

JSW1 “JET” self-priming pumps



RANGE OF PERFORMANCE

Flow rate up to 50 l/min (3 m³/h)
Head up to 47 m

LIMITS OF USE

Manometric suction lift up to 9 m
Liquid temperature up to + 40°C
Environment temperature up to + 40°C

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1
IEC 335-1
CEI 61-150

EN 60034-1
IEC 34-1
CEI 2-3



INSTALLATION AND USE

They are recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made. **JSW SELF-PRIMING PUMPS ARE DESIGNED FOR SUCTION LIFTS AND CAN BE POSITIONED ABOVE THE WATER SOURCE, INCLUDING APPLICATIONS WITH AIR ENTRAINED IN THE WATER. DUE TO THEIR RELIABILITY AND LOW MAINTENANCE, THEY ARE RECOMMENDED FOR DOMESTIC USE, INCLUDING WATER DISTRIBUTION (AS PART OF A PRESSURE SET), GARDEN IRRIGATION, ETC.**

The pumps must be installed in enclosed places, or at least protected against inclement weather.

GUARANTEE 2 YEARS subject to our general terms of sale.

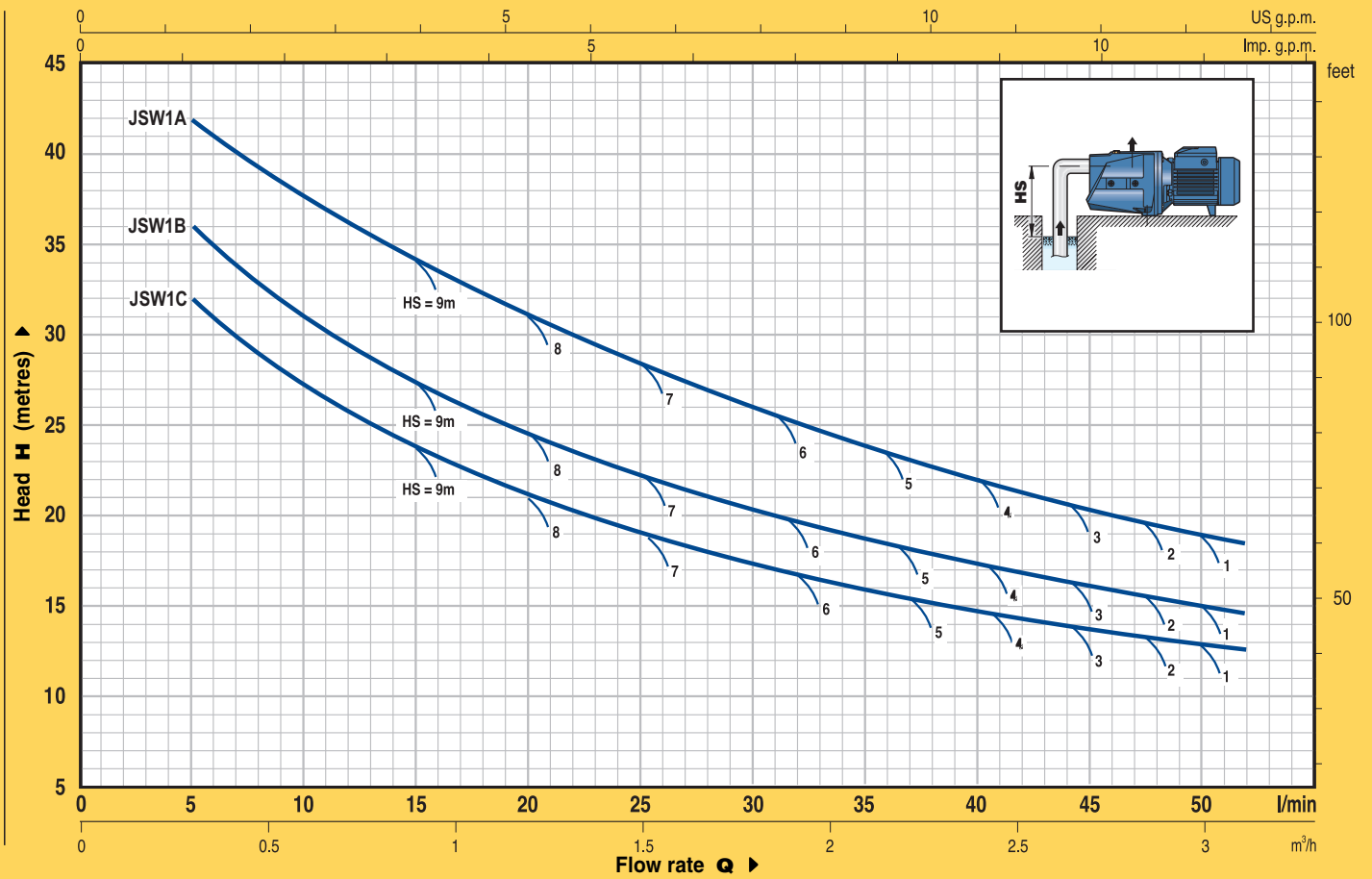
CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron, with threaded ports ISO 228/1.
- **BODY BACK-PLATE:** stainless steel AISI 304.
- **EJECTOR ASSEMBLY:** technopolymer (approved for drinking water).
- **IMPELLER:** brass.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **MECHANICAL SEAL:** ceramic - graphite -NBR.
- **ELECTRIC MOTOR:** the pumps are close-coupled to a carefully matched PEDROLLO electric motor, quiet running, totally enclosed fan cooled (TEFC), suitable for continuous duty.
JSWm: single-phase 230 V - 50 Hz with capacitor and thermal overload protector.
JSW: three-phase 230/400 V - 50 Hz.
- **INSULATION:** class F. ● **PROTECTION:** IP 44.
- **REGISTERED MODEL n° 72753.**

OPTIONS ON REQUEST

- ⇒ impeller in **technopolymer** (JSWm1...X - JSW1...X)
- ⇒ other voltages or frequency 60 Hz

CURVES AND PERFORMANCE DATA AT n= 2900 1/min

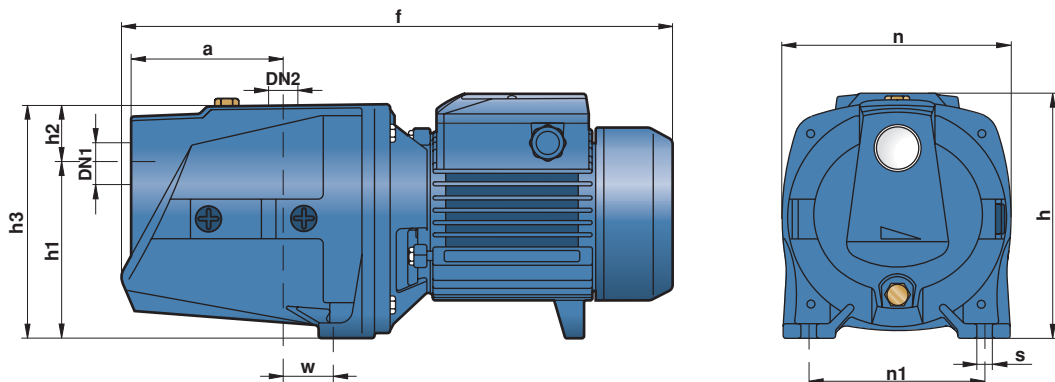


TYPE		POWER		Q	Flow rate												
Single-phase	Three-phase	kW	HP		m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	
JSWm 1C	JSW 1C	0.37	0.50	l/min	0	5	10	15	20	25	30	35	40	45	50		
				H metres	35	32	27	24	21	19	17	16	15	14	13		
					41	36	31	27	24	22	20	19	17	16	15		
					47	42	38	34	31	28.5	26	24	22	21.5	19		

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

DIMENSIONS AND WEIGHTS



TYPE		PORTS		DIMENSIONS mm										kg	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	h3	n	n1	w	s	1~	3~
JSWm 1C	JSW 1C	1"	1"	115	379	171	127	33.5	160.5	160	124	24	10	9.3	9.1
JSWm 1B	JSW 1B				387/379									10.0	9.5
JSWm 1A	JSW 1A				10.2									10.1	