JETCOM

SELF-PRIMING CENTRIFUGAL PUMPS

TECHNICAL DATA

Operating range:
from 0.6 to 5.4 m^3/h with head up to 54 metres
Liquid quality requirements: clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral
Liquid temperature range: from 0°C to +35°C for domestic use (EN 60335-2-41)
Maximum ambient temperature: +40°C
Maximum operating pressure: 6 bar (600 kPa)
Maximum suction depth: 8 metres
Installation: fixed in a horizontal position
Special executions on request: alternative voltages and/or frequencies
Motor protection rating: IP 44
Terminal block protection rating: IP 55
Insulation class: F
Standard input voltage: single phase 220/240 V / 50 Hz
three phase 230/400 V - 50 Hz

APPLICATIONS

Self priming centrifugal pump with excellent suction capacity even in the presence of air bubbles.
Suitable for pumping water with low levels of sandy impurities.
Especially used in domestic water supply installations. Suitable for small farms and gardening, small scale industrial services and where self priming is necessary.

CONSTRUCTIONAL FEATURES OF THE PUMP

Pump body in technocpolymer and motor support in die cast aluminium.
Impeller, diffuser, venturi tube and sand guard in technopolymer
Stainless steel wear ring.
Carbon/ceramic mechanical seal.

CONSTRUCTIONAL FEATURES OF THE MOTOR

Asynchronous type, closed, with external air cooling.
Rotor mounted on oversized greased-for-life ball bearings, to guarantee low noise and long life.
Incorporated thermo-amperometric protection and permanently inserted capacitor in the single phase version.
It is recommended to use overload protection for three phase motor protection, in compliance with current legislation.
Manufactured pursuant to CEI 2-3 and CEI 61-69 (EN 60335-2-41).

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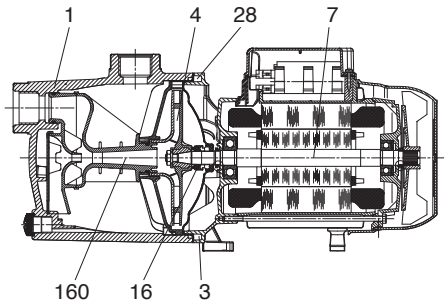
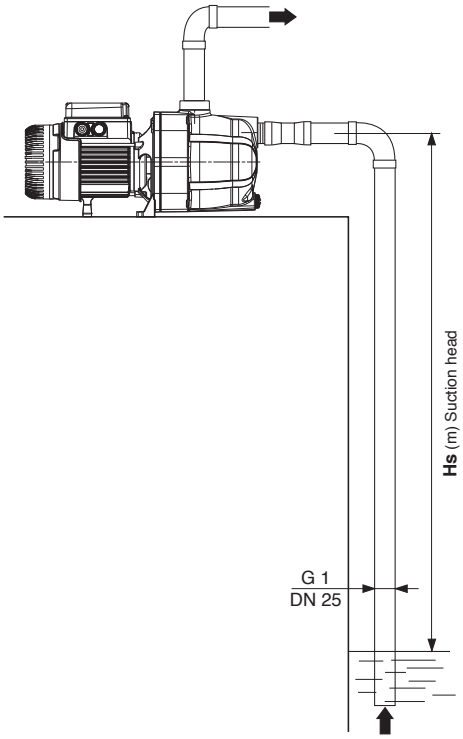
MATERIALS

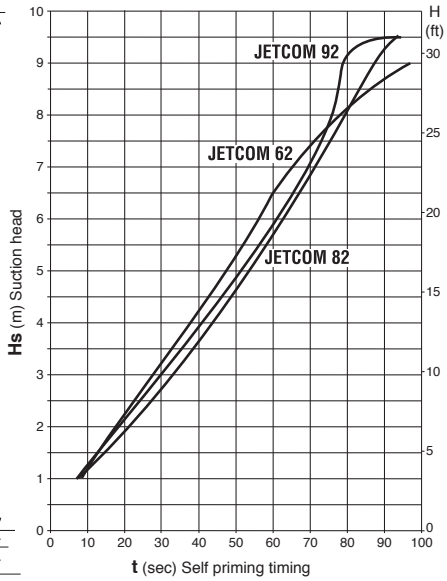
N°	PARTS *	MATERIALS
1	PUMP BODY	TECHNOPOLYMER A
4	IMPELLER	TECHNOPOLYMER A
7	SHAFT WITH ROTOR	AISI 416 STAINLESS STEEL X12 CrS13 - UNI 6900/71
16	MECHANICAL SEAL	CARBON/CERAMIC
28	OR GASKET	NBR RUBBER
36	SEAL HOLDER COVER	AISI 304 STAINLESS STEEL X5 CRNi 1810 - UNI 6900/71
160	VENTURI DIFFUSER NOZZEL GROUP	TECHNOPOLYMER A

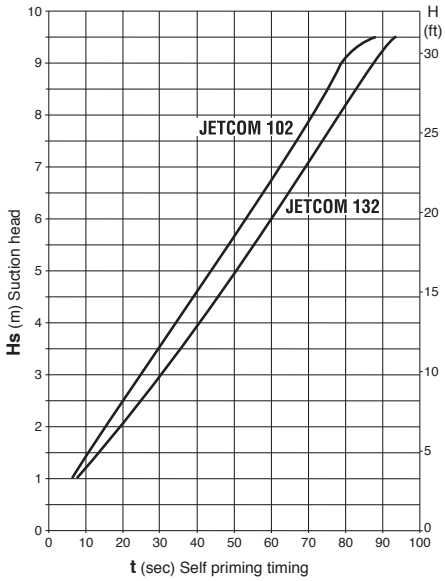
* In contact with liquid



SELF PRIMING CAPACITY



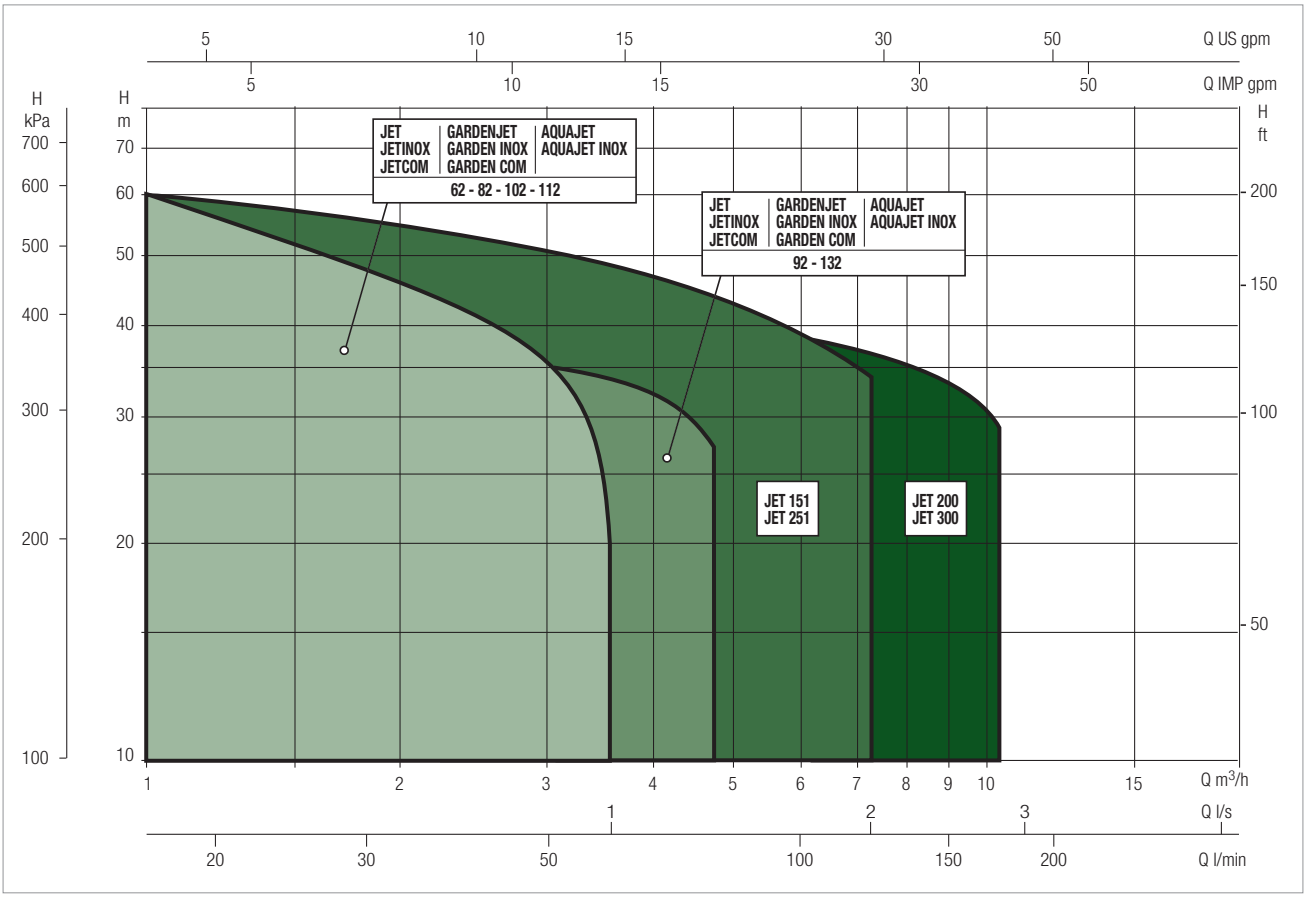




PERFORMANCE RANGE

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

GRAPHIC SELECTION TABLE



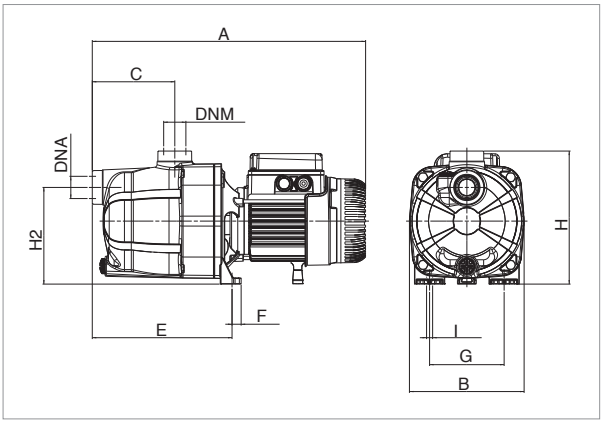
JETCOM SELECTION TABLE

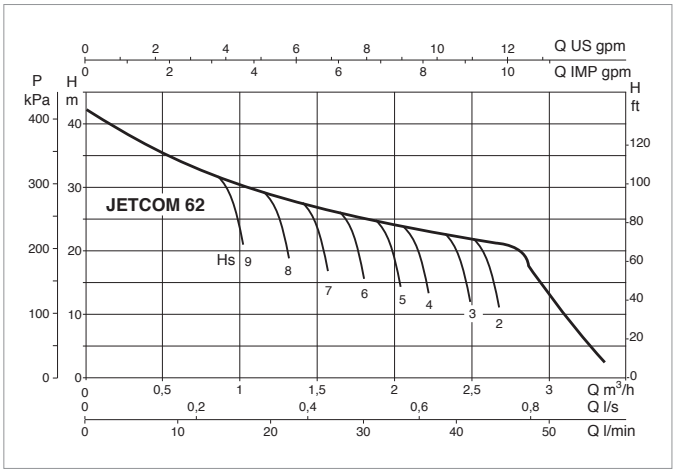
MODEL	Q=m³/h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8
	Q=l/min	0	10	20	30	40	50	60	70	80
JETCOM 62 M	H (m)	42	35	29,2	25,6	22,9	13			
JETCOM 82 M		47	40	34	30	26,2	23,5	20		
JETCOM 102 M		53,8	47	41	36,3	32,4	28,8	25,8		
JETCOM 102 T		53,8	47	41	36,3	32,4	28,8	25,8		
JETCOM 92 M		36,2	33,5	31	28,4	26	24	21,8	19,6	17,5
JETCOM 132 M		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2
JETCOM 132 T		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2

DAB PUMPS reserve the right to make modifications without prior notice

JETCOM 62 - SELF-PRIMING CENTRIFUGAL PUMPS

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





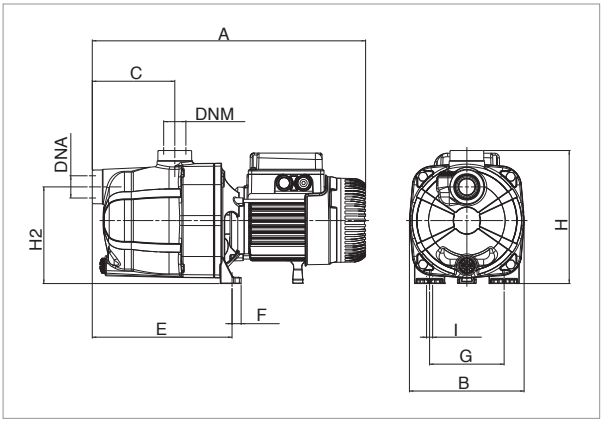
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

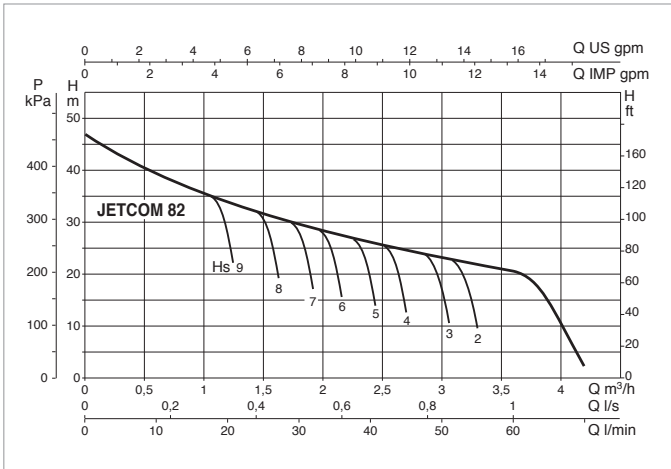
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETCOM 62 M	1 x 220 - 240 V ~	0,72	0,44	0,6	3,12	12,5	450

MODEL	A	A1	B	C	E	F	G	H	H1	H2	H3	I Ø	DNA	DNM	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
															L/A	L/B	H		
JETCOM 62 M	406	-	170	122	208	14	111	198	-	144	-	9	1"	1"	470	240	240	0,027	7,5

JETCOM 82 - SELF-PRIMING CENTRIFUGAL PUMPS

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





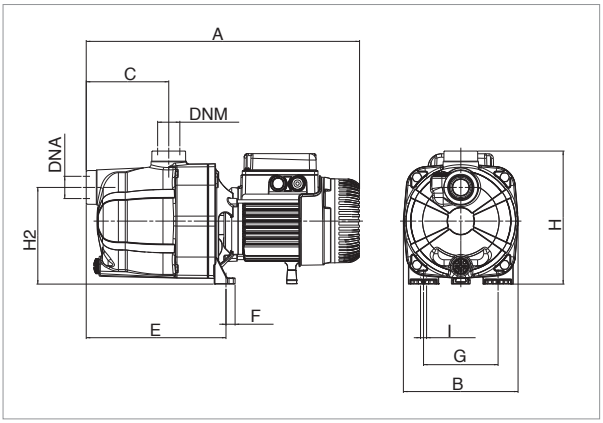
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

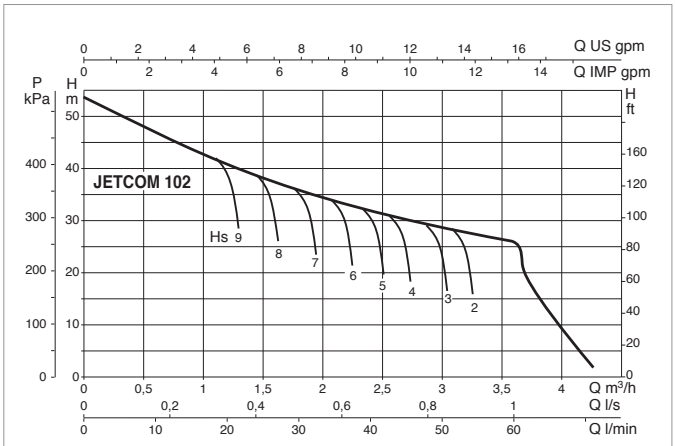
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETCOM 82 M	1 x 220 - 240 V ~	0,85	0,6	0,8	3,8	12,5	450

MODEL	A	A1	B	C	E	F	G	H	H1	H2	H3	I Ø	DNA	DNM	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
															L/A	L/B	H		
JETCOM 82 M	406	-	170	122	208	14	111	198	-	144	-	9	1"	1"	470	240	240	0,027	7,7

JETCOM 102 - SELF-PRIMING CENTRIFUGAL PUMPS

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





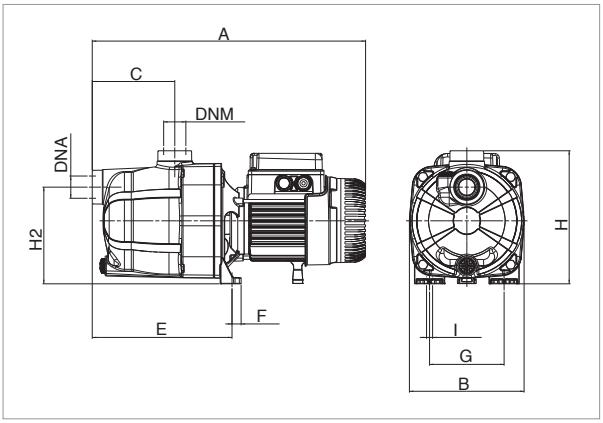
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

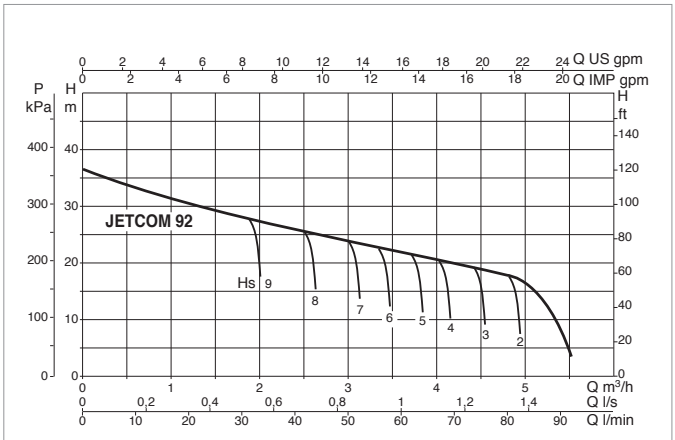
MODEL	ELECTRICAL DATA							
	POWER SUPPLY 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
				kW	HP		µF	Vc
JETCOM 102 M	1 x 220 - 240 V ~		1,13	0,75	1	5,1	16	450
JETCOM 102 T	3 x 230 - 400 V ~	IE3	1,03	0,75	1	3,4-2	-	-
JETCOM 102 T	3 x 230 - 400 V ~	IE2	1,04	0,75	1	3,3-1,9	-	-

MODEL	A	A1	B	C	E	F	G	H	H1	H2	H3	I Ø	DNA	DNM	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
															L/A	L/B	H		
JETCOM 102 M	425	-	170	122	208	14	111	203	-	144	-	9	1"	1"	470	240	240	0,027	9,5
JETCOM 102 T	425	-	170	122	208	14	111	203	-	144	-	9	1"	1"	470	240	240	0,027	9,5

JETCOM 92 - SELF-PRIMING CENTRIFUGAL PUMPS

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





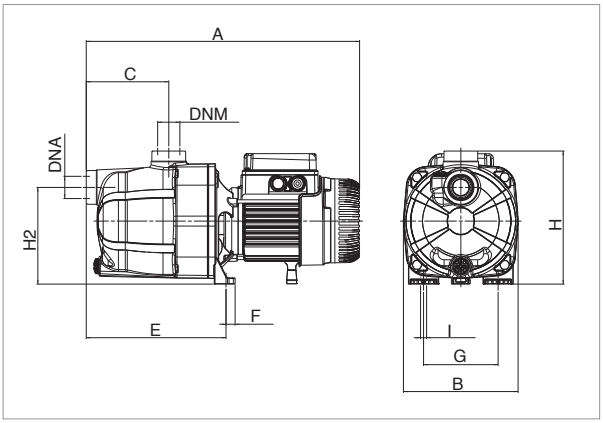
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

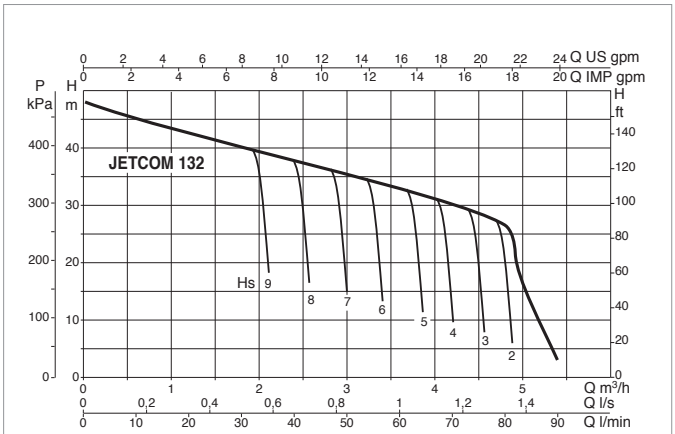
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETCOM 92 M	1 x 220 - 240 V ~	0,94	0,75	1	4,2	14	450

MODEL	A	A1	B	C	E	F	G	H	H1	H2	H3	I Ø	DNA	DNM	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
															L/A	L/B	H		
JETCOM 92 M	425	-	170	122	208	14	111	203	-	144	-	9	1"	1"	470	240	240	0,027	8,7

JETCOM 132 - SELF-PRIMING CENTRIFUGAL PUMPS

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





The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

MODEL	ELECTRICAL DATA							
	POWER SUPPLY 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
				kW	HP		µF	Vc
JETCOM 132 M	1 x 220 - 240 V ~	-	1,49	1	1,36	6,6	25	450
JETCOM 132 T	3 x 230 - 400 V ~	IE3	1,37	1	1,36	4,3-2,5	-	-
JETCOM 132 T	3 x 230 - 400 V ~	IE2	1,43	1	1,36	4,7-2,7	-	-

MODEL	A	A1	B	C	E	F	G	H	H1	H2	H3	I Ø	DNA	DNM	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
															L/A	L/B	H		
JETCOM 132 M	425	-	170	122	208	14	111	203	-	144	-	9	1"	1"	470	240	240	0,027	10,5
JETCOM 132 T	441	-	170	122	208	14	111	203	-	144	-	9	1"	1"	470	240	240	0,027	10,5

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