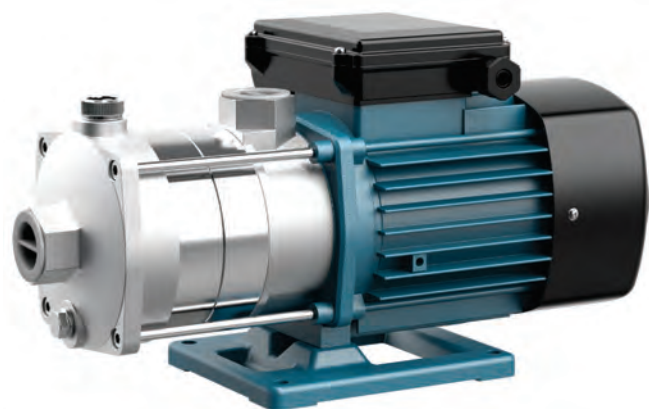


SPRINT MULTI



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
(+70°C for MULTI 8-50)

Continuous duty.

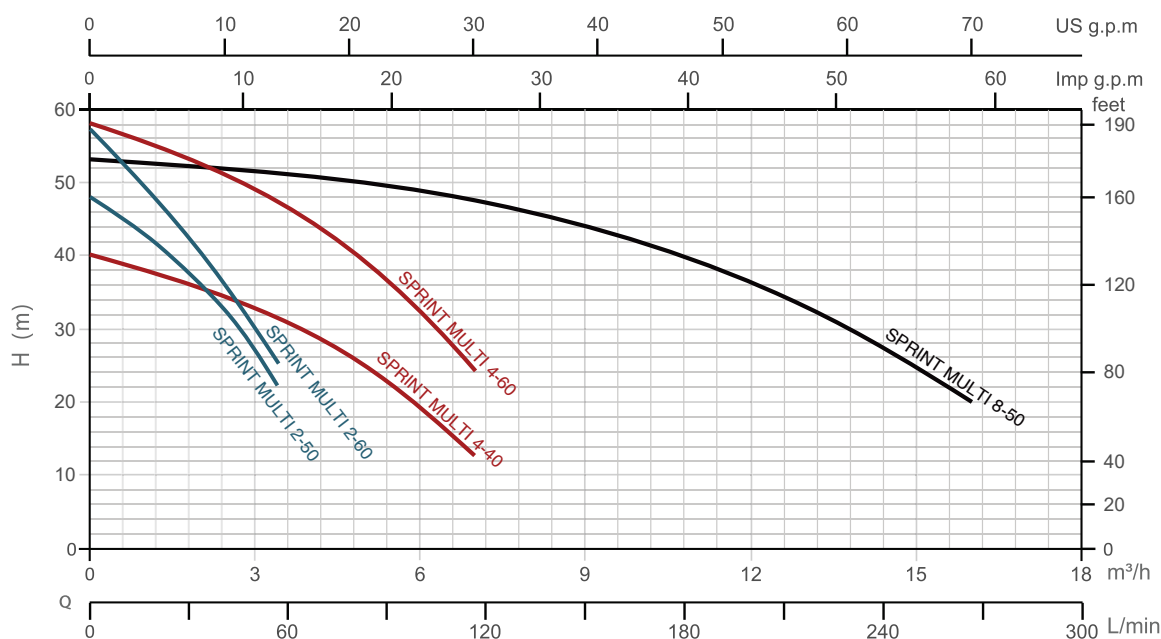
Motor

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 F. Protection IP 55.

Coverage chart $n \approx 2900$ rpm



SPRINT MULTI



Horizontal Multistage Stainless Steel Centrifugal Pumps

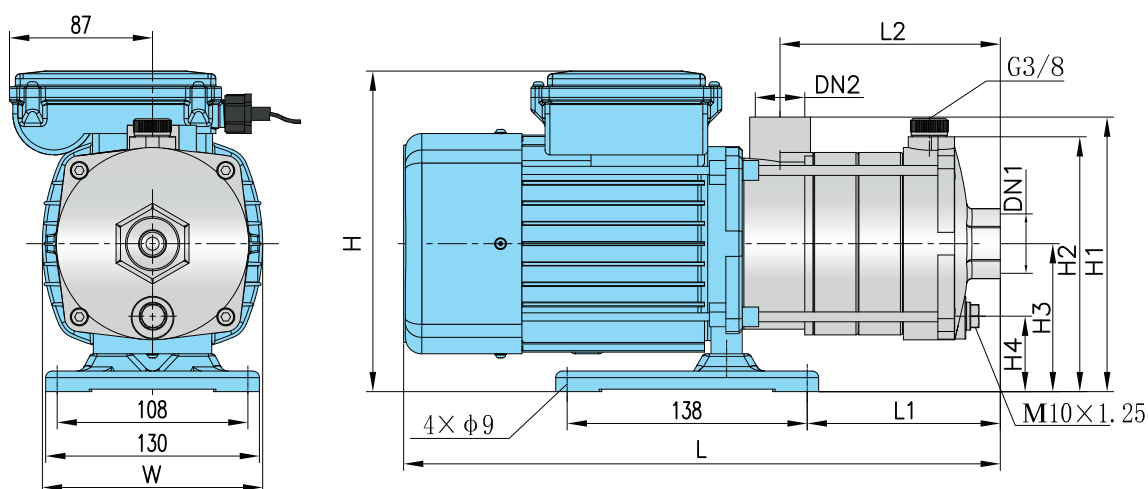
Performance $n \approx 2900$ rpm

MODEL	1 ~ 240 V			Q m ³ /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 m ³ /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 m ³ /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	DN2 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

SPRINT MULTI



Horizontal Multistage Stainless Steel Centrifugal Pumps

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
 Max. Permissible Pressure: 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:

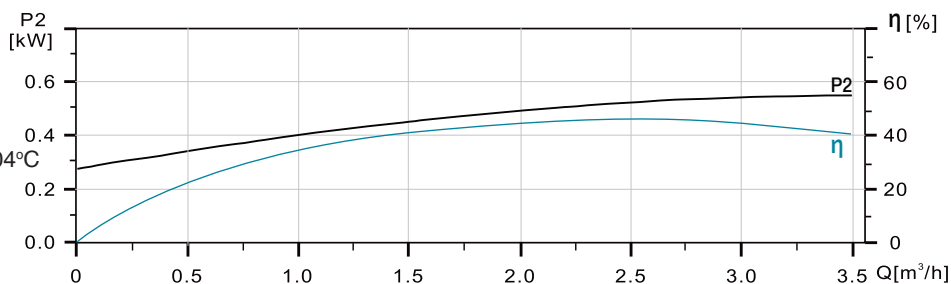
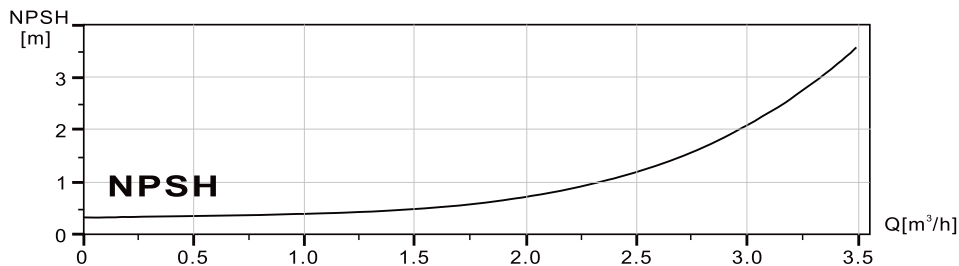
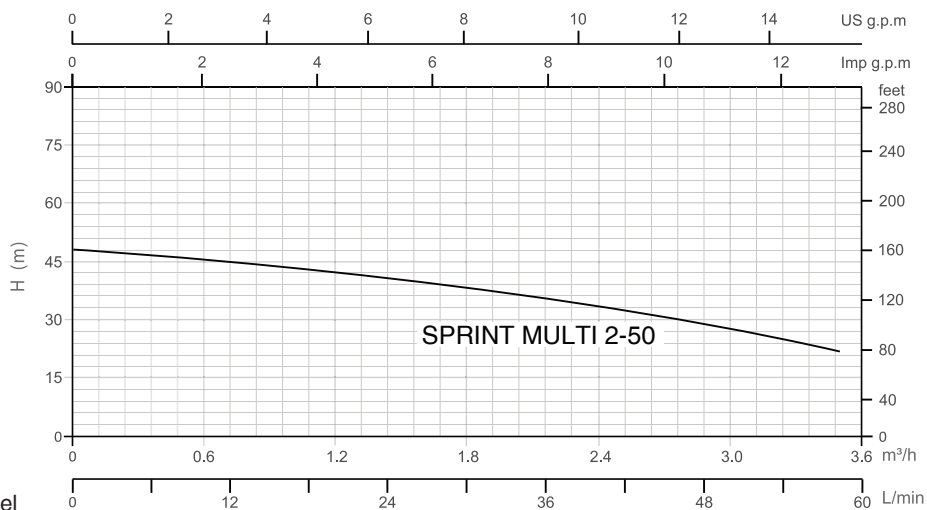
Motor: 1 Phase
 Protection Level: IP55
 Insulation Level: F
 Motor Power: 0.55 kW
 Speed: 2900 rpm
 Power Frequency: 50 Hz
 Rated Voltage: 240 V

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
 Max. Permissible Pressure: 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:

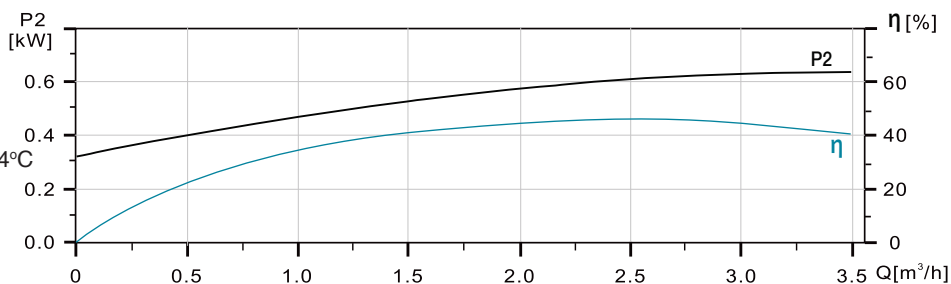
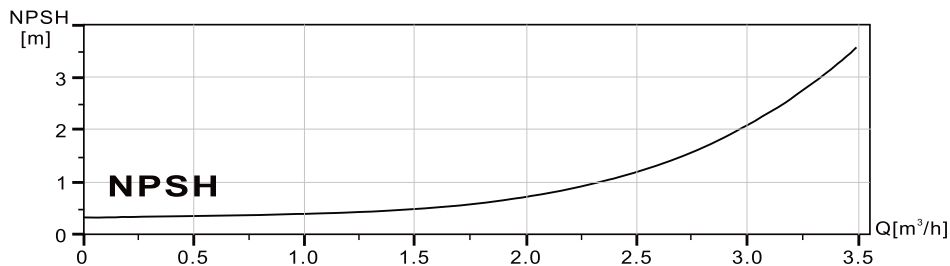
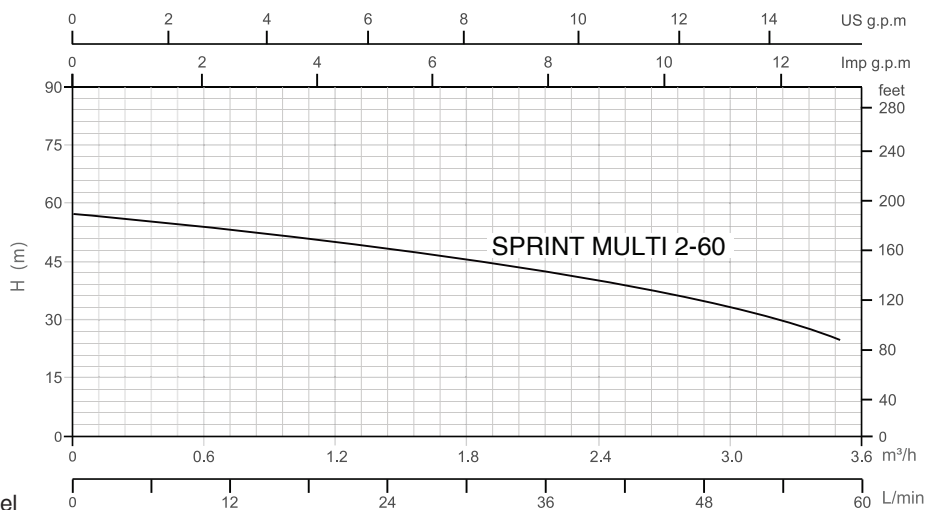
Motor: 1 Phase
 Protection Level: IP55
 Insulation Level: F
 Motor Power: 0.75 kW
 Speed: 2900 rpm
 Power Frequency: 50 Hz
 Rated Voltage: 240 V

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
 Max. Permissible Pressure: 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:

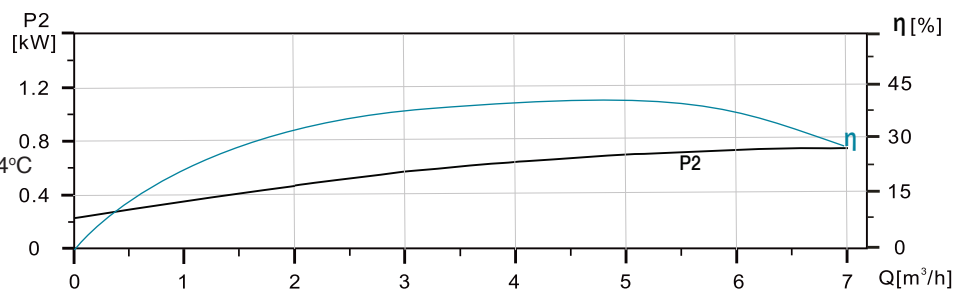
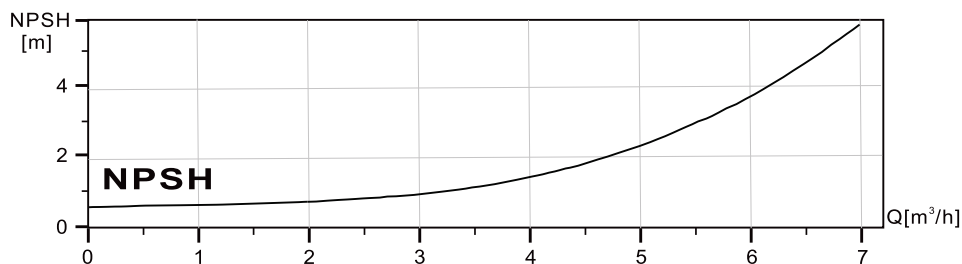
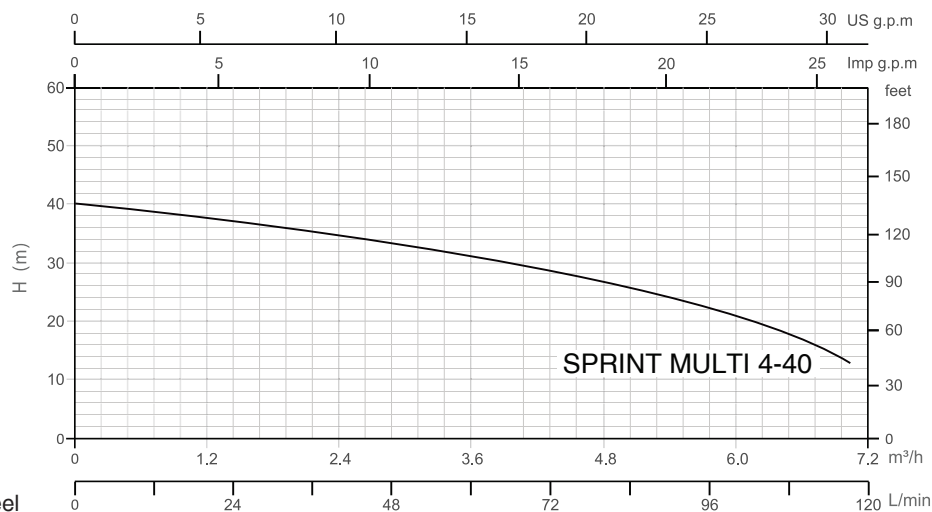
Motor: 1 Phase
 Protection Level: IP55
 Insulation Level: F
 Motor Power: 0.75 kW
 Speed: 2900 rpm
 Power Frequency: 50 Hz
 Rated Voltage: 240 V

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
 Max. Permissible Pressure: 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:

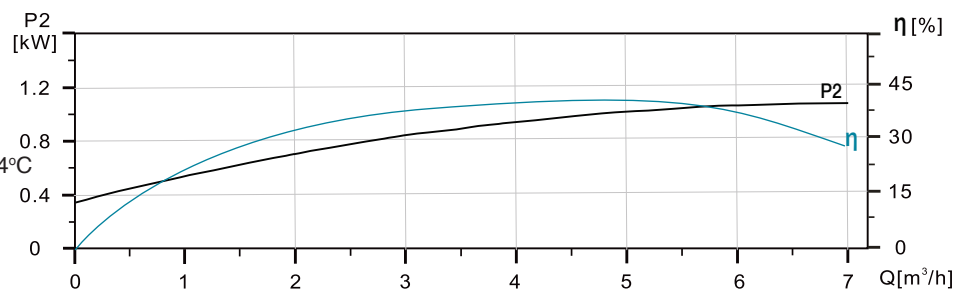
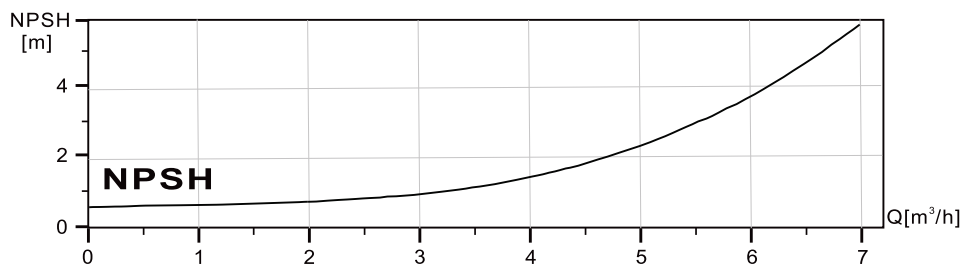
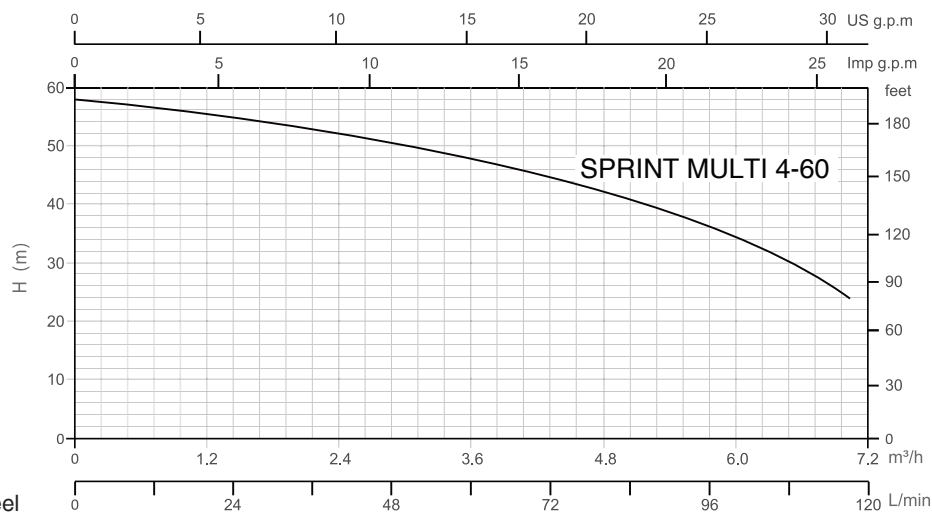
Motor: 1 Phase
 Protection Level: IP55
 Insulation Level: F
 Motor Power: 1.1 kW
 Speed: 2900 rpm
 Power Frequency: 50 Hz
 Rated Voltage: 240 V

Liquid:

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

Other:

Weight: 12 Kg



SPRINT MULTI



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
 Max. Permissible Pressure: 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:

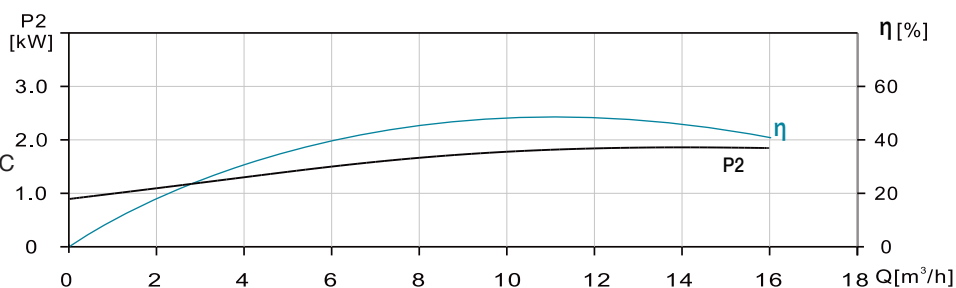
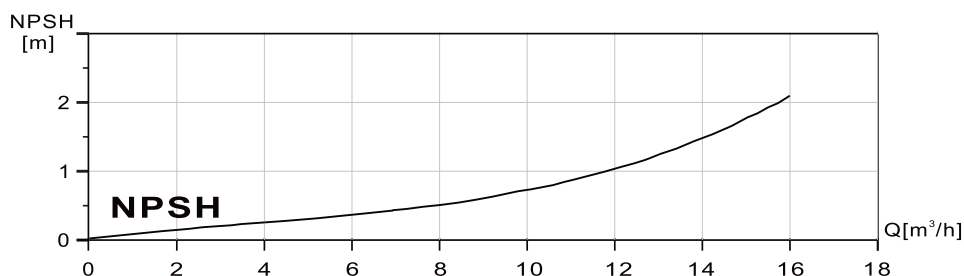
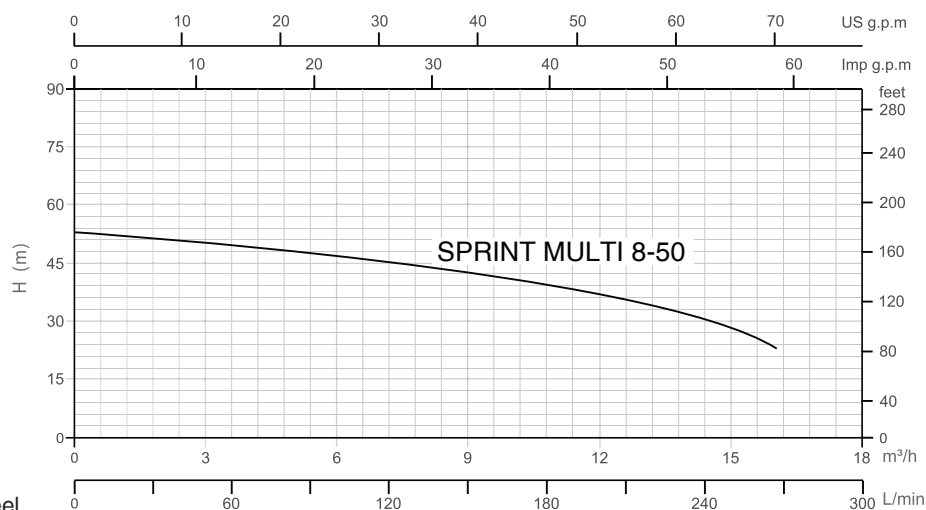
Motor: 1 Phase
 Protection Level: IP55
 Insulation Level: F
 Motor Power: 2.2 kW
 Speed: 2900 rpm
 Power Frequency: 50 Hz
 Rated Voltage: 240 V

Liquid:

Pumped Liquid: Clean Water
 Temperature: -20°C to +70°C

Other:

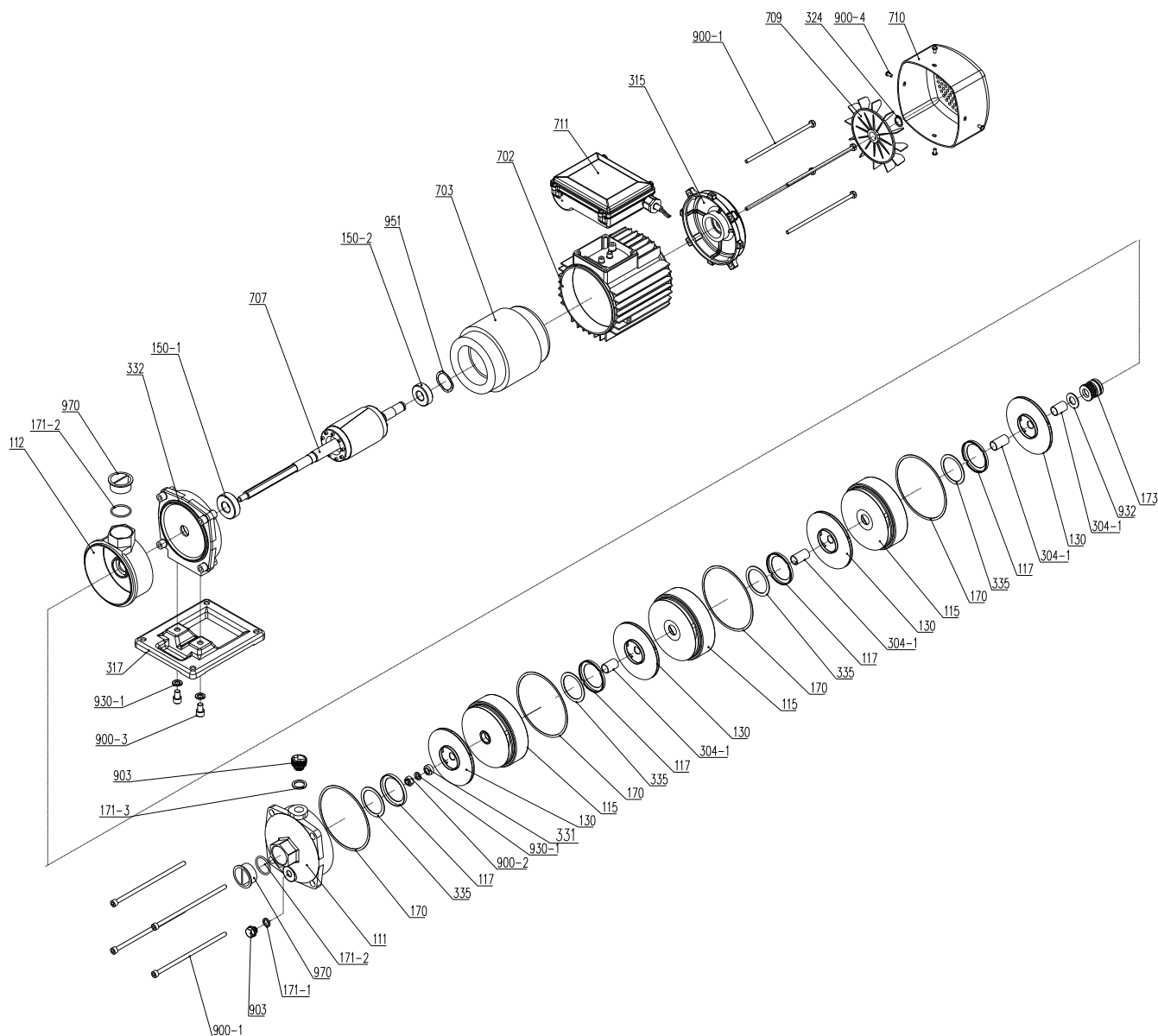
Weight: 27 Kg



SPRINT MULTI



Horizontal Multistage Stainless Steel Centrifugal Pumps



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	173	Mechanical Seal	1	710	Fan Cover	1
112	Outlet Section	1	304-1	Shaft Sleeve	4	711	Terminal Box	1
115	Stage Casing with Bearing	3	315	End Cover	1	900-1	Hexagon Socket Screws	4
117	Gasket	4	317	Base	1	900-2	Lock Nut	1
130	Impeller	4	324	Circlip	1	900-3	Hexagon Socket Screws	2
150-1	Pump-Side Bearing	1	331	Impeller Grommet	1	900-4	Crossed Round Head Screws	4
150-2	Motor-Side Bearing	1	335	Impeller Seal Ring	4	903	Screw Plug	2
170	Gasket	4	702	Motor Casing	1	930	Spring Washer	3
171-1	O-Ring	1	703	Stator Core with Winding	1	932	Flat Washer	1
171-2	O-Ring	2	707	Cast Aluminum Rotor	1	951	Wave Washer	1
171-3	O-Ring	1	709	Motor Fan	1	970	Dust Cover	2