

# JETCOM SP



## GENERAL DATA

### Applications

Self-priming centrifugal pump with excellent suction capacity even when there are air bubbles. Suitable for use with water containing small sand impurities. Particularly suitable for water supply in domestic installations: movimentation of aggressive water in general containing chlorine (water coming from swimming pools).

### Pump construction characteristics

Pump body in technopolymer. Support, seal holder in AISI 316 STAINLESS STEEL. Mechanical seal in carbon/ceramic. Rotor shaft in AISI 316 STAINLESS STEEL. Impellers, diffuser, venturi tube and sand guard in technopolymer. Wear rings in stainless steel.

### Motor construction characteristics

Continuous duty asynchronous motor.

Built-in motor overload cut out and a capacitor permanently on in the single-phase version.

Protection for the three-phase version is the responsibility of the user.

Motor protection level: IP 44

Terminal board protection level: IP 55

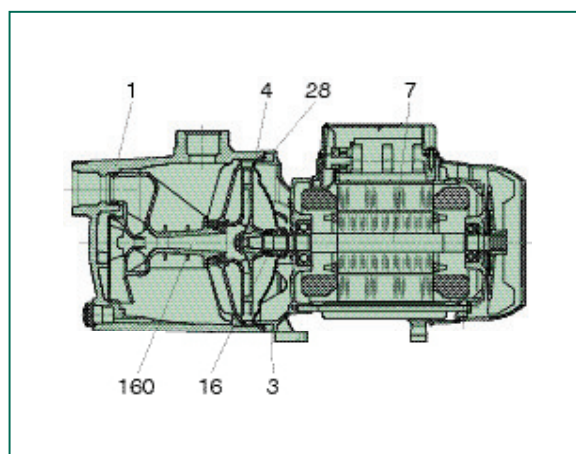
Insulation class: F

Standard voltage:           single-phase    220/240V - 50 Hz - 2 poles  
                                  three-phase   230/400V - 50 Hz - 2 poles

## TECHNICAL DATA

N.	PARTS *	MATERIALS
1	PUMP BODY	TECHNOPOLYMER A
4	IMPELLER	TECHNOPOLYMER A
7	SHAFT WITH ROTOR	STAINLESS STEEL AISI 316
16	MECHANICAL SEAL	CARBON/CERAMIC
28	GASKET OR	NBR
36	SEAL HOLDER COVER	STAINLESS STEEL AISI 316
160	NOZZLE-VENTURI	

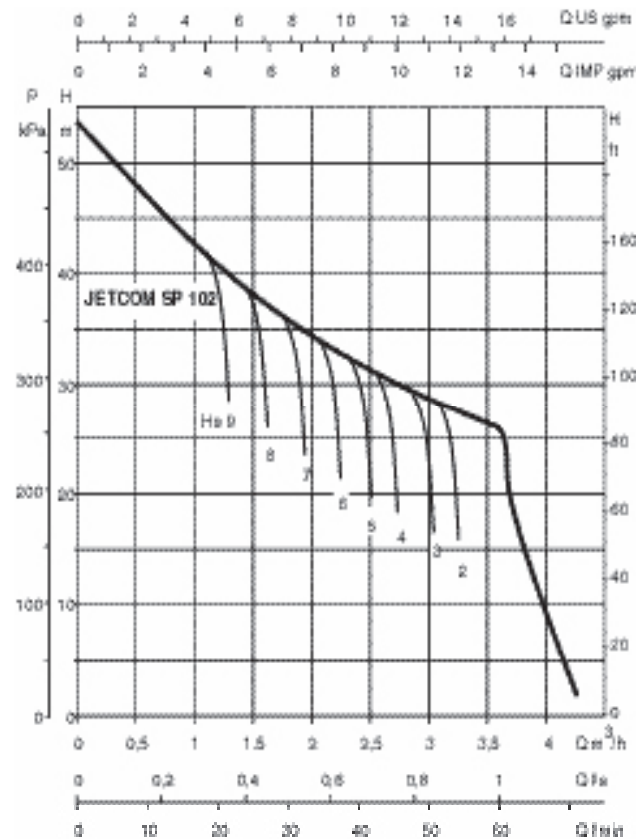
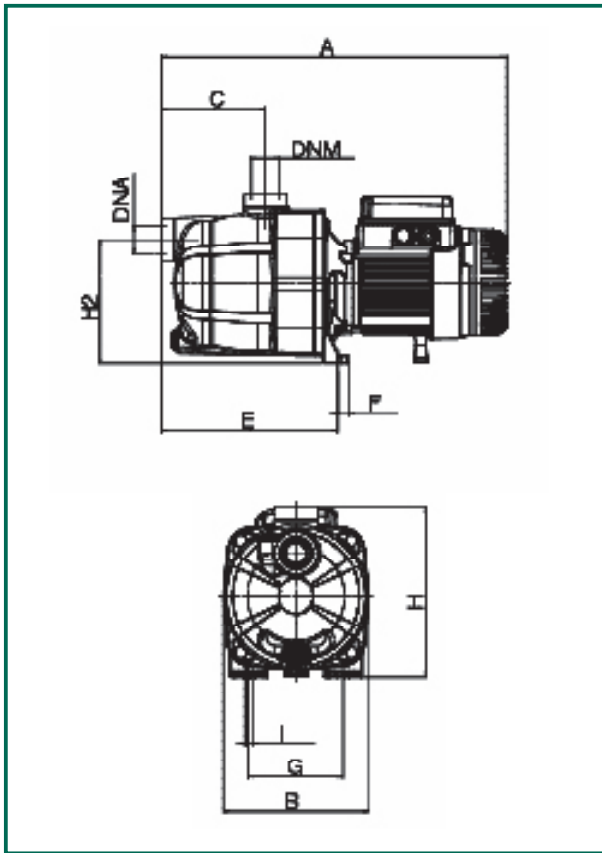
\* In contact with the liquid.



- Operating range: from 10 to 60 l/min. with head up to 53,8 m.
- Pumped liquid: clean, free from solids and abrasive substances, water coming from swimming pools (containing chlorine).
- Liquid temperature range: from 0°C to +35°C for domestic use (EN 60335-2-41)  
from 0°C to +40°C for other uses.
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 6 bar (600 kPa)
- Installation: fixed or portable in horizontal position

The performance curves are based on the kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 Kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.  
Liquid temperature range: from 0 °C to +35°C                      Maximum ambient temperature: +40°C

# JETCOM SP 102



MODEL	A	B	C	E	F	G	I Ø	H	H2	DNA	DNM	PACKING DIMENSIONS			VOLUME m³	WEIGHT Kg
												L/A	L/B	H		
			ELECTRICAL DATA								HYDRAULIC DATA (n ≈ 2800 1/min)					
MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW    HP		In A	CAPACITOR µF    Vc		Q m³/h l/min	0 0	0.6 10	1.2 20	1.8 30	2.4 40	3 50	3.6 60	
JETCOM SP 102 M																
									H (m)	53,8	47	41	36,3	32,4	28,8	25,8
JETCOM SP 102 T																