

# JETCOM SP - EUROCOM SP

## SWIMMING POOL CENTRIFUGAL ELECTRIC PUMPS



### TECHNICAL DATA

#### Operating range:

from 10 to 80 l/min. with head up to 58 metres.

**Pumped liquid:** clean, free from solids or abrasives, swimming pool water (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, horizontal position.

**Motor protection class:** IP 44.

**Protection class at the terminal board:** IP 55.

**Insulation class:** F.

**Standard voltage:** Single-phase 220/240 V - 50 Hz - 2 poles

Three-phase 230/400 V - 50 Hz - 2 poles

### APPLICATIONS

Centrifugal self-priming pump with high suction capacity also when air bubbles are present. Suitable for use with water with small sandy impurities. Particularly suited for water supply in domestic systems: circulation of aggressive water in general, containing chlorine (swimming pool water).

### CONSTRUCTION FEATURES OF THE PUMP

Technopolymer pump body. AISI 316 STAINLESS STEEL seal holder, support. Carbon/ceramic mechanical seal. Pump shaft in AISI 316 STAINLESS STEEL. Technopolymer impeller, diffuser, venturi tubes, and sand guard. Stainless steel adjustment rings.

### CONSTRUCTION FEATURES OF THE MOTOR

Continuous service asynchronous motor.

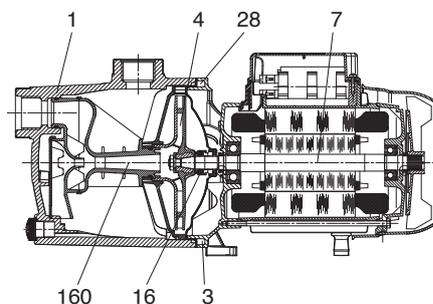
The single-phase version has built-in thermal-amperometric protection and permanently connected capacitor.

Overload protection to be provided by the user for the three-phase version.

## MATERIALS - JETCOM SP

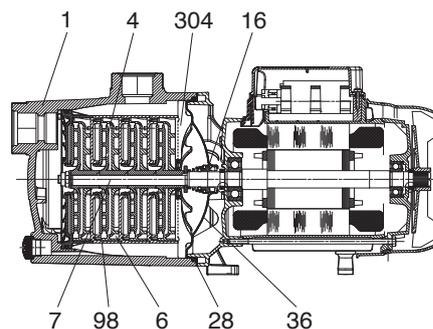
N.	PARTS*	MATERIALS
1	PUMP BODY	TECHNOPOLYMER A
4	IMPELLER	TECHNOPOLYMER A
7	SHAFT WITH ROTOR	AISI 316 STAINLESS STEEL
16	MECHANICAL SEAL	CARBON / CERAMIC
28	OR RING	NBR
36	SEAL COVER	AISI 316 STAINLESS STEEL
160	VENTURI DIFFUSER NOZZLE ASSEMBLY	TECHNOPOLYMER A

\* In contact with the liquid



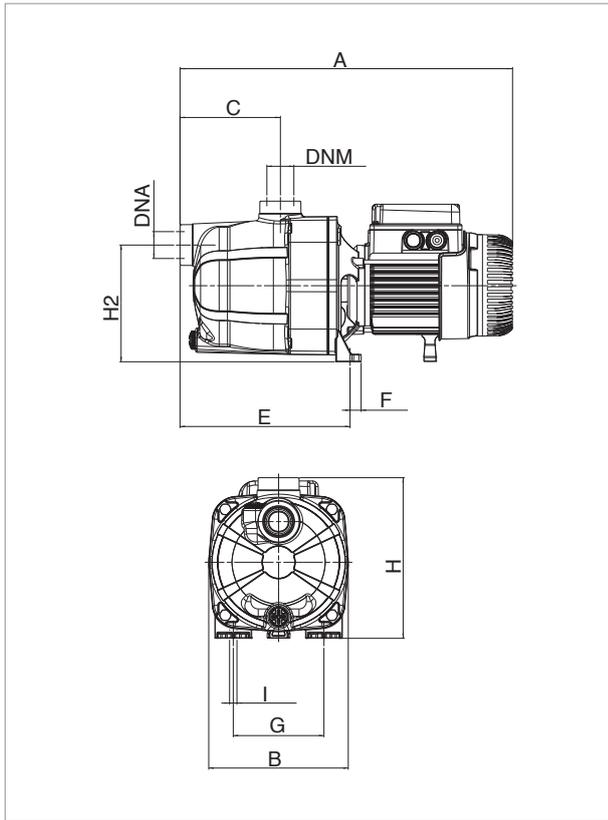
## MATERIALS - EUROCOM SP

N.	PARTS	MATERIALS
1	PUMP BODY	TECHNOPOLYMER
4	IMPELLER	TECHNOPOLYMER
6	DIFFUSER	TECHNOPOLYMER
7	SHAFT WITH ROTOR	AISI 316 STAINLESS STEEL
16	MECHANICAL SEAL	CARBON / CERAMIC
28	OR RING	NBR
36	SEAL COVER	AISI 316 STAINLESS STEEL
98	DIFFUSER BODY	TECHNOPOLYMER
304	REAR DISC	TECHNOPOLYMER

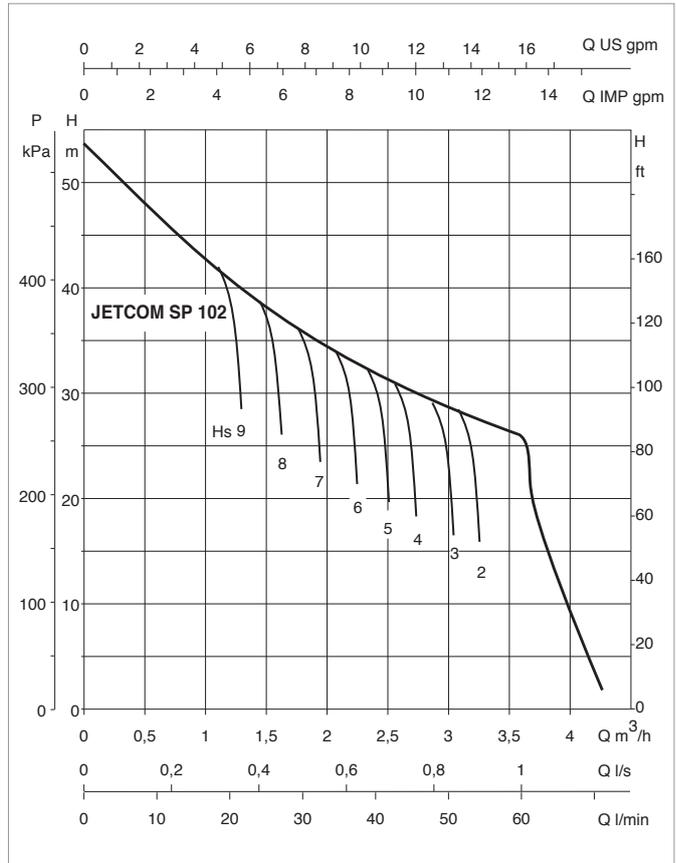


# JETCOM SP 102 - SWIMMING POOL WATER SUPPLY CENTRIFUGAL ELECTRIC PUMPS

Liquid temperature range: from 0 °C to +35 °C - Maximum ambient temperature: +40 °C



The performance curves are based on 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.



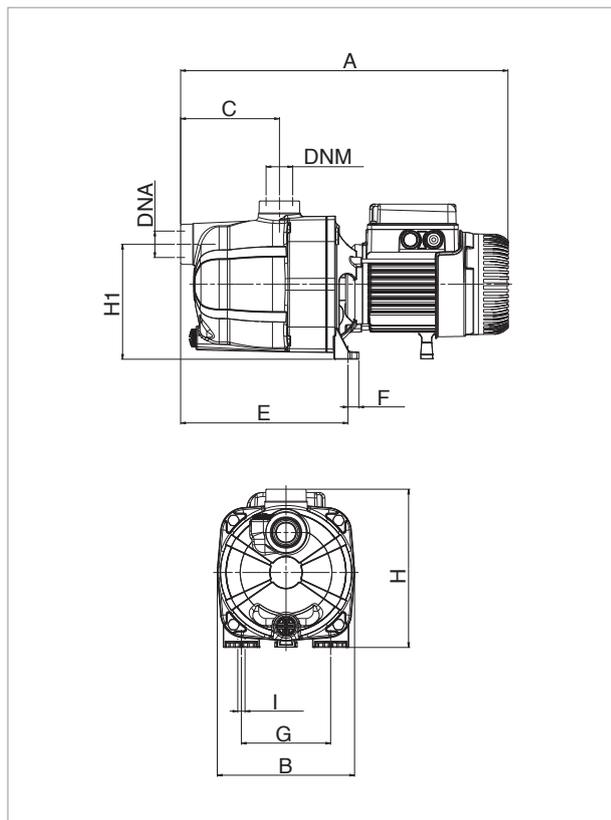
MODEL	Q= m <sup>3</sup> /h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
	Q=l/min	0	10	20	30	40	50	60	70	80
<b>JETCOM 102 SP M</b>	H (m)	53,8	47	41	36,3	32,4	28,8	25,8		

MODEL	ELECTRICAL DATA						
	POWER INPUT 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
<b>JETCOM 102 SP M</b>	1 x 220-240 V ~	1,13	0,75	1	5,1	16	450

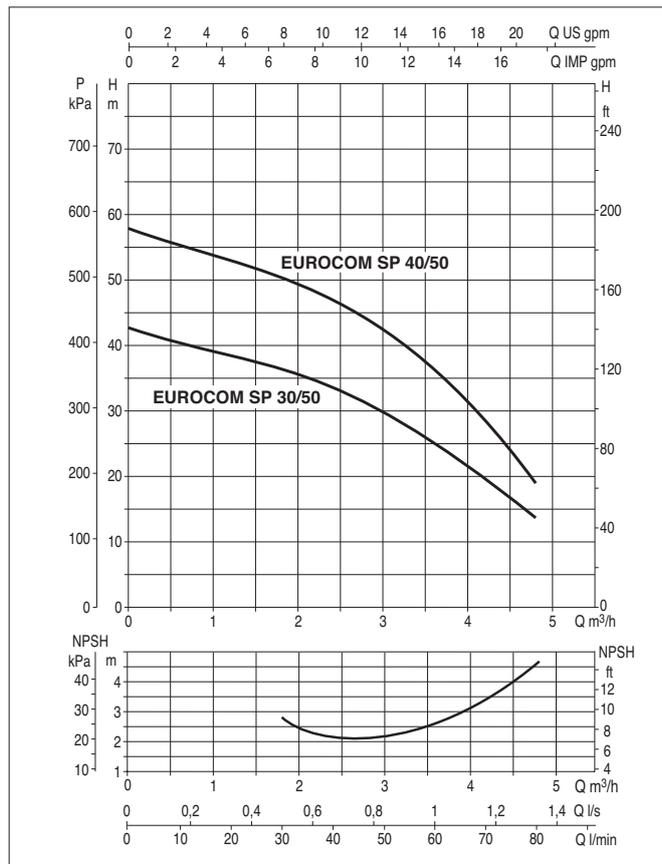
MODEL	A	B	C	E	F	G	I Ø	H	H1	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
	L/A	L/B	H													
<b>JETCOM 102 SP M</b>	425	170	122	208	14	111	9	203	144	1"	1"	470	240	240	9,5	28

# EUROCOM SP 50 - SWIMMING POOL WATER SUPPLY CENTRIFUGAL ELECTRIC PUMPS

Liquid temperature range: from 0 °C to +35 °C - Maximum ambient temperature: +40 °C



The performance curves are based on 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.



MODEL	Q= m <sup>3</sup> /h	0	0,6	1,2	1,8	2,4	3,0	3,3	3,6	4,2	4,8
	Q=l/min	0	10	20	30	40	50	55	60	70	80
EUROCOM SP 30/50 M-T	H (m)	42,2	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14
EUROCOM SP 40/50 M-T	H (m)	57,7	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19,2

MODEL	POWER INPUT 50 Hz	P1 MAX kW	P2 NOMINAL		I <sub>n</sub> A	CAPACITOR	
			kW	HP		μF	V <sub>c</sub>
EUROCOM SP 30/50 M	1 x 220-240 V ~	880	0,55	0,75	3,9	12,5	450
EUROCOM SP 30/50 T	3 x 230-400 V ~	870	0,55	0,75	2,8-1,6	—	—
EUROCOM SP 40/50 M	1 x 220-240 V ~	1200	0,75	1	5,3	20	450
EUROCOM SP 40/50 T	3 x 230-400 V ~	1180	0,75	1	3,8-2,2	—	—

MODEL	A	B	C	E	F	G	I Ø	H	H1	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
												L/A	L/B	H		
EUROCOM SP 30/50 M-T	406	170	122	208	14	111	9	198	144	1"	1"	470	240	240	8,8	28
EUROCOM SP 40/50 M-T	425	170	122	208	14	111	9	203	144	1"	1"	470	240	240	11,3	28