

SPRINT MULTI

Horizontal Multistage Stainless Steel Centrifugal Pumps



Materials

Component	Material
Pump casing	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Stage casing	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Impeller	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Suction, Discharge	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Base Frame	Aluminum
Pump shaft	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Plug	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Mechanical seal with seat	Ceramic/Graphite/EPDM

Designation

SPRINT MULTI	2 - 50
Horizontal Multistage Centrifugal Pump	Number of Stages (x10)
	Rated Flow (m³/h)

Construction

Horizontal multi-stage pumps in **chrome-nickel stainless steel**.
The integrated design of the motor and pump shaft, with the extended shaft directly connected to the pump, ensures low noise and high transmission efficiency.
Advanced welding and heat treatment eliminate residual stress, enhancing strength, preventing deformation, and ensuring long-lasting, reliable performance. The design includes a threaded front suction port on the pump axis and threaded radial delivery at the top for improved functionality. Filling and draining plugs on the middle of the pump, accessible from any side.
The applied mechanical seal type ensures watertight operation in long-term continuous use.

Applications

The pump is suitable for various fluids, including mineral water, softened water, pure water, clean oil, and other light chemical media.

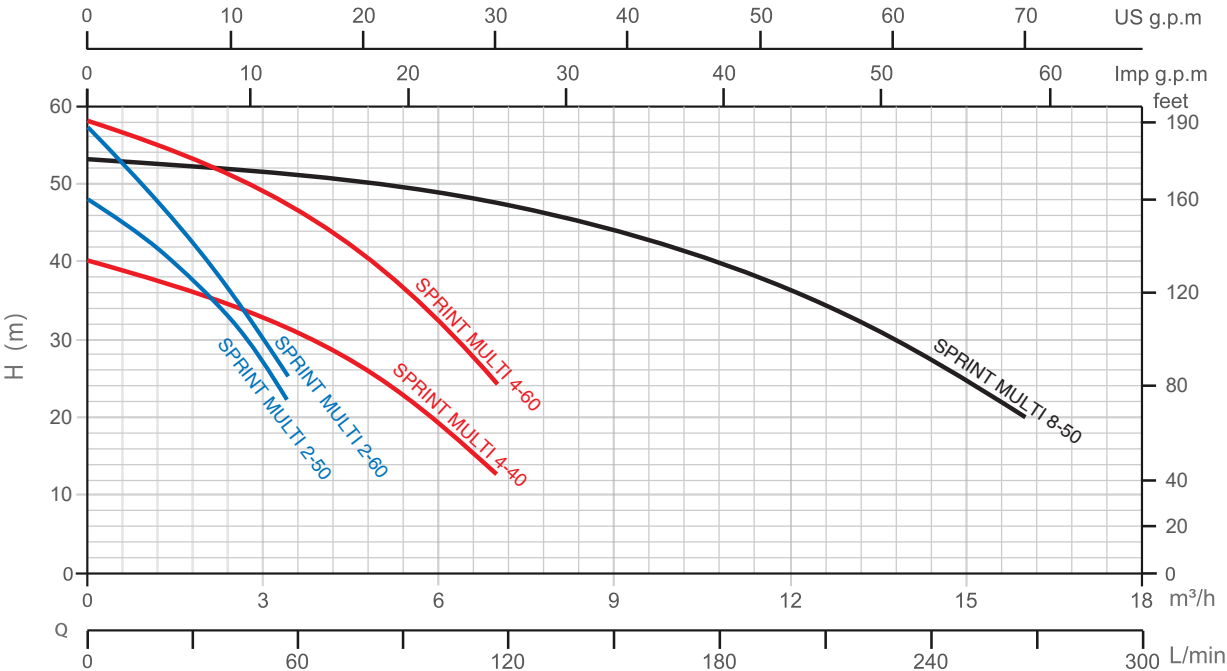
Operating Conditions

Ambient Temperature: 0°C to +50°C
Liquid Temperature: - 20°C to +104°C
Continuous duty.

Motor

An air-cooled 2-pole motor with a fully enclosed protection design allows this pump to offer a compact structure and small external dimensions.
The frame material is aluminium, contributing to low noise, less vibration, and enhanced durability.
Single phase 240 V, 50Hz with a thermal protector
Insulation Class B. Protection IP 55.

Coverage chart n ≈ 2900 rpm



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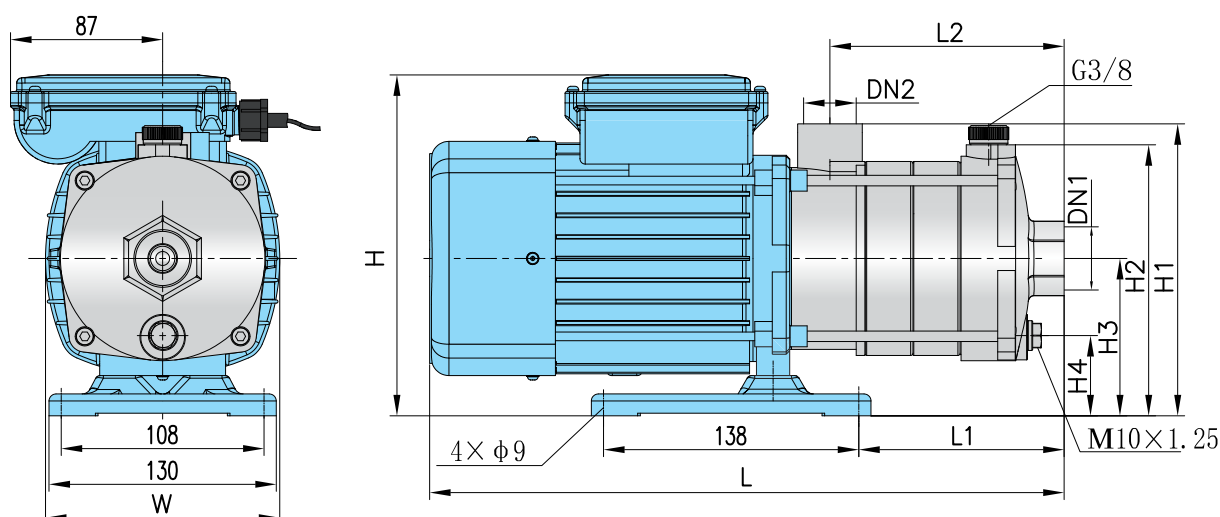
Performance $n \approx 2900$ rpm

MODEL	1 ~ 240 V			Q m³/h l/min	0	1	1,5	2	2,5	3	3,5
	A	kW	HP		0	16,6	25	33,3	41,6	50	58,3
SPRINT MULTI 2-50	3,8	0,55	0,75	H m	48	43	40	35	33	28	22
SPRINT MULTI 2-60	5,2	0,75	1,0		57	50	48	42	38	32	25

MODEL	1 ~ 240 V			Q m³/h l/min	0	2	3	4	5	6	7
	A	kW	HP		0	33,3	50	66,6	83,3	100	116
SPRINT MULTI 4-40	5,2	0,75	1,0	H m	40	36	33	30	26	20	13
SPRINT MULTI 4-60	7,0	1,1	1,5		58	53	50	45	40	33	24

MODEL	1 ~ 240 V			Q m³/h l/min	4	6	8	10	12	14	16
	A	kW	HP		66,6	100	133	166	200	233	266
SPRINT MULTI 8-50	14	2,2	3,0	H m	51	49	46,5	42	37	30	23

Dimensions and Weights



MODEL	DN1 ISO 228	DN2 ISO 228	mm									kg
			H1	H2	H3	H4	H	L	L1	L2	W	
SPRINT MULTI 2-50	G 1	G 1	162	155	90	45	194	380	144	154	134	9.5
SPRINT MULTI 2-60	G 1	G 1	162	155	90	45	194	398	162	172	134	10.5
SPRINT MULTI 4-40	G 1 1/4	G 1	162	155	90	45	194	389	153	163	134	10.5
SPRINT MULTI 4-60	G 1 1/4	G 1	162	155	90	45	194	443	207	217	134	12
SPRINT MULTI 8-50	G 1 1/2	G 1 1/2	228	195	118	56	228	468	210	198	165	27

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MODEL: SPRINT MULTI 2-50

Technical:

Maximum Flow Rate: 3.5 m³/h
 Maximum Head: 48 m
 Rated Flow Rate: 2.0 m³/h
 Rated Head: 35 m

Installation:

Connection Type: Threaded
 Pressure Level: 10 bar
 Size of Suction Port: G 1
 Size of Outlet Port: G 1

Material:

Pump Body: Stainless Steel
 Impeller: Stainless Steel
 Mechanical Seal: Ceramic/Graphite/EPDM

Environment:

Ambient Temperature: 50°C

Electrical Data:

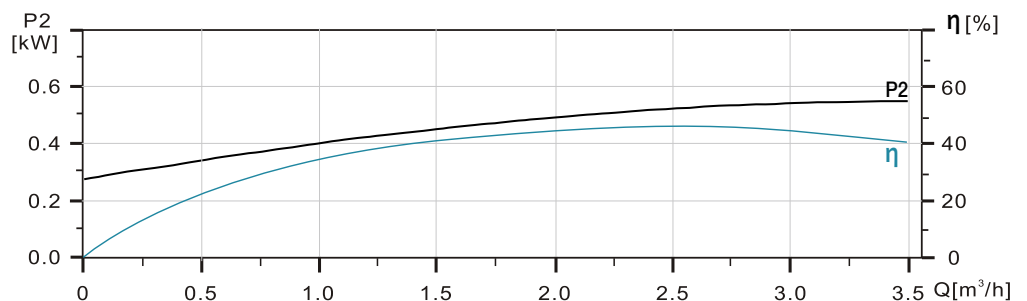
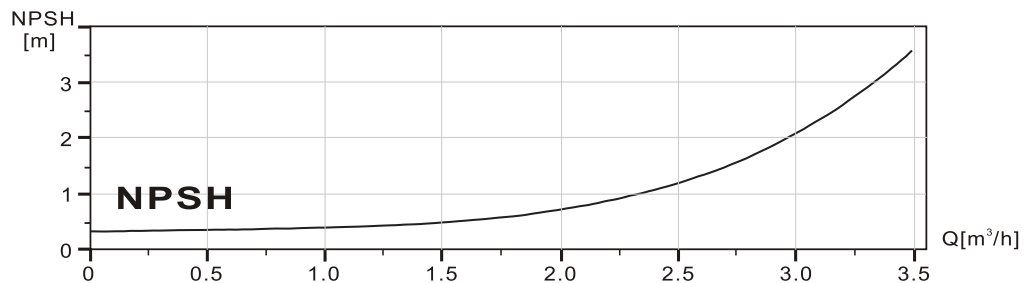
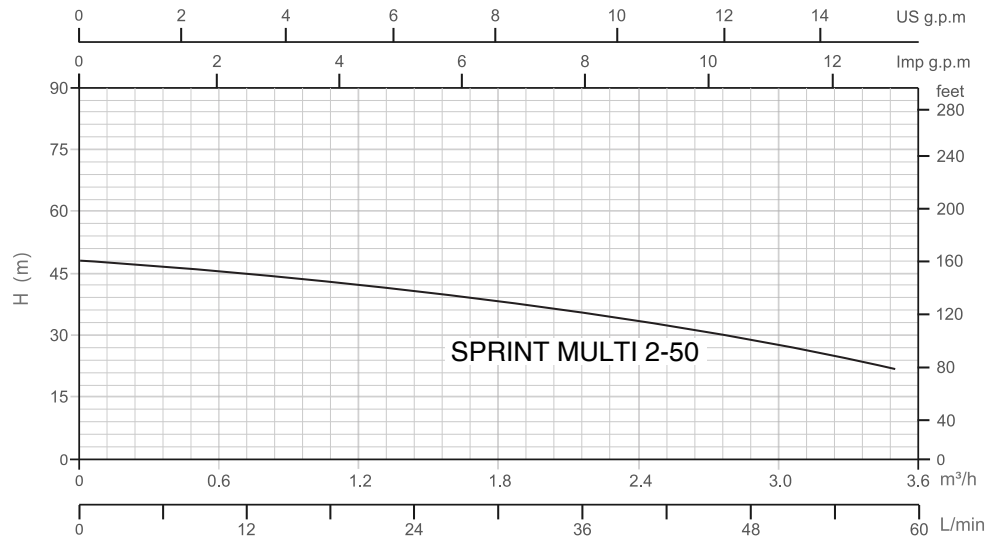
Motor Phase Number: 1
 Protection Level: IP55
 Insulation Level: B
 Motor Power: 0.55 kW
 Speed: 2900 rpm
 Power Frequency: 50 Hz
 Rated Voltage: 240 V

Liquid:

Pumped Liquid: Clean Water
 Temperature: -20°C to +104°C

Other:

Weight: 9.5 Kg



SPRINT MULTI



Horizontal Multistage Stainless Steel Centrifugal Pumps

MODEL: SPRINT MULTI 2-60

Technical:

Maximum Flow Rate: 3.5 m³/h
Maximum Head: 57 m
Rated Flow Rate: 2.0 m³/h
Rated Head: 42 m

Installation:

Connection Type: Threaded
Pressure Level: 10 bar
Size of Suction Port: G 1
Size of Outlet Port: G 1

Material:

Pump Body: Stainless Steel
Impeller: Stainless Steel
Mechanical Seal: Ceramic/Graphite/EPDM

Environment:

Ambient Temperature: 50°C

Electrical Data:

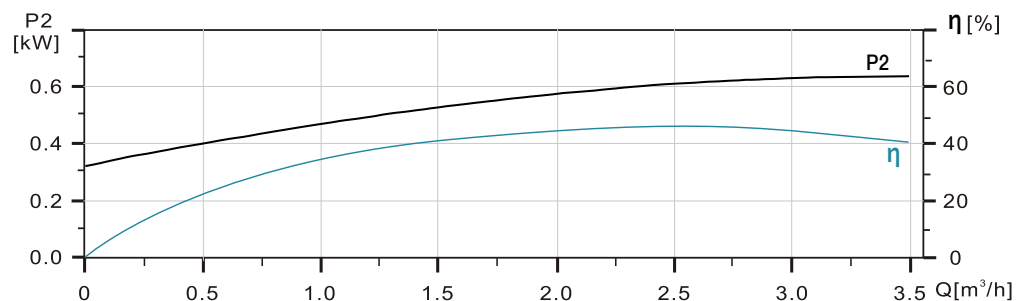
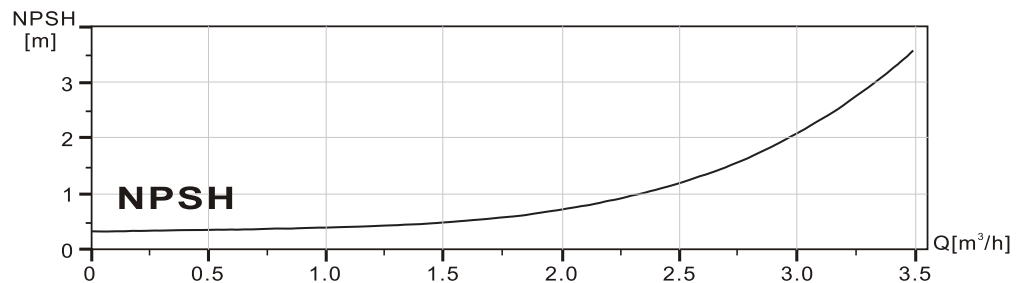
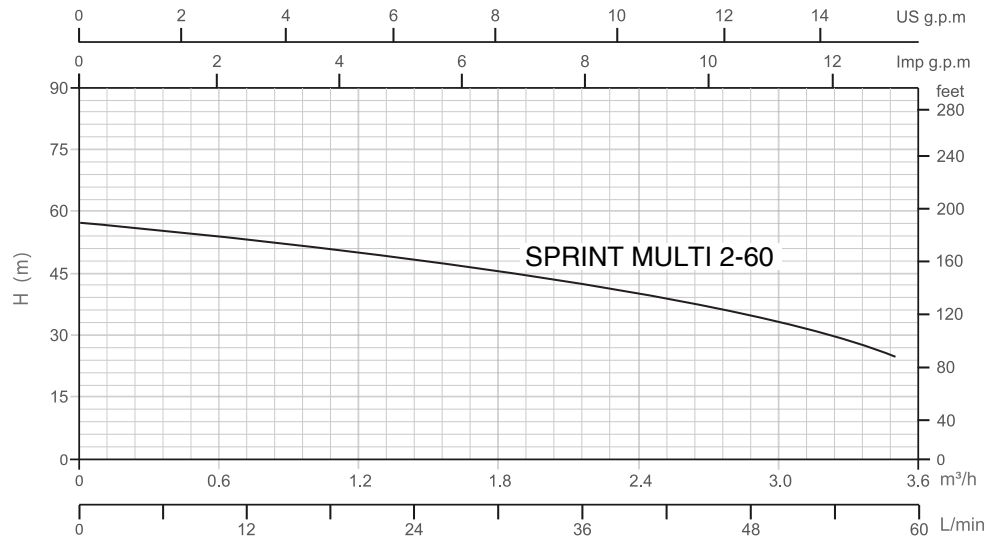
Motor Phase Number: 1
Protection Level: IP55
Insulation Level: B
Motor Power: 0.75 kW
Speed: 2900 rpm
Power Frequency: 50 Hz
Rated Voltage: 240 V

Liquid:

Pumped Liquid: Clean Water
Temperature: -20°C to +104°C

Other:

Weight: 10.5 Kg



SPRINT MULTI



Horizontal Multistage Stainless Steel Centrifugal Pumps

MODEL: SPRINT MULTI 4-40

Technical:

Maximum Flow Rate: 7 m³/h
Maximum Head: 38 m
Rated Flow Rate: 4.0 m³/h
Rated Head: 30 m

Installation:

Connection Type: Threaded
Pressure Level: 10 bar
Size of Suction Port: G 1 1/4
Size of Outlet Port: G 1

Material:

Pump Body: Stainless Steel
Impeller: Stainless Steel
Mechanical Seal: Ceramic/Graphite/EPDM

Environment:

Ambient Temperature: 50°C

Electrical Data:

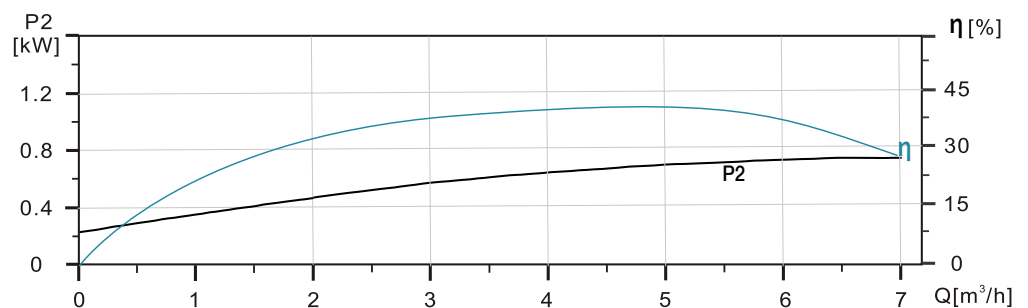
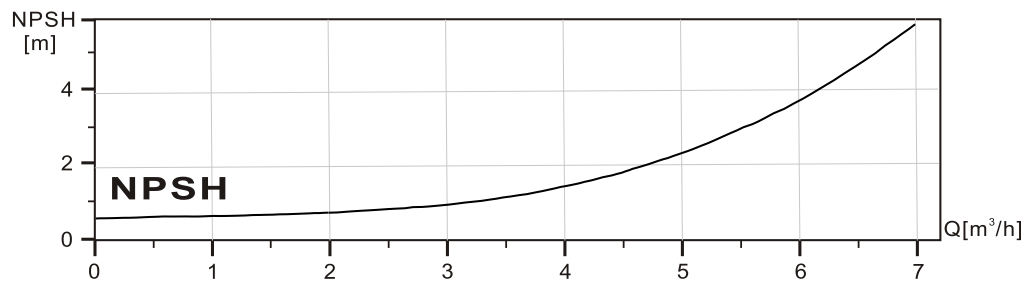
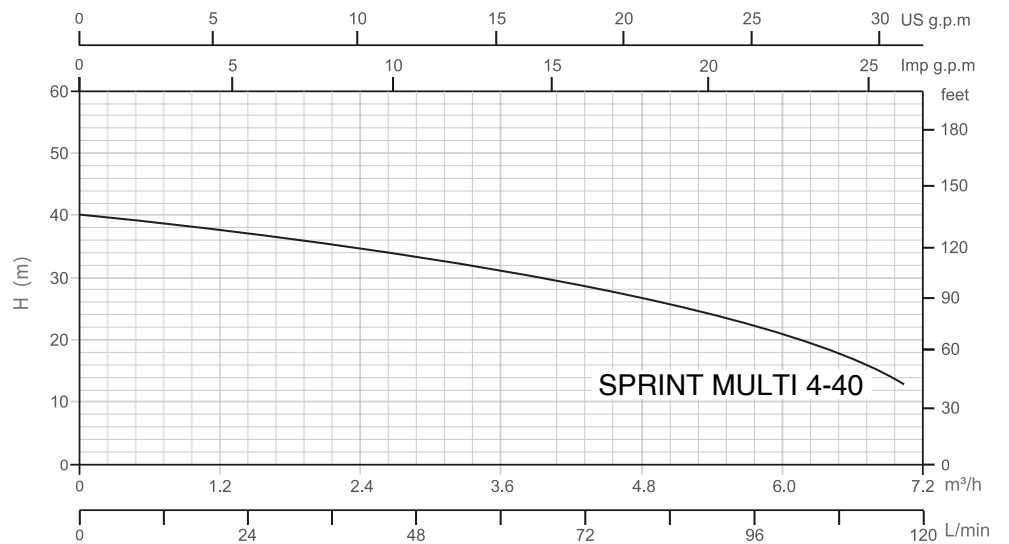
Motor Phase Number: 1
Protection Level: IP55
Insulation Level: B
Motor Power: 0.75 kW
Speed: 2900 rpm
Power Frequency: 50 Hz
Rated Voltage: 240 V

Liquid:

Pumped Liquid: Clean Water
Temperature: -20°C to +104°C

Other:

Weight: 10.5 Kg



SPRINT MULTI



Horizontal Multistage Stainless Steel Centrifugal Pumps

MODEL: SPRINT MULTI 4-60

Technical:

Maximum Flow Rate: 7 m³/h
Maximum Head: 58 m
Rated Flow Rate: 4.0 m³/h
Rated Head: 45 m

Installation:

Connection Type: Threaded
Pressure Level: 10 bar
Size of Suction Port: G 1 1/4
Size of Outlet Port: G 1

Material:

Pump Body: Stainless Steel
Impeller: Stainless Steel
Mechanical Seal: Ceramic/Graphite/EPDM

Environment:

Ambient Temperature: 50°C

Electrical Data:

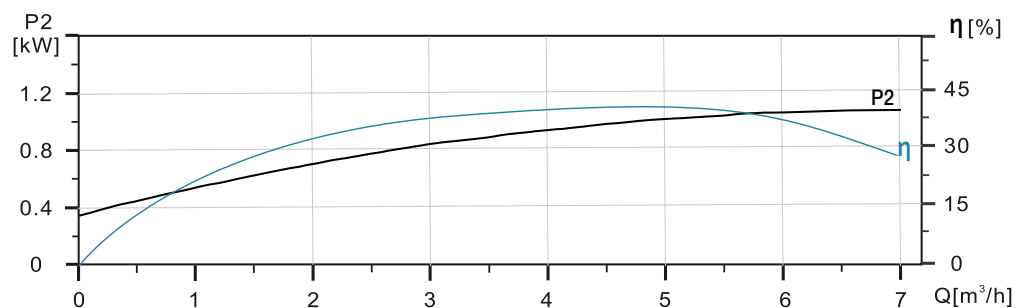
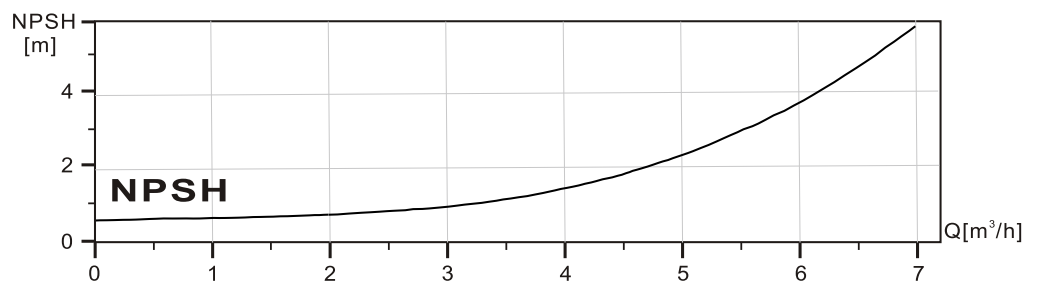
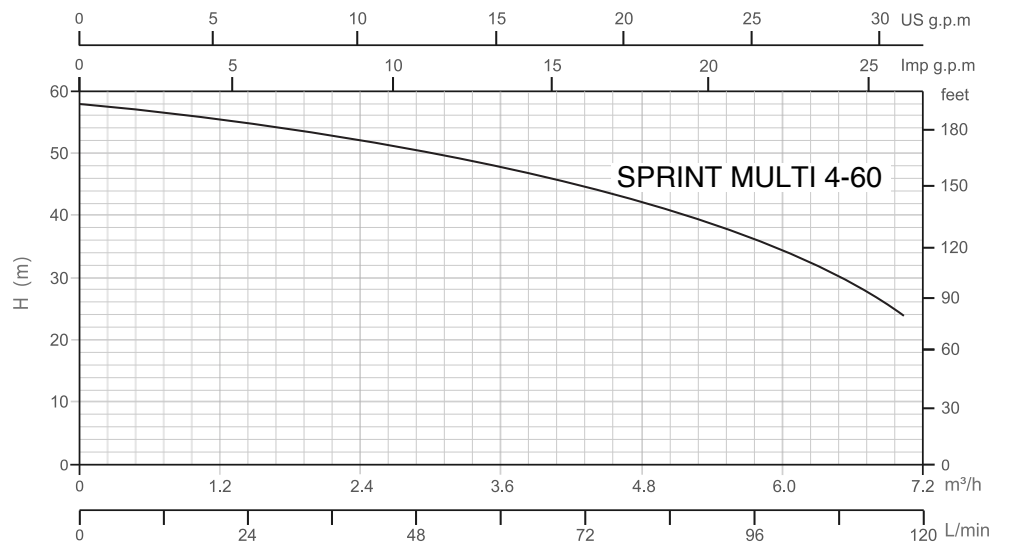
Motor Phase Number: 1
Protection Level: IP55
Insulation Level: B
Motor Power: 1.1 kW
Speed: 2900 rpm
Power Frequency: 50 Hz
Rated Voltage: 240 V

Liquid:

Pumped Liquid: Clean Water
Temperature: -20°C to +104°C

Other:

Weight: 12 Kg



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Horizontal Multistage Stainless Steel Centrifugal Pumps

MODEL: SPRINT MULTI 8-50

Technical:

Maximum Flow Rate: 16 m³/h
 Maximum Head: 53 m
 Rated Flow Rate: 8.0 m³/h
 Rated Head: 46.5 m

Installation:

Connection Type: Threaded
 Pressure Level: 10 bar
 Size of Suction Port: G 1 1/2
 Size of Outlet Port: G 1 1/2

Material:

Pump Body: Stainless Steel
 Impeller: Stainless Steel
 Mechanical Seal: Ceramic/Graphite/EPDM

Environment:

Ambient Temperature: 50°C

Electrical Data:

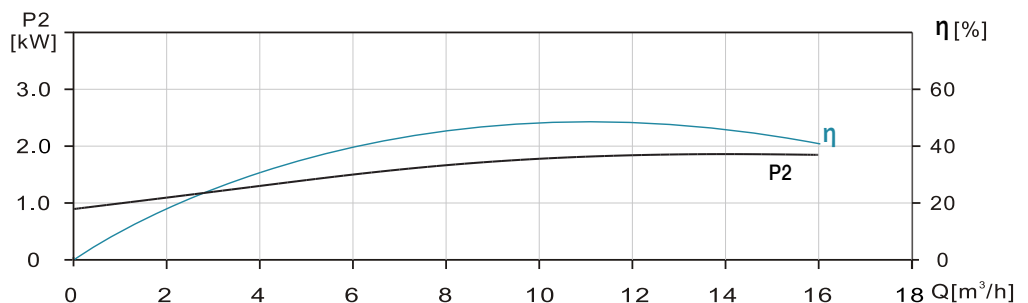
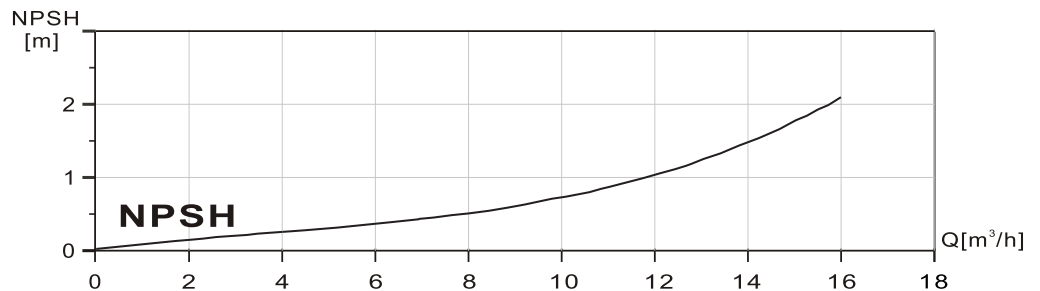
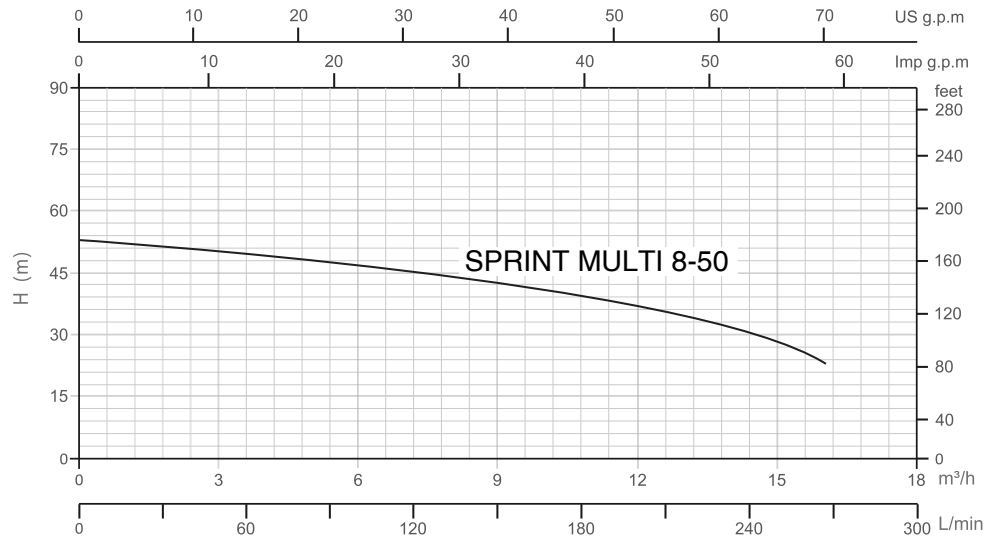
Motor Phase Number: 1
 Protection Level: IP55
 Insulation Level: B
 Motor Power: 2.2 kW
 Speed: 2900 rpm
 Power Frequency: 50 Hz
 Rated Voltage: 240 V

Liquid:

Pumped Liquid: Clean Water
 Temperature: -20°C to +104°C

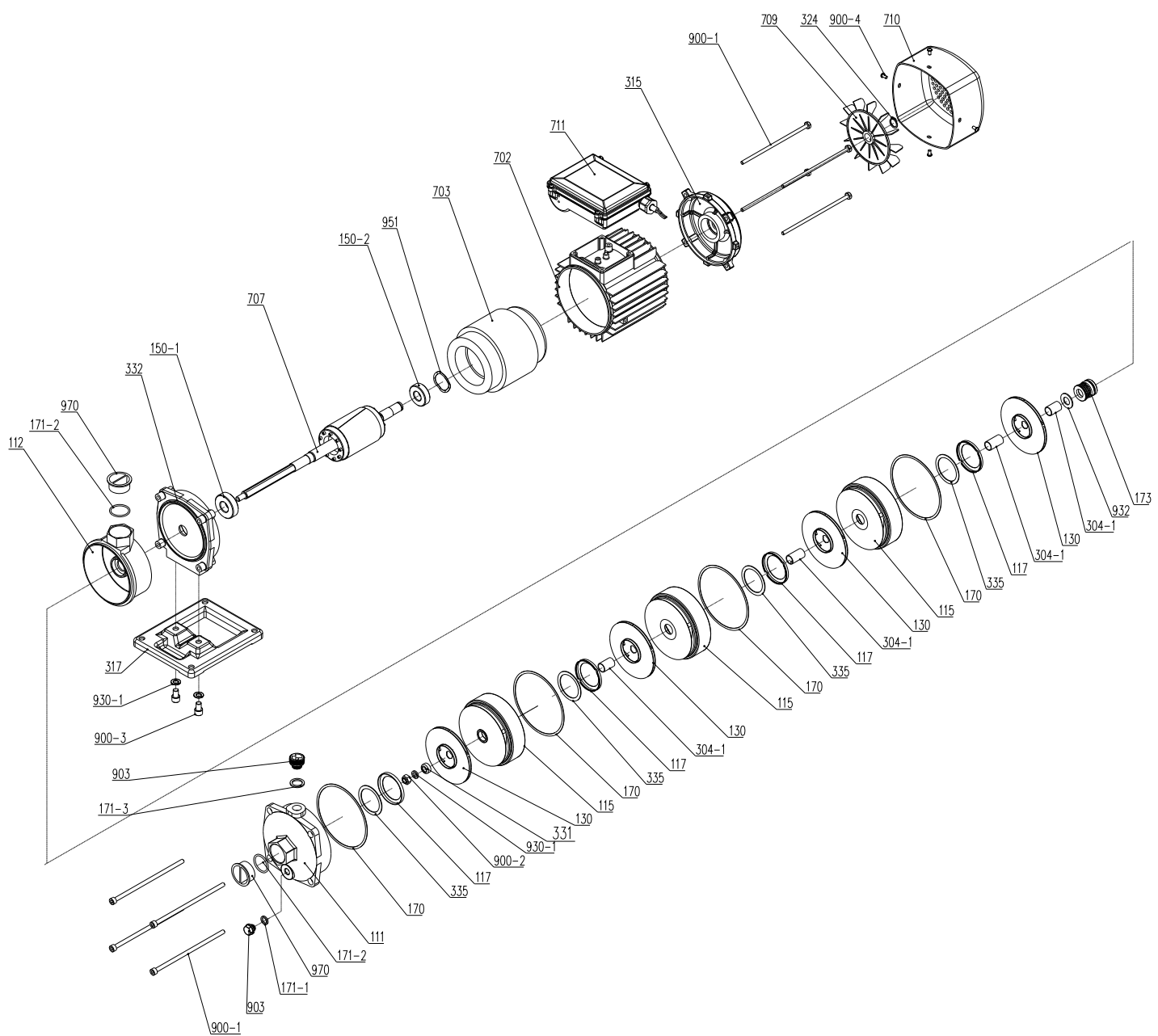
Other:

Weight: 27 Kg



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Position Number	Position Description	Qty Per Pump	Position Number	Position Description	Qty Per Pump	Position Number	Position Description	Qty Per Pump
111	Inlet Section	1	304-1	Shaft Sleeve	3	710	Fan Cover	1
115-1	Stage Casing	1	304-2	Short Sleeve	1	711	Terminal Box	1
115-2	Stage Casing with Bearing	2	305	Bearing Sleeve	1	900-1	Hexagon Socket Screws	4
117	Gasket	4	315	End Cover	1	900-2	Lock Nut	1
130	Impeller	4	317	Base	1	900-3	Hexagon Socket Screws	2
170	Gasket	4	322	Coupling	1	900-4	Crossed Round Head Screws	4
171-1	O-Ring	1	331	Impeller Grommet	1	903	Screw Plug	2
171-2	O-Ring	1	335	Impeller Seal Ring	4	930	Spring Washer	6
171-3	O-Ring	1	702	Barrel	1	970	Dust Cover	2
173	Mechanical Seal	1	706	Rotor Shaft	1			
302	Retaining Ring	1	709	Fan	1			