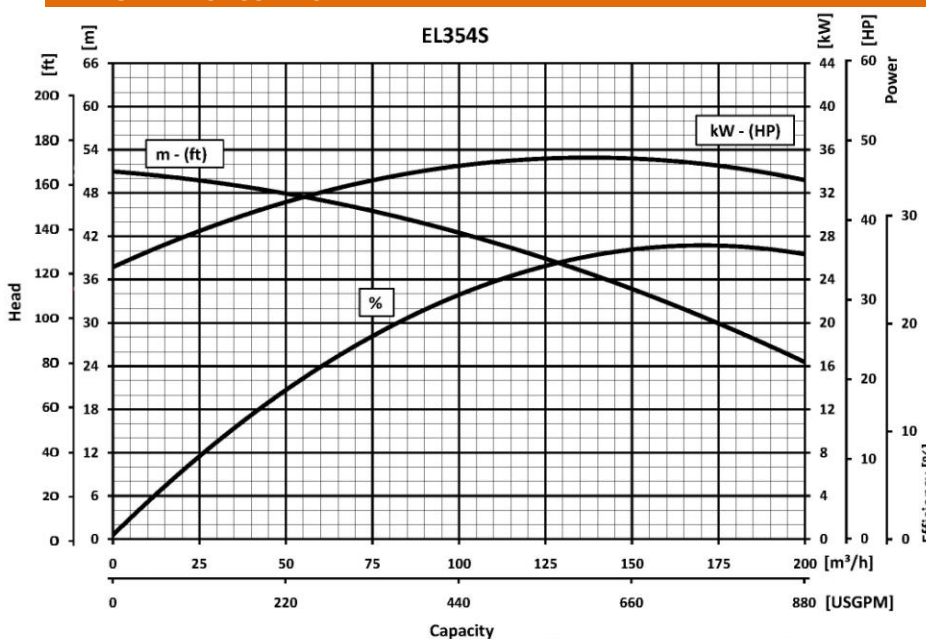
ELECTRIC MOTOR	
Power [kW-HP]	44-60
Voltage [V]/Current [A]	460/69.1
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	Wear resistant cast iron EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

SEALS / LUBRICANT	
Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 1 lip seal (BUNA) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm - (in)]							
H	W	D	F	H1	A	B	C
1445	910	750	600	955	380	420	350
(57.8)	(36.4)	(30)	(24)	(38.2)	(15.2)	(16.8)	(14)

PERFORMANCE CURVES



Electric pump

EL354SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h]	60	120
Head [m]	46	39
Impeller diameter [mm]/type	400/2 blades closed	
Flanged bore size [DN.../PN...]	DN100/PN10	DN150/PN10
Cross section diameter [mm]	35	
Weight (without cable) [kg]	950	965

ELECTRIC MOTOR	
Power [kW-HP]	44-60
Voltage [V]/Current [A]	400/78
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

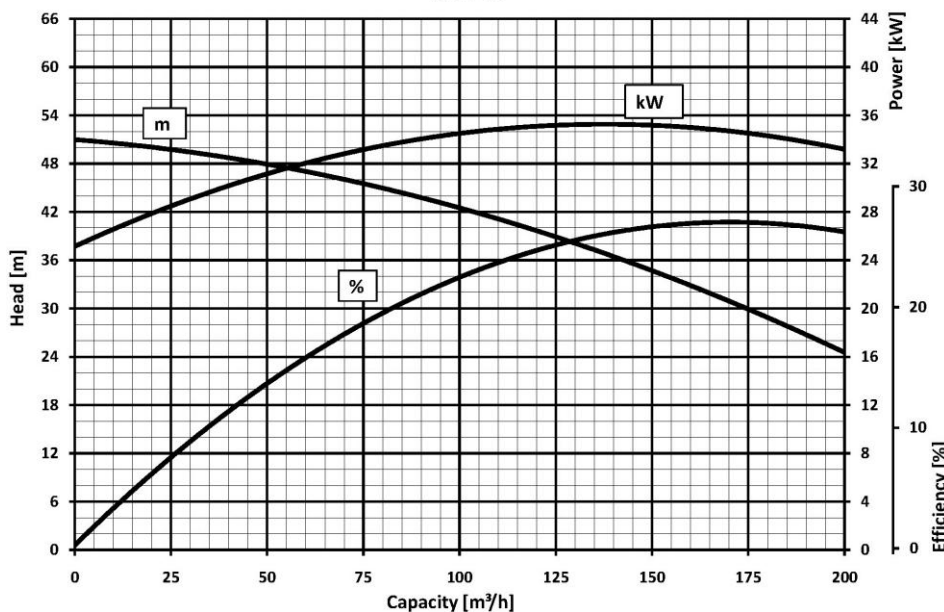
MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

SEALS / LUBRICANT	
Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 1 lip seals (BUNA) + 1 V-RING (TPU)
Oil type	ISO 320

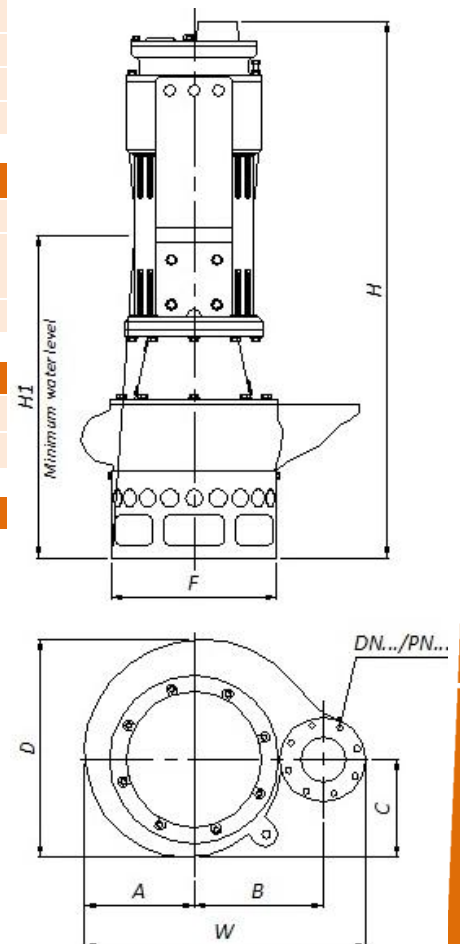
DIMENSIONS [mm]							
H	W	D	F	H1	A	B	C
1445	910	750	600	955	380	420	350

PERFORMANCE CURVES

EL354S



We reserve the right to make changes without notice



Electric pump

EL604SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h]	200	400
Head [m]	42	28
Impeller diameter [mm]/type	380/3 blades closed	
Flanged bore size [DN.../PN...]	DN150/PN10	DN200/PN10
Cross section diameter [mm]	60	
Weight (without cable) [kg]	1200	1220

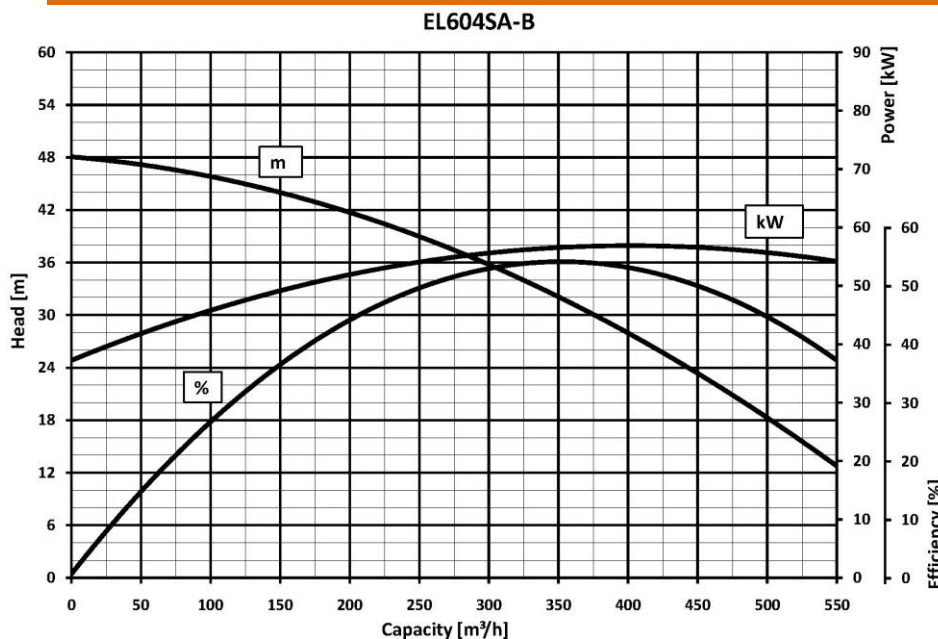
ELECTRIC MOTOR	
Power [kW-HP]	90-120
Voltage [V]/Current [A]	400/158
Phases/Poles/Frequency [Hz]	3/4/50
Speed [RPM]	1450
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

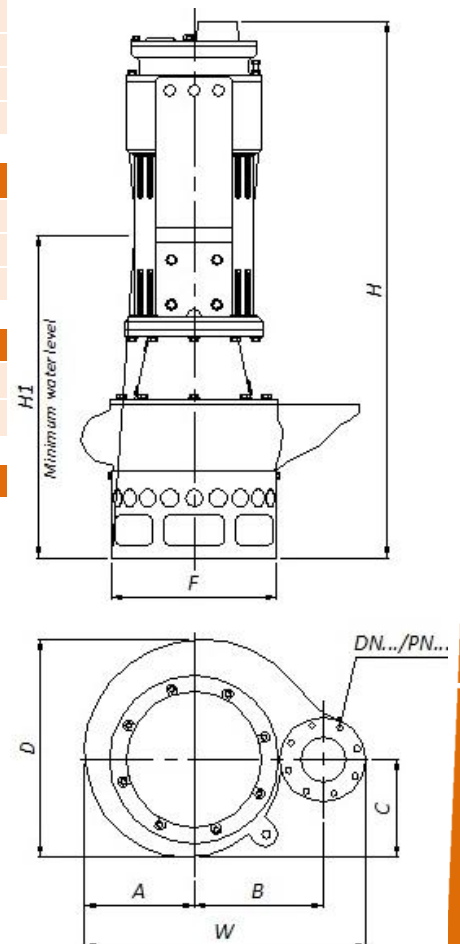
SEALS / LUBRICANT	
Motor side seals	2 lip seals (BUNA)
Impeller side seals	5 lip seals (3 BUNA + 2 PTFE) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm]							
H	W	D	F	H1	A	B	C
1610	935	725	545	1055	365	430	325

PERFORMANCE CURVES



We reserve the right to make changes without notice



Electric pump

EL604SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h - (USGPM)]	200 - (880)	400 - (1760)
Head [m - (ft)]	42 - (137)	28 - (91)
Impeller diameter [mm - (in)]/type	360 - (14.4)/3 blades closed	
Flanged bore size [DN.../PN... - (in)]	DN150/PN10 - (6)	DN200/PN10 - (8)
Cross section diameter [mm - (in)]	60 - (2.4)	
Weight (without cable) [kg - (lbs)]	1200 - (2640)	1220 - (2684)

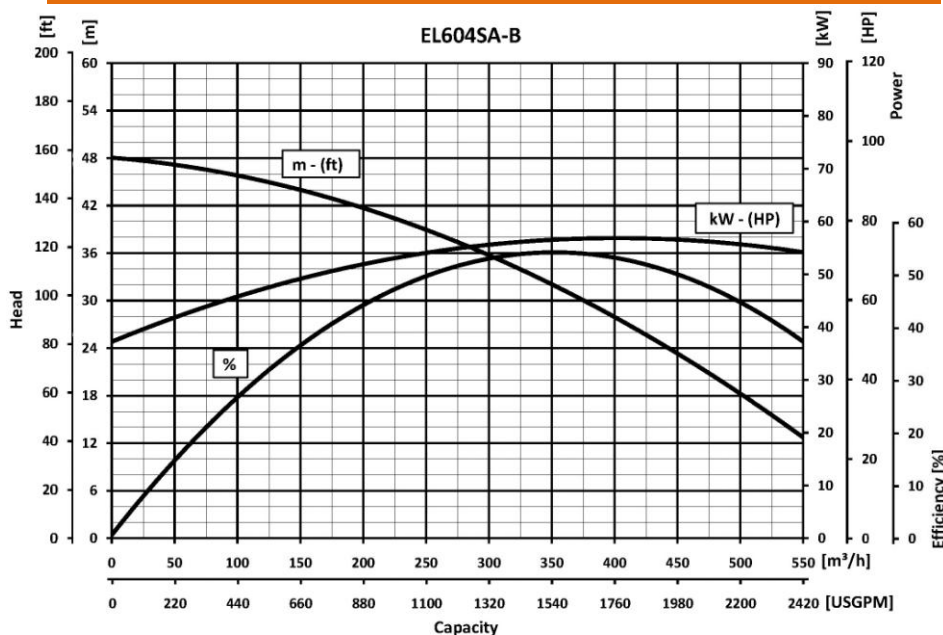
ELECTRIC MOTOR	
Power [kW-HP]	90-120
Voltage [V]/Current [A]	460/141
Phases/Poles/Frequency [Hz]	3/4/60
Speed [RPM]	1750
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

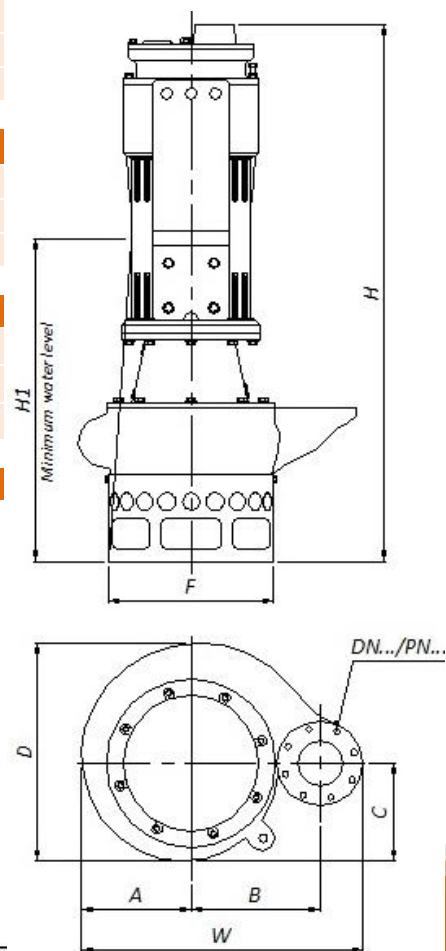
SEALS / LUBRICANT	
Motor side seals	2 lip seals (BUNA)
Impeller side seals	5 lip seals (3 BUNA + 2 PTFE) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm - (in)]							
H	W	D	F	H1	A	B	C
1610	935	725	545	1055	365	430	325
(64.4)	(37.4)	(29)	(21.8)	(42.2)	(14.6)	(17.2)	(13)

PERFORMANCE CURVES



We reserve the right to make changes without notice



Electric pump

EL606SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h - (USGPM)]	240 - (1056)	420 - (1850)
Head [m - (ft)]	38 - (124)	30 - (98)
Impeller diameter [mm - (in)]/type	420 - (16)/3 blades closed	
Flanged bore size [DN.../PN... - (in)]	DN150/PN10 - (6)	DN200/PN10 - (8)
Cross section diameter [mm - (in)]	60 - (2.4)	
Weight (without cable) [kg - (lbs)]	1200 - (2640)	1250 - (2750)

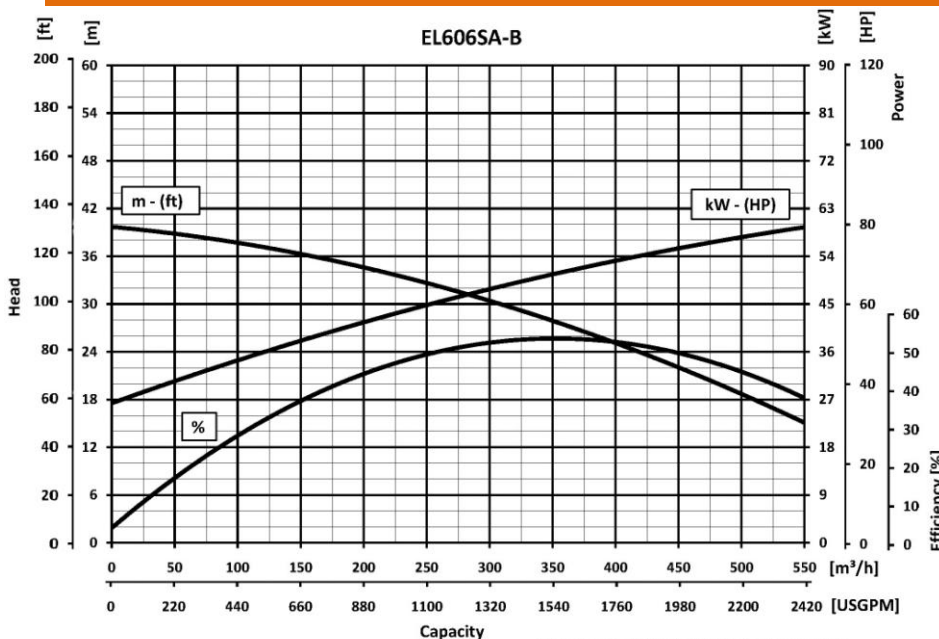
ELECTRIC MOTOR	
Power [kW-HP]	90-120
Voltage [V]/Current [A]	460/149
Phases/Poles/Frequency [Hz]	3/6/60
Speed [RPM]	1180
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

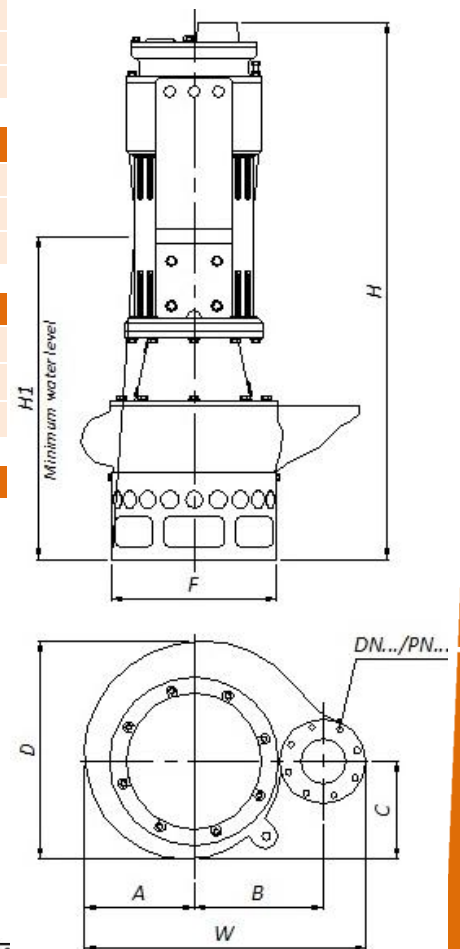
SEALS / LUBRICANT	
Motor side seals	2 lip seals (BUNA)
Impeller side seals	5 lip seals (3 BUNA + 2 PTFE) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm - (in)]							
H	W	D	F	H1	A	B	C
1610	935	725	545	1055	365	430	325
(64.4)	(37.4)	(29)	(21.8)	(42.2)	(14.6)	(17.2)	(13)

PERFORMANCE CURVES



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Electric pump

EL35SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h - (USGPM)]	90 - (396)	140 - (616)
Head [m - (ft)]	31 - (100)	27 - (87)
Impeller diameter [mm - (in)]/type	435 - (17)/2 blades closed	
Flanged bore size [DN.../PN... - (in)]	DN100/PN10 - (4)	DN150/PN10 - (6)
Cross section diameter [mm - (in)]	35 - (1.4)	
Weight (without cable) [kg - (lbs)]	1000 - (2200)	1010 - (2230)

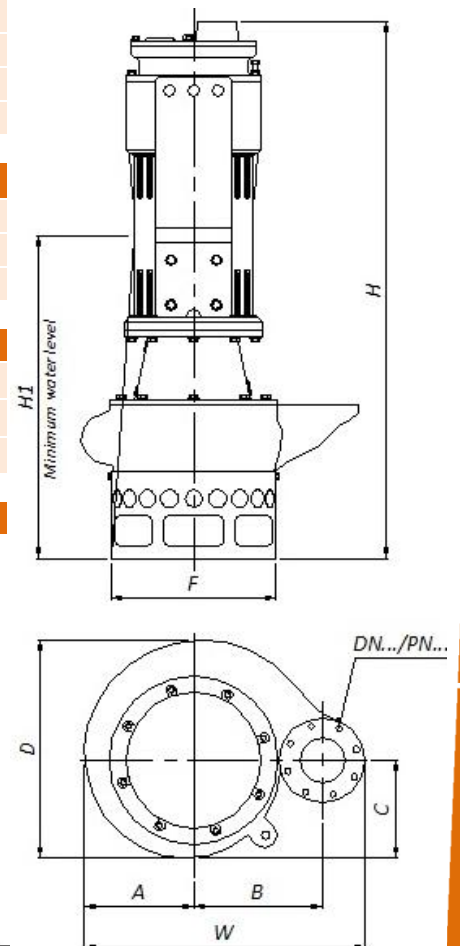
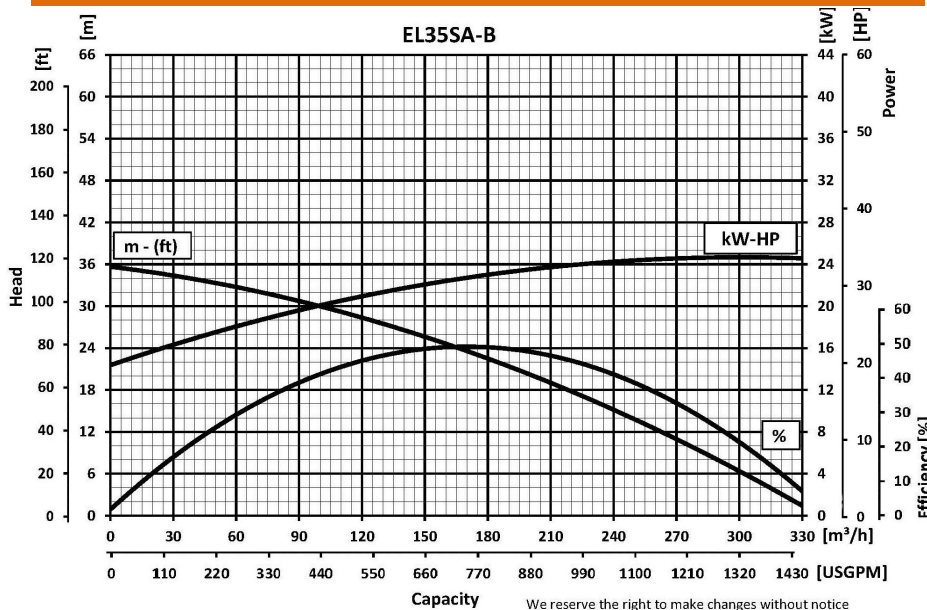
ELECTRIC MOTOR	
Power [kW-HP]	44-60
Voltage [V]/Current [A]	460/78.7
Phases/Poles/Frequency [Hz]	3/6/60
Speed [RPM]	1180
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G35

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

SEALS / LUBRICANT	
Motor side seals	1 mechanical seal
Impeller side seals	1 mechanical seal + 1 lip seal (BUNA) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm - (in)]							
H	W	D	F	H1	A	B	C
1540	910	750	600	1000	360	435	350
(61.6)	(36.4)	(30)	(24)	(40)	(14.4)	(17.4)	(14)

PERFORMANCE CURVES



Electric pump

EL25SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h]	100	140
Head [m]	21	17
Impeller diameter [mm]/type	435/2 blades closed	
Flanged bore size [DN.../PN...]	DN100/PN10	DN150/PN10
Cross section diameter [mm]	35	
Weight (without cable) [kg]	860	870

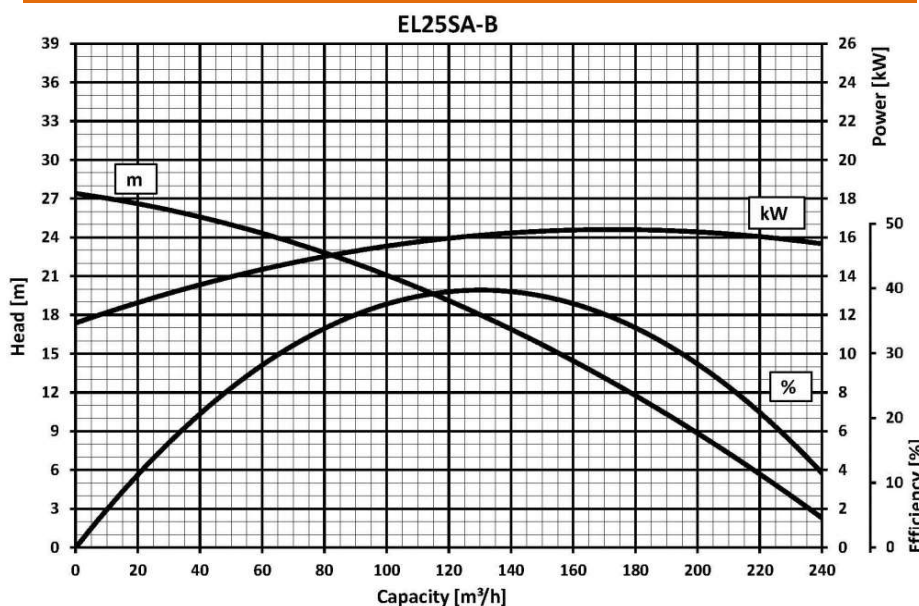
ELECTRIC MOTOR	
Power [kW-HP]	26-35
Voltage [V]/Current [A]	400/51.3
Phases/Poles/Frequency [Hz]	3/6/50
Speed [RPM]	980
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G16

MATERIALS	
Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

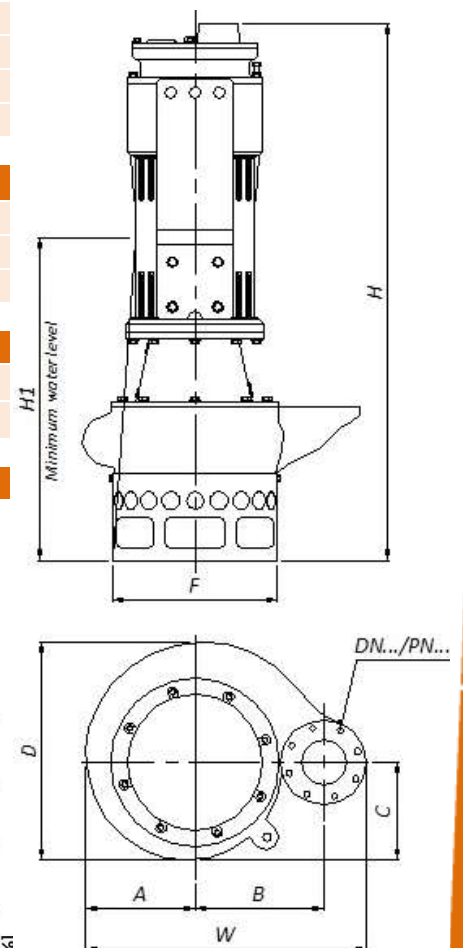
SEALS / LUBRICANT	
Motor side seals	2 lip seals (BUNA)
Impeller side seals	3 lip seals (BUNA) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm]							
H	W	D	F	H1	A	B	C
1445	910	750	600	955	380	420	350

PERFORMANCE CURVES



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Electric pump

EL25SA/B

PUMP SPECIFICATIONS	Mod. A	Mod. B
Capacity [m ³ /h - (USGPM)]	100 - (440)	140 - (616)
Head [m - (ft)]	21 - (69)	17 - (56)
Impeller diameter [mm - (in)]/type	380 - (15)/2 blades closed	
Flanged bore size [DN.../PN... - (in)]	DN100/PN10 - (4)	DN150/PN10 - (6)
Cross section diameter [mm - (in)]	35 - (1.4)	
Weight (without cable) [kg - (lbs)]	860 - (1890)	870 - (1914)

ELECTRIC MOTOR

Power [kW-HP]	26-34
Voltage [V]/Current [A]	460/45.7
Phases/Poles/Frequency [Hz]	3/6/60
Speed [RPM]	1180
Insulation class	H
Power cable 20m (IEC 60245- 4)	H07RN-F 4G16

MATERIALS

Casing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Motor housing	Cast iron EN-GJL-250 (EN 1561)
Wear parts	High chrome EN-GJN-HV600 (XCr18) (EN 12513)
Main shaft	High tensile steel 39NiCrMo3 (AISI 9840)

SEALS / LUBRICANT

Motor side seals	2 lip seals (BUNA)
Impeller side seals	3 lip seals (BUNA) + 1 V-RING (TPU)
Oil type	ISO 320

DIMENSIONS [mm - (in)]

H	W	D	F	H1	A	B	C
1445	910	750	600	955	380	420	350
(57.8)	(36.4)	(30)	(24)	(38.2)	(15.2)	(16.8)	(14)

PERFORMANCE CURVES

