JET

SELF-PRIMING CENTRIFUGAL ELECTRO PUMPS

TECHNICAL DATA

Operating range:
from 0.4 to 10.5 m^3/h with head up to 62 metres.
Liquid quality requirements: clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral, close to the properties of water.
Liquid temperature range:
for domestic use: from 0°C to +35°C (EN 60335-2-41)
for other use: from 0°C to +40°C
Maximum ambient temperature: +40°C
Maximum operating pressure: 8 bar (800 kPa)
Installation: fixed in a horizontal position.
Special executions on request: different frequencies and/or voltage.
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

Cast-iron motor support and pump body.
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

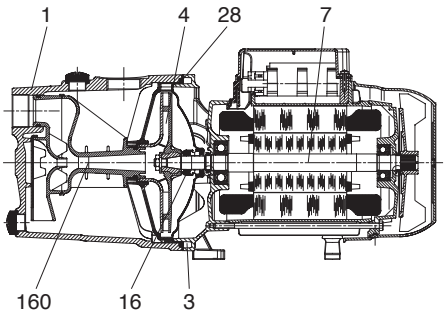
Asynchronous type, closed, with external air cooling.
Rotor mounted on oversized greased-for-life ball bearings, to guarantee low noise and long life.
Incorporated thermo-amperometric protection and permanently inserted capacitor in the single phase version.
It is recommended to use overload protection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

DAB PUMPS reserve the right to make modifications without prior notice

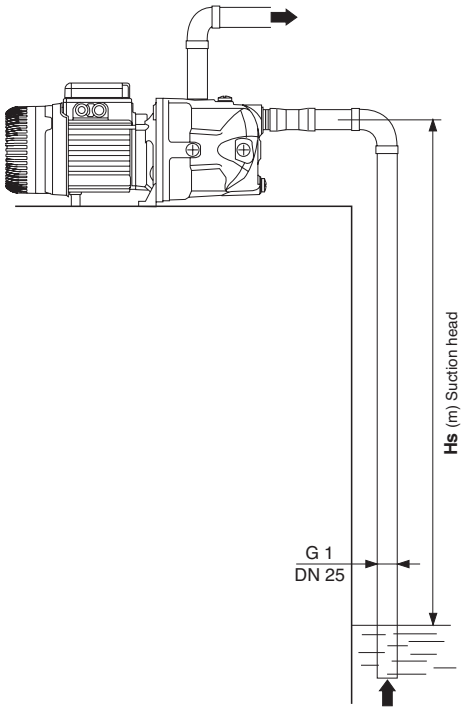
MATERIALS

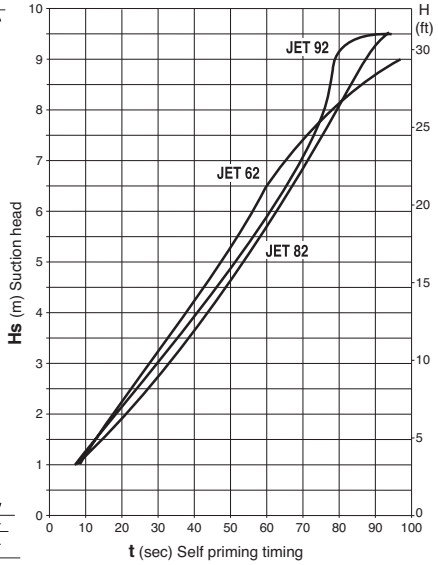
N°	PARTS *	MATERIALS
1	PUMP BODY	200 UNI ISO 185 CAST IRON
3	FRAME	DIE CAST ALUMINIUM
4	IMPELLER	TECHNOPOLYMER A
7	SHAFT WITH ROTOR	AISI 416 STAINLESS STEEL X12 CrS13 - UNI 6900/71
16	MECHANICAL SEAL	CARBON/CERAMIC
28	OR GASKET	NBR RUBBER
160	VENTURI DIFFUSER NOZZEL GROUP	TECHNOPOLYMER A

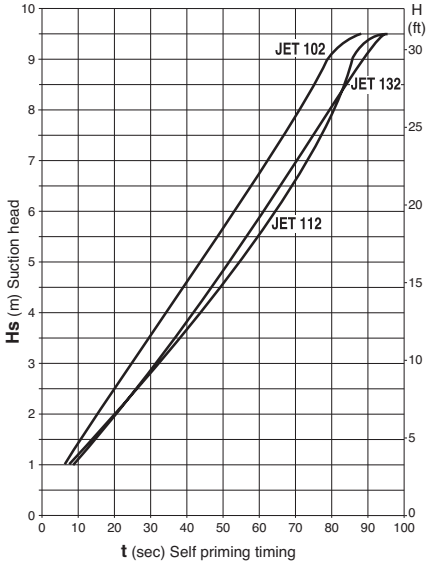
* In contact with liquid



SELF PRIMING CAPACITY





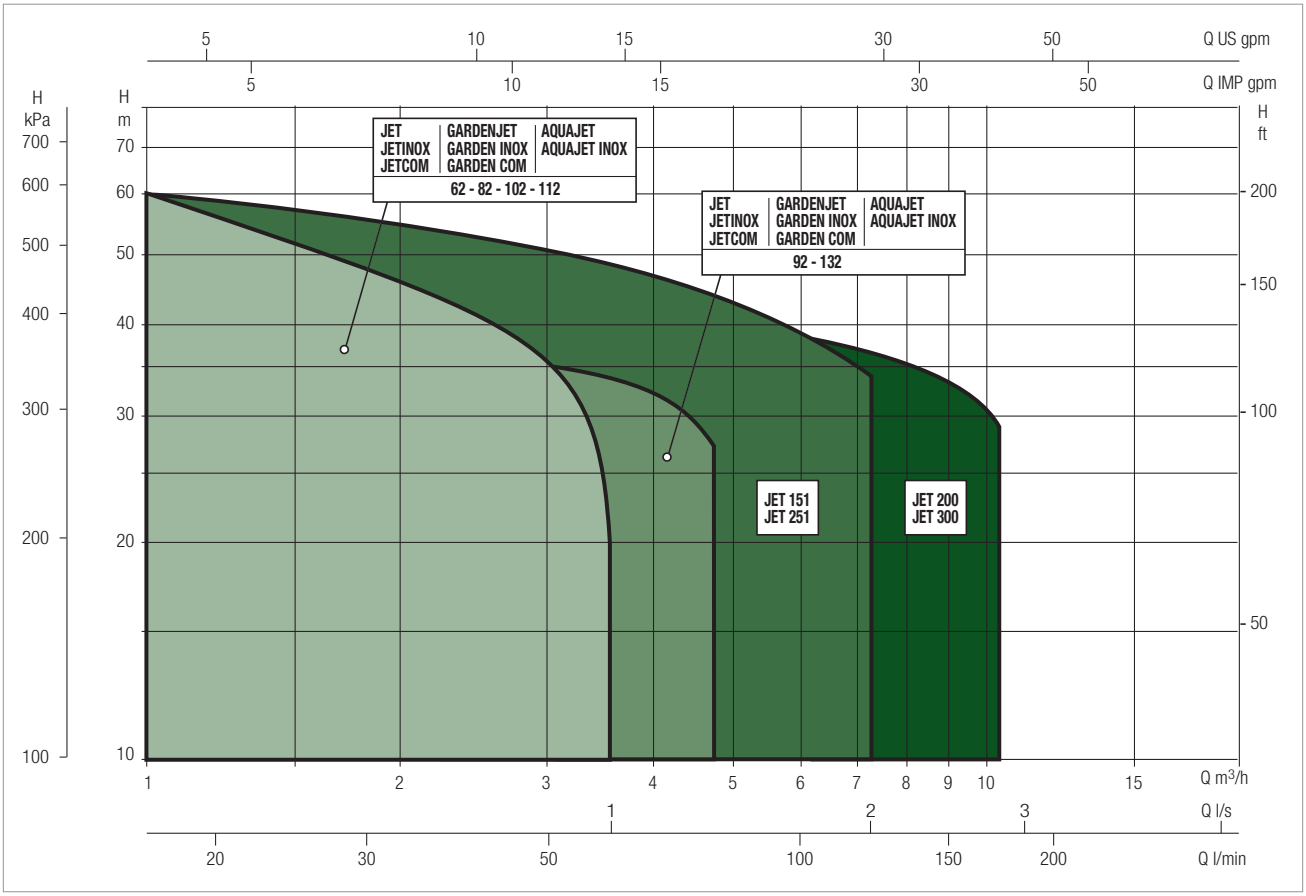


DAB PUMPS reserve the right to make modifications without prior notice

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



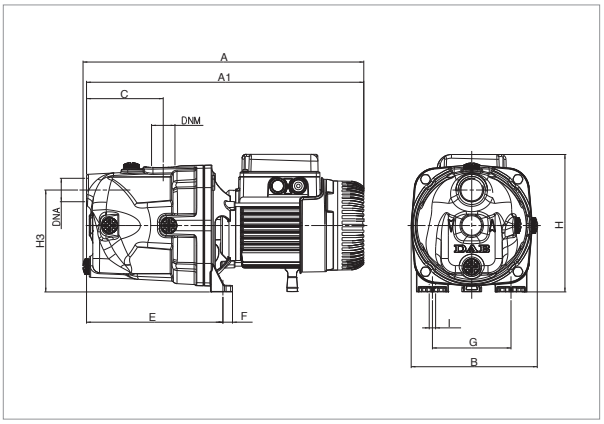
JET SELECTION TABLE

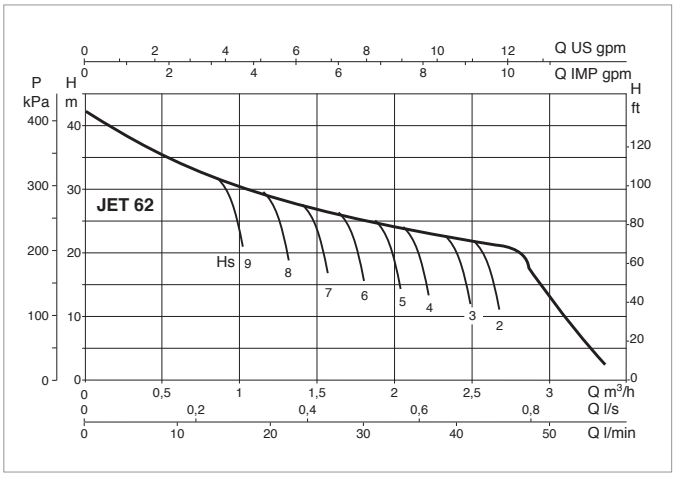
MODEL	Q=m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
	Q=l/min	0	10	20	30	40	50	60	70	80
JET 62 M	H (m)	42	35	29.2	25.6	22.9	21.1			
JET 82 M		47	40	34	30	26.2	23.5	20.3		
JET 82 T		47	40	34	30	26.2	23.5	20.3		
JET 102 M		53.8	47	41	36.3	32.4	28.8	25.8		
JET 102 T		53.8	47	41	36.3	32.4	28.8	25.8		
JET 112 M		61	54	47.8	42.8	38.8	34.8	20		
JET 112 T		61	54	47.8	42.8	38.8	34.8	20		
JET 92 M		36.2	33.5	31	28.4	26	24	21.8	19.6	17
JET 132 M		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2
JET 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

JET 62 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





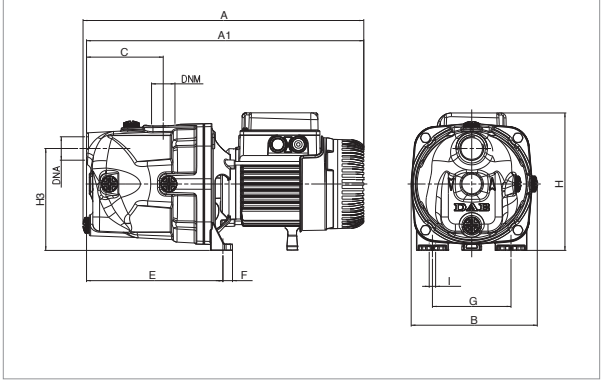
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

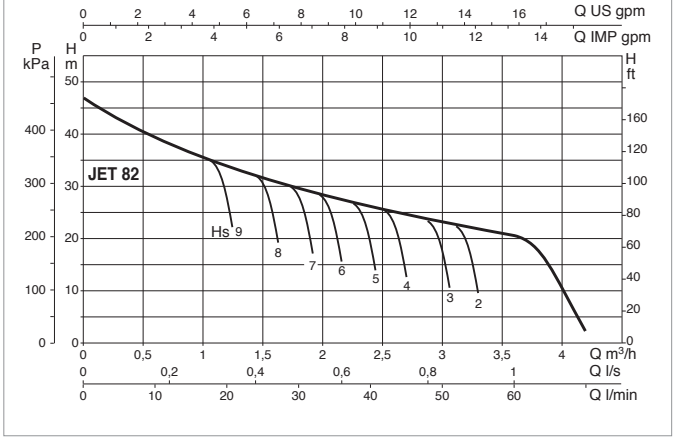
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 62 M	1x220-240 V ~	0.72	0.44	0.6	3.12	12.5	450

MODEL	A	A1	B	C	E	F	G	H	H3	I Ø	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
JET 62	395	390	178	108	192	14	111	193	144	9	1"	1"	470	240	240	0.022	10.5

JET 82 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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.

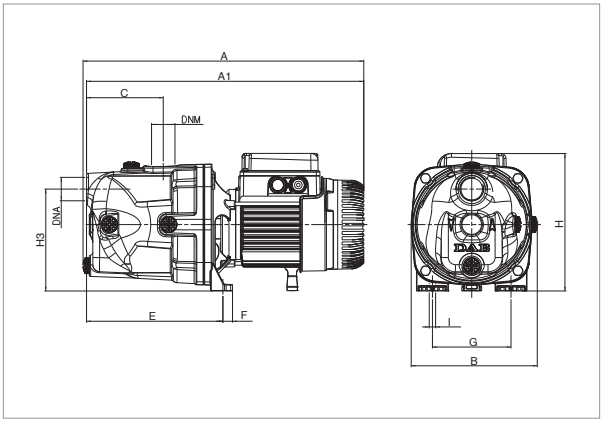
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 82 M	1x220-240 V ~	0.85	0.6	0.8	3.8	12.5	450
JET 82 T	3x230-400 V ~	0.86	0.6	0.8	2.8-1.6	–	–

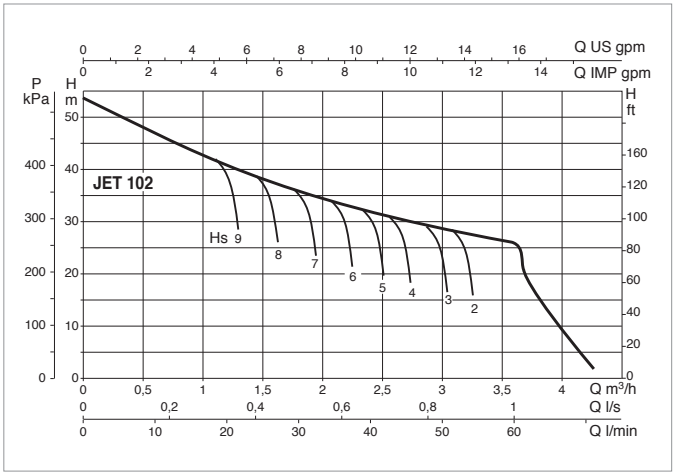
MODEL	A	A1	B	C	E	F	G	H	H3	I Ø	DNA GAS	DNA GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
JET 82	395	395	178	108	192	14	111	193	144	9	1"	1"	470	240	240	0.022	10.7

DAB PUMPS reserve the right to make modifications without prior notice

JET 102 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





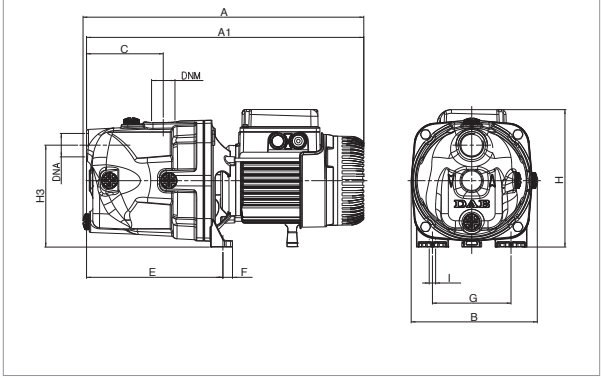
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

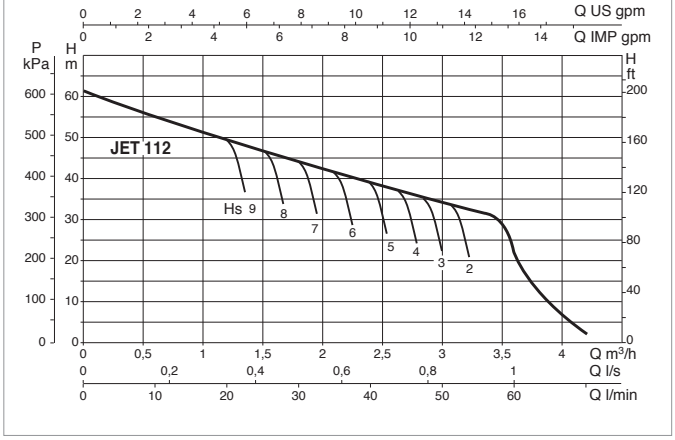
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 102 M	1x220-240 V ~	1.13	0.75	1	5.1	16	450
JET 102 T	3x230-400 V ~	1.04	0.75	1	3.3-1.9	–	–

MODEL	A	A1	B	C	E	F	G	H	H3	I Ø	DNA GAS	DNA GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
JET 102	414	409	178	108	197	14	111	203	144	9	1"	1"	470	240	240	0.022	12.5

JET 112 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





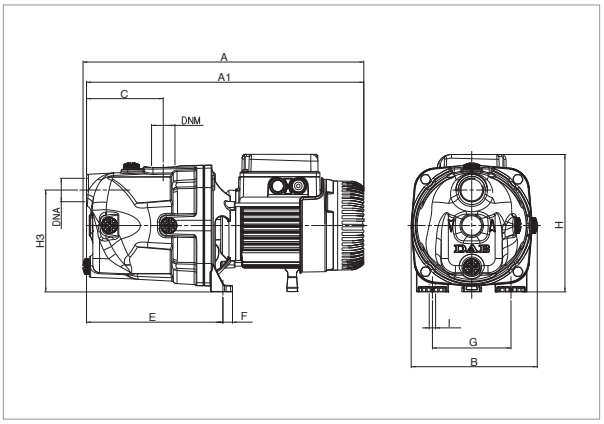
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

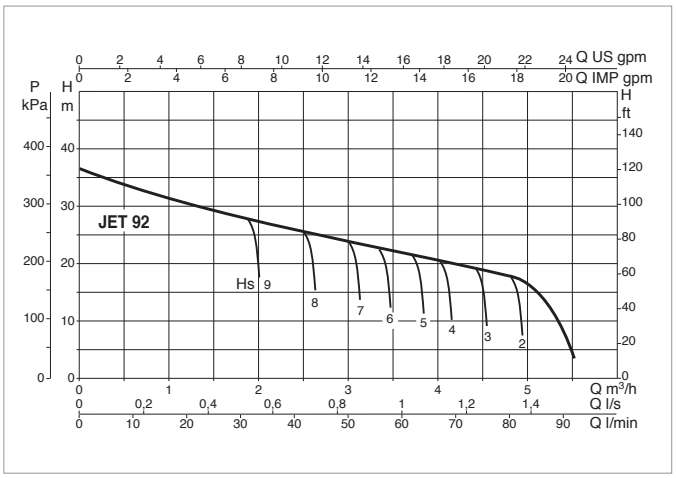
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 112 M	1x220-240 V ~	1.4	1	1.36	6.2	25	450
JET 112 T	3x230-400 V ~	1.35	1	1.36	4.3-2.5	–	–

MODEL	A	A1	B	C	E	F	G	H	H3	I Ø	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
JET 112 M	414	409	178	108	192	14	111	203	144	9	1"	1"	470	240	240	0.022	13.5
JET 112 T	430	409	178	108	192	14	111	203	144	9	1"	1"	470	240	240	0.022	15.1

JET 92 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





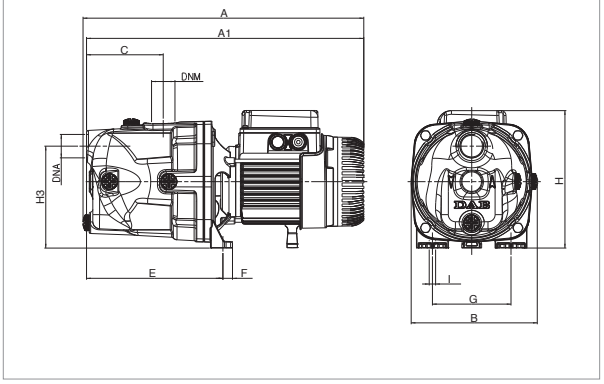
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

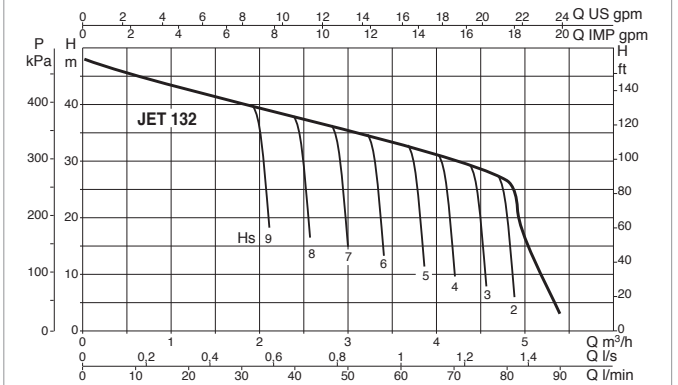
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 92 M	1x220-240 V ~	0.94	0.75	1	4.2	14	450

MODEL	A	A1	B	C	E	F	G	H	H3	I Ø	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
JET 92	395	390	178	108	192	14	111	193	144	9	1"	1"	470	240	240	0.022	11.7

JET 132 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





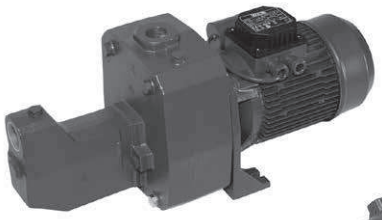
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 132 M	1x220-240 V ~	1.49	1	1.36	6.6	25	450
JET 132 T	3x230-400 V ~	1.43	1	1.36	4.7-2.7	–	--

MODEL	A	A1	B	C	E	F	G	H	H3	I Ø	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
JET 132 M	414	409	263	108	192	14	111	203	144	9	1"	1"	470	240	240	0.022	13.5
JET 132 T	430	409	263	108	192	14	111	203	144	9	1"	1"	470	240	240	0.022	15.1

JET 151-251-200-300

SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS



JET 151-251

JET 200-300

TECHNICAL DATA

Operating range:
from 0.4 to 10.5 m^3/h with head up to 62 metres.
Liquid quality requirements: clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral, close to the properties of water.
Liquid temperature range:
for domestic use: from 0°C to +35°C (EN 60335-2-41)
for other use: from 0°C to +40°C
Maximum ambient temperature: +40°C
Maximum operating pressure: 8 bar (800 kPa)
Installation: fixed in a horizontal position.
Special executions on request: different frequencies and/or voltage.
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

Cast-iron motor support and pump body.
Impeller, diffuser, venturi tube and sand guard in technopolymer
Twin impeller on the JET 151 and 251 versions.
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).

DAB PUMPS reserve the right to make modifications without prior notice

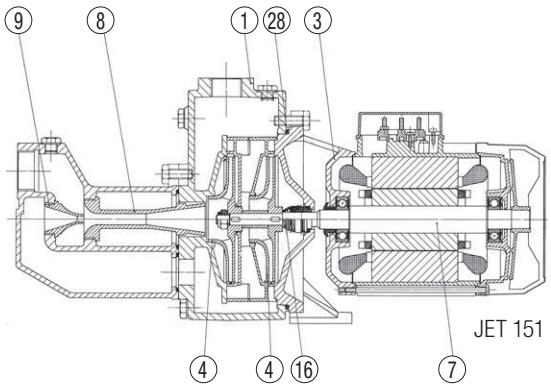
JET 151-251-200-300

SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS

MATERIALS

N°	PARTS*	MATERIALS
1	PUMP BODY	GJL 200 UNI EN 1561 CAST IRON
3	FRAME	GJL 200 UNI EN 1561 CAST IRON
4	IMPELLER	PPO-GF 20 (Noryl™)
7	SHAFT WITH ROTOR	AISI 303 STAINLESS STEEL X8CrNiS18-9 UNI EN 10088 (UNI 6900: 71)
8-9	VENTURI DIFFUSER NOZZLE GROUP	PPO-GF 20 (Noryl™)
16	MECHANICAL SEAL	CARBON/CERAMIC
28	OR GASKET	NBR RUBBER

* In contact with liquid

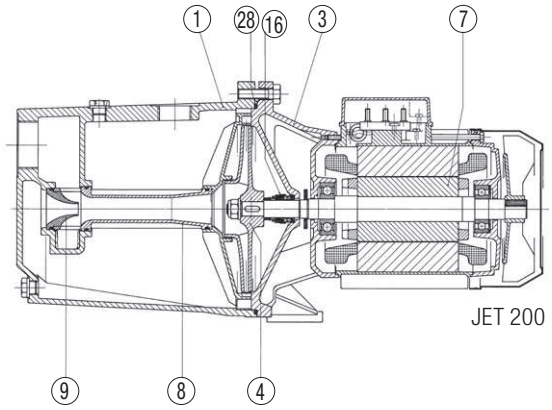


JET 151

MATERIALS

N°	PARTS*	MATERIALS
1	PUMP BODY	GJL 200 UNI EN 1561 CAST IRON
3	FRAME	GJL 200 UNI EN 1561 CAST IRON
4	IMPELLER	PPO-GF 20 (Noryl™)
7	SHAFT WITH ROTOR	AISI 303 STAINLESS STEEL X8CrNiS18-9 UNI EN 10088 (UNI 6900: 71)
8-9	VENTURI DIFFUSER NOZZLE GROUP	PPO-GF 20 (Noryl™)
16	MECHANICAL SEAL	CARBON/CERAMIC
28	OR GASKET	NBR RUBBER

* In contact with liquid



JET 200

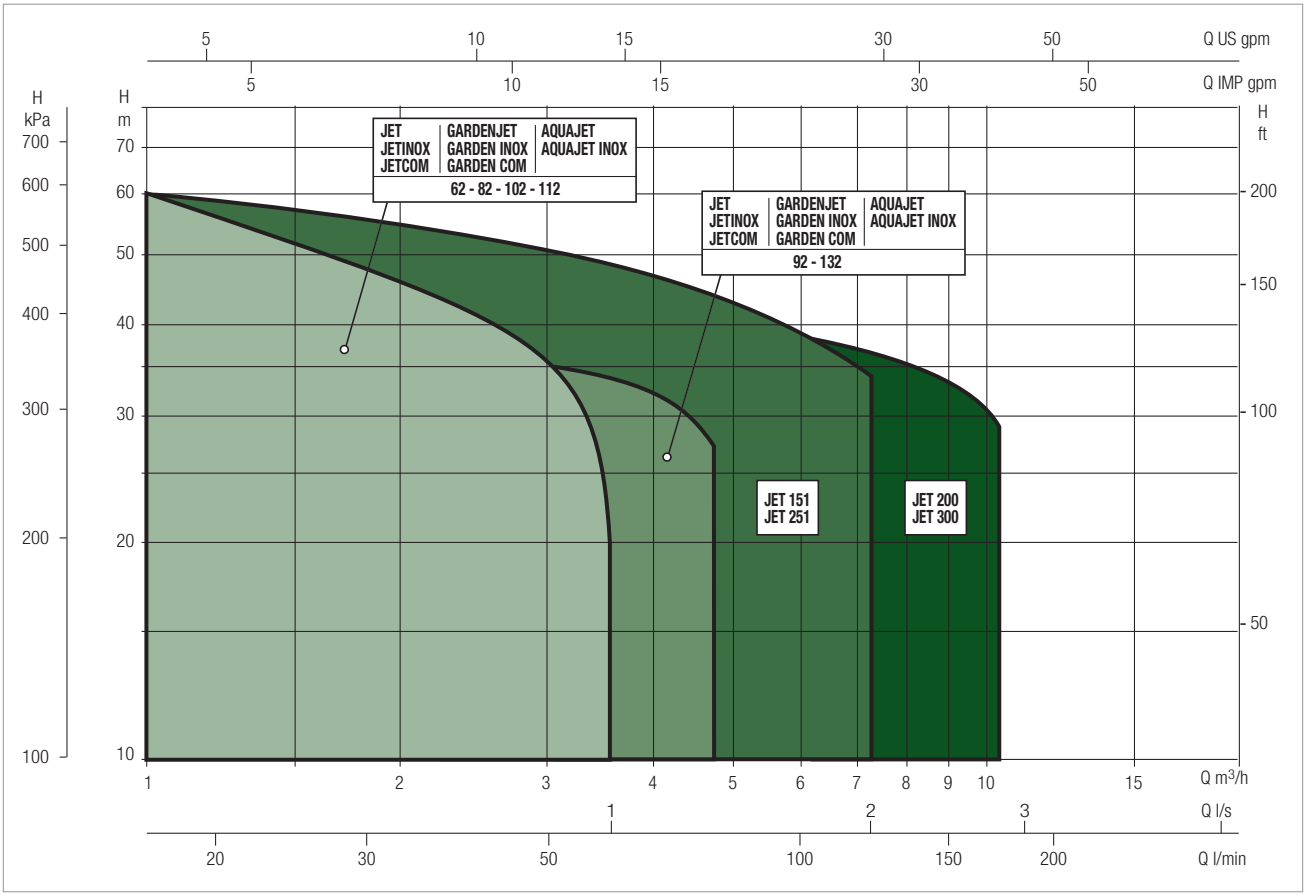
JET 151-251-200-300

SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS

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



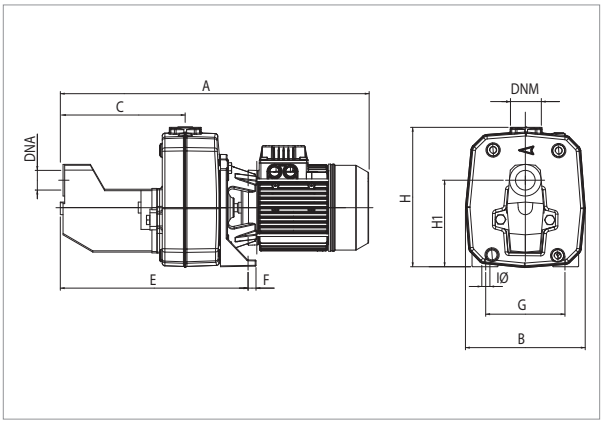
SELECTION TABLE - JET 151-251-200-300

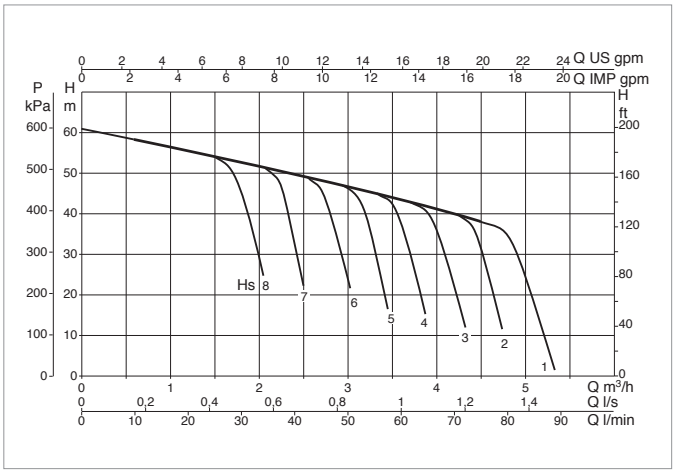
MODEL	Q=m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	6	7.2	9	9.6	10.5
	Q=l/min	0	10	20	30	40	50	60	70	80	100	120	150	160	175
JET 151 M	H (m)	61	58.2	56	53	50	46	43	36						
JET 151 T		61	58.2	56	53	50	46	43	36						
JET 251 M		62	60	58	56	54	51	48.5	46	43.5	39	34.2			
JET 251 T		62	60	58	56	54	51	48.5	46	43.5	39	34.2			
JET 200 M		41			37.5	36.5	35.2	34	33	31.8	29.5	27.2	24	22.8	21.3
JET 200 T		41			37.5	36.5	35.2	34	33	31.8	29.5	27.2	24	22.8	21.3
JET 300 M		51			48	47	46	44.5	43	42	40	37	33	32	29
JET 300 T		51			48	47	46	44.5	43	42	40	37	33	32	29

DAB PUMPS reserve the right to make modifications without prior notice

JET 151 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





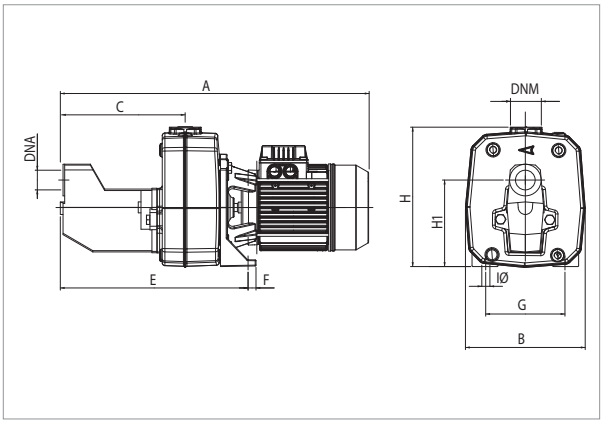
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

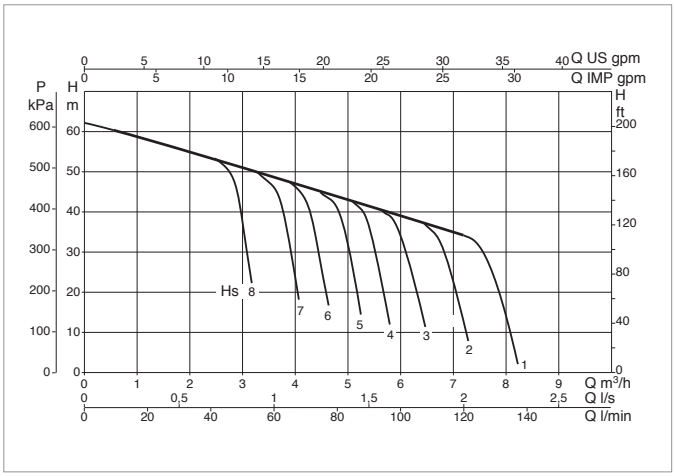
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 151 M	1x220-240 V ~	1.6	1.1	1.5	7.2	31.5	450
JET 151 T	3x230-400 V ~	1.6	1.1	1.5	5.2-3	–	–

MODEL	A	B	C	E	F	G	I Ø	H	H1	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
												L/A	L/B	H		
JET 151	558	210	221	350	20	145	11	255	158	1¼"	1"	612	248	279	0.042	31

JET 251 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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.

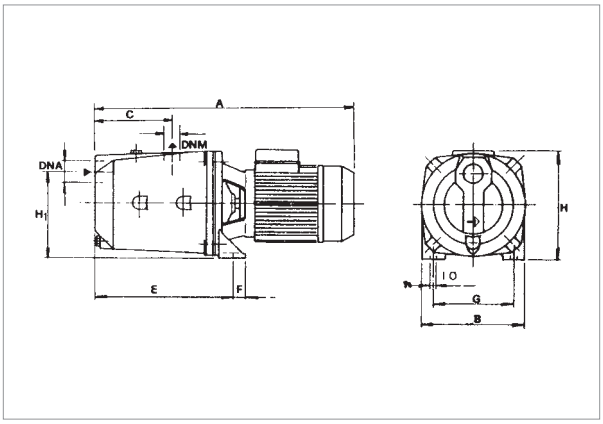
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 251 M	1x220-240 V ~	2	1.85	2.5	10	40	450
JET 251 T	3x230-400 V ~	2	1.85	2.5	6.9-4	–	--

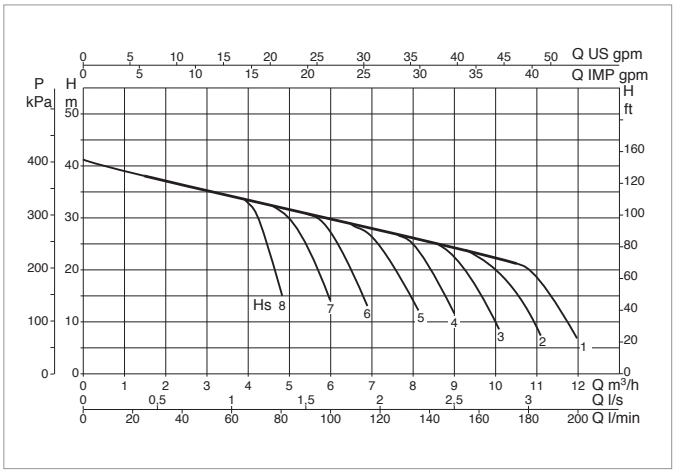
MODEL	A	B	C	E	F	G	I Ø	H	H1	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
												L/A	L/B	H		
JET 251 M	632	210	221	350	20	145	11	255	158	1¼" G	1" G	657	248	279	0.045	35
JET 251 T	558	210	221	350	20	145	11	255	158	1¼" G	1" G	612	248	279	0.042	31

DAB PUMPS reserve the right to make modifications without prior notice

JET 200 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





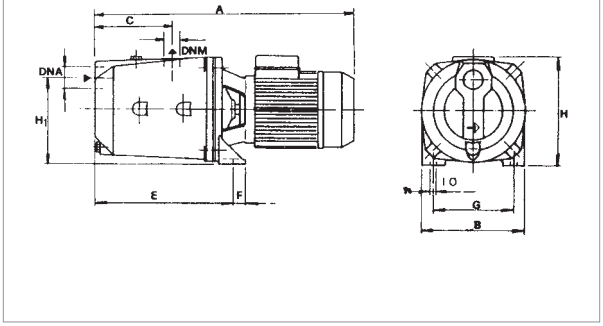
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

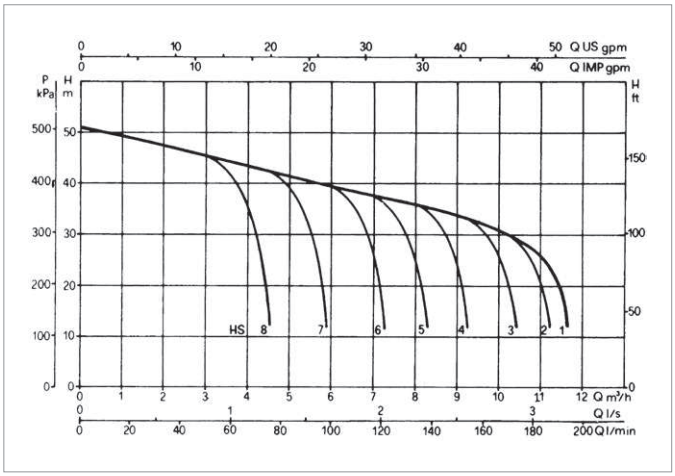
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 200 M	1x220-240 V ~	2.0	1.5	2	9	31.5	450
JET 200 T	3x230-400 V ~	2.0	1.5	2	6.8-3.9	–	–

MODEL	A	B	C	E	F	G	I Ø	H	H1	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
												L/A	L/B	H		
JET 200	521	214	151	282	20	160	11	227	175	1½"	1¼"	612	248	279	0.042	27

JET 300 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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
JET 300 M	1x220-240 V ~	2.7	2.2	3	12	40	450
JET 300 T	3x230-400 V ~	2.7	2.2	3	8.5-4.9	–	--

MODEL	A	B	C	E	F	G	I Ø	H	H1	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
												L/A	L/B	H		
JET 300 M	521	214	151	282	20	160	11	235	175	1½"	1¼"	612	248	279	0.045	31.5
JET 300 T	595	214	151	282	20	160	11	227	175	1½"	1¼"	657	248	279	0.042	30

DAB PUMPS reserve the right to make modifications without prior notice

JETINOX

SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS

TECHNICAL DATA

Operating range:
from 0.4 to 10.5 m^3/h with head up to 62 metres.
Liquid quality requirements: clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral.
Liquid temperature range:
for domestic use: from 0°C to +35°C (EN 60335-2-41)
for other use: from 0°C to +40°C
Maximum suction depth: 8 metres.
Maximum ambient temperature: +50°C
Maximum operating pressure: 8 bar (800 kPa)
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, seal holder cover and wear ring in stainless steel.
Motor support in die cast aluminium.
Impeller, diffuser, venturi tube in technopolymer.
Carbon/ceramic mechanical seal.

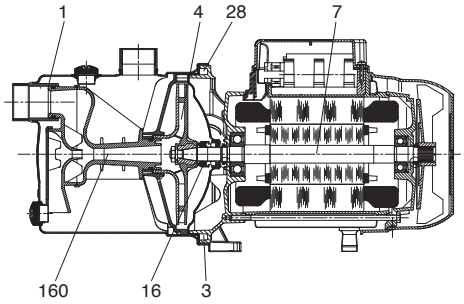
CONSTRUCTIONAL FEATURES OF THE MOTOR

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.
Manufacture pursuant to CEI 2-3 and CEI 61-69 (EN 60335-2-41) standard.

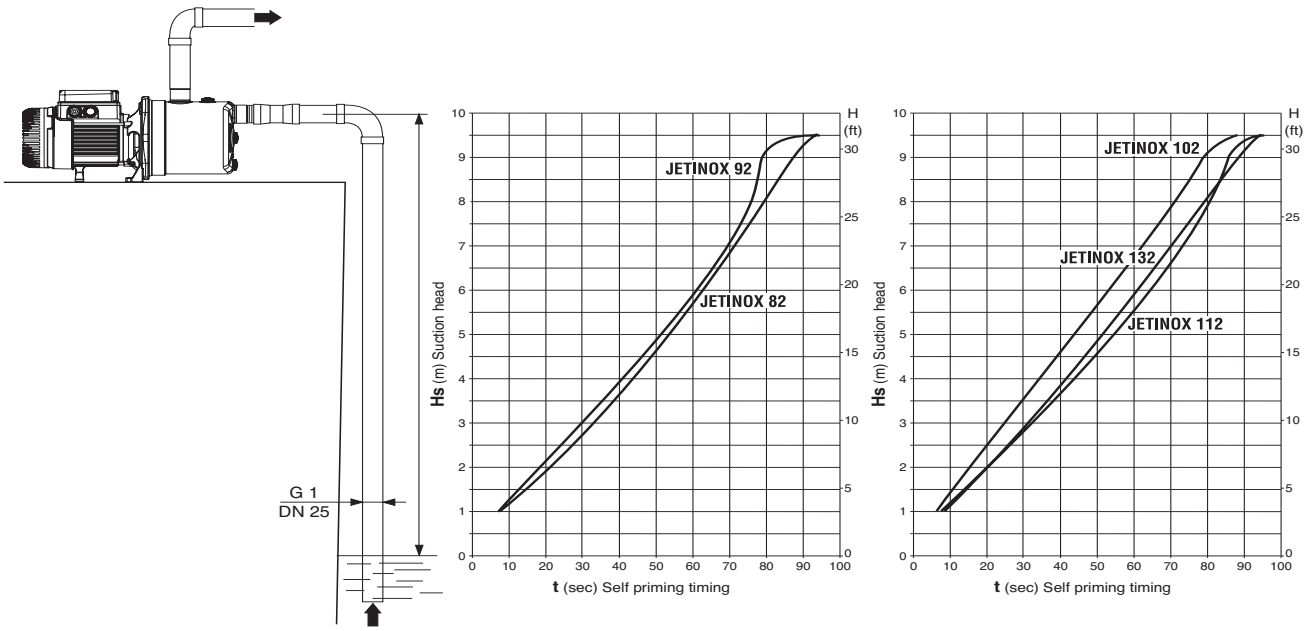
MATERIALS

N°	PARTS *	MATERIALS
1	PUMP BODY	AISI 304 STAINLESS STEEL X5 CRNi 1810 - UNI 6900/71
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



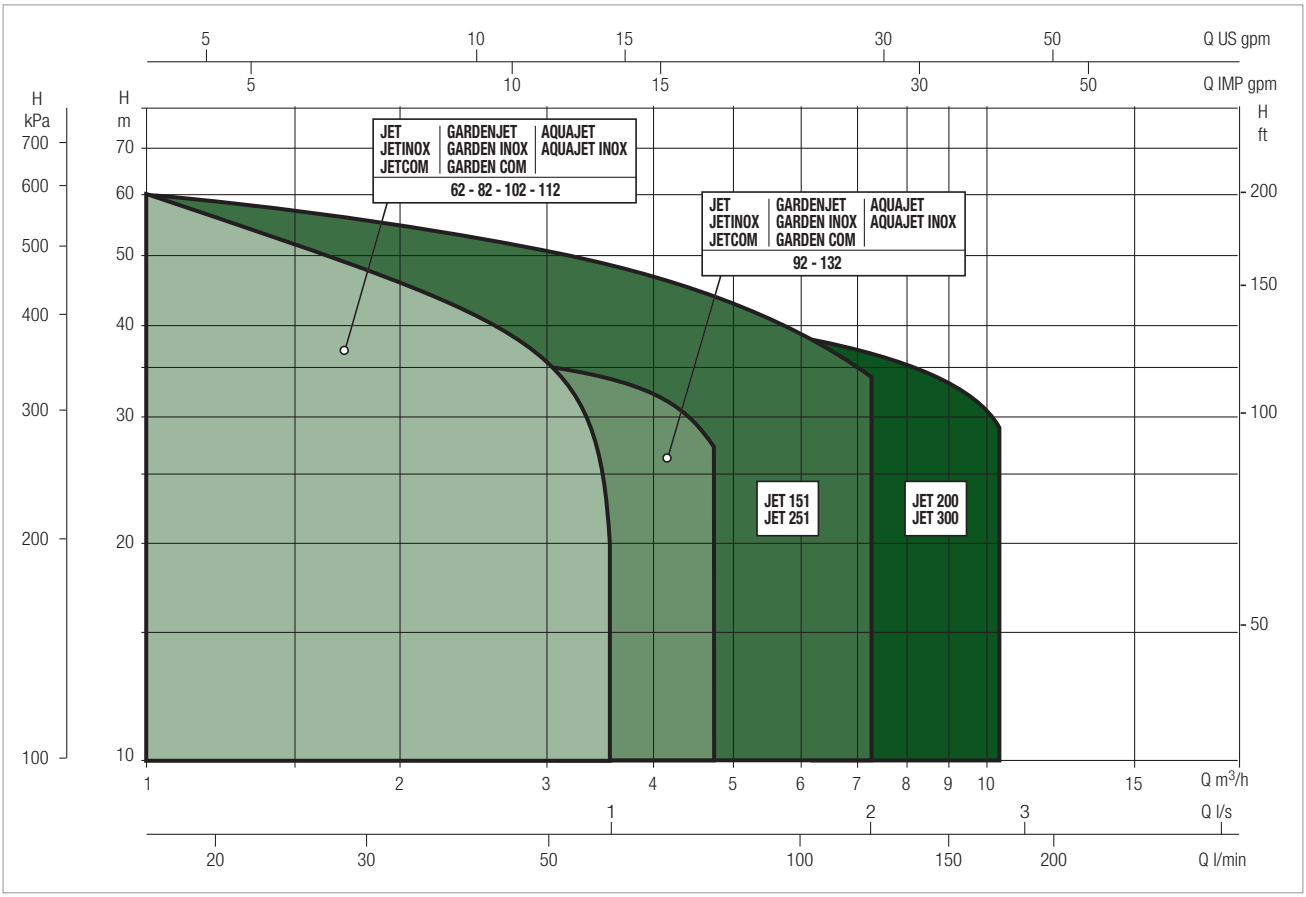
JETINOX

SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS

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

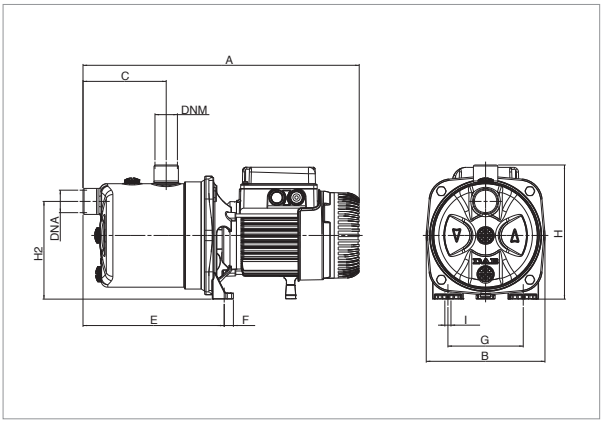


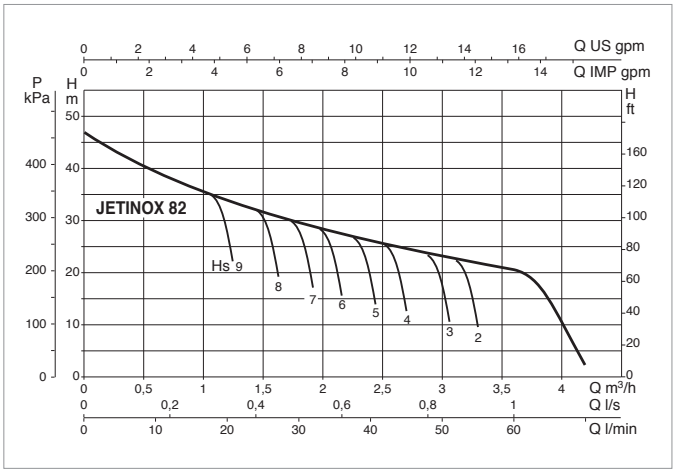
JETINOX SELECTION TABLE

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
JETINOX 82 M	H (m)	47	40	34	30	26.2	23.5	20.3		
JETINOX 82 T		47	40	34	30	26.2	23.5	20.3		
JETINOX 102 M		53.8	47	41	36.3	32.4	28.8	25.8		
JETINOX 102 T		53.8	47	41	36.3	32.4	28.8	25.8		
JETINOX 112 M		61	54	47.8	42.8	38.8	34.8	20		
JETINOX 112 T		61	54	47.8	42.8	38.8	34.8	20		
JETINOX 92 M		36.2	33.5	31	28.4	26	24	21.8	19.6	17.5
JETINOX 132 M		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2
JETINOX 132 T		48.3	45.6	42.8	40	37.6	35	32.5	30	27.2

JETINOX 82 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

Liquid temperature range pumped: from 0 °C to +35 °C - Maximum ambient temperature: +50°C





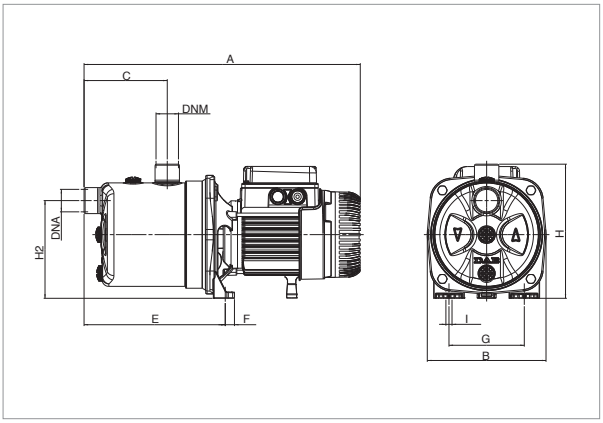
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

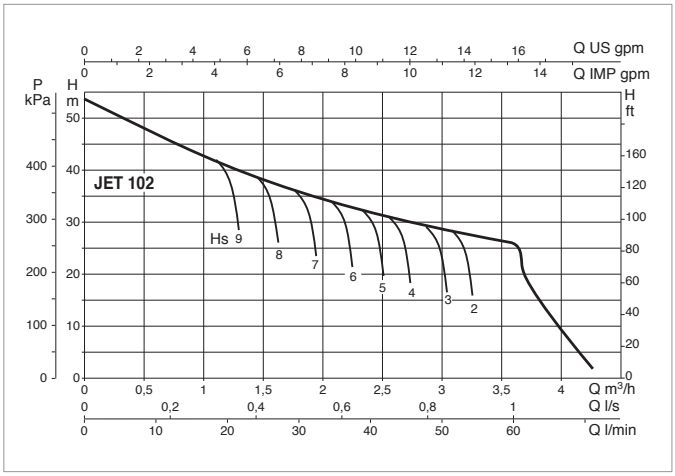
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETINOX 82 M	1x220-240 V ~	0.85	0.6	0.8	3.8	12.5	450
JETINOX 82 T	3x230-400 V ~	0.86	0.6	0.8	2.8-1.6	–	–

MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETINOX 82	406	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	0.027	7.8

JETINOX 102 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

Liquid temperature range pumped: from 0 °C to +35 °C - Maximum ambient temperature: +50°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.

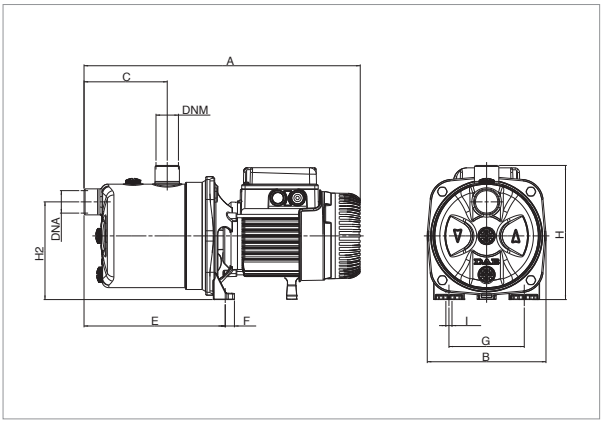
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETINOX 102 M	1x220-240 V ~	1.13	0.75	1	5.1	16	450
JETINOX 102 T	3x230-400 V ~	1.04	0.75	1	3.3-1.9	–	––

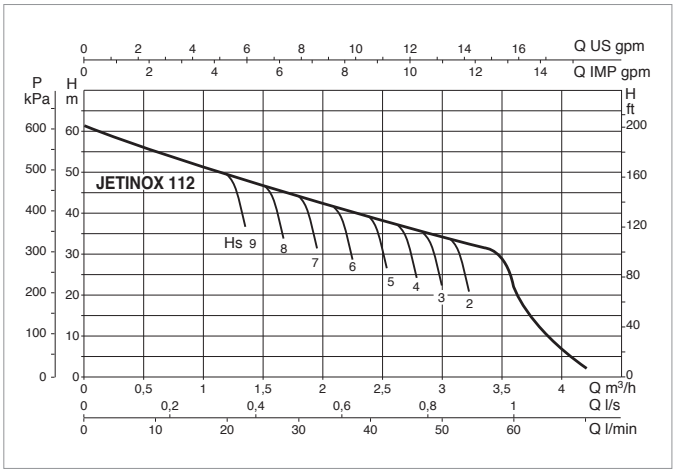
MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETINOX 102	424	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	0.027	9.6

DAB PUMPS reserve the right to make modifications without prior notice

JETINOX 112 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

Liquid temperature range pumped: from 0 °C to +35 °C - **Maximum ambient temperature:** +50°C





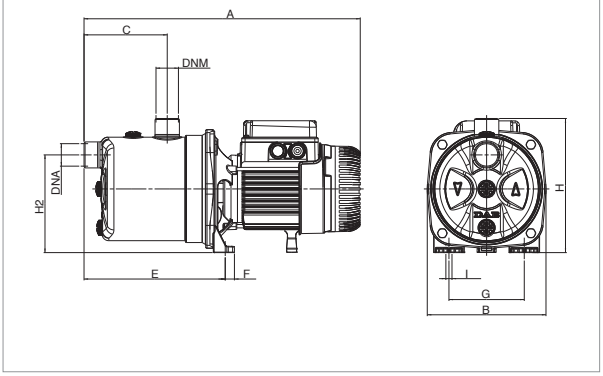
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

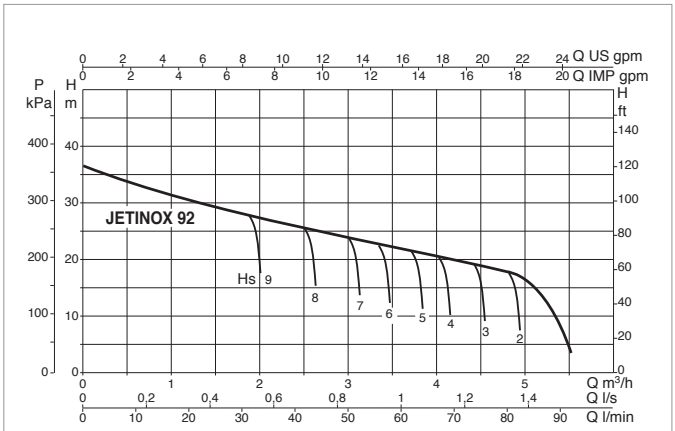
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETINOX 112 M	1x220-240 V ~	1.4	1	1.36	6.2	25	450
JETINOX 112 T	3x230-400 V ~	1.35	1	1.36	4.3-2.5	–	–

MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETINOX 112 M	424	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	0.027	10.6
JETINOX 112 T	440	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	0.027	11.7

JETINOX 92 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

Liquid temperature range pumped: from 0 °C to +35 °C - **Maximum ambient temperature:** +50°C





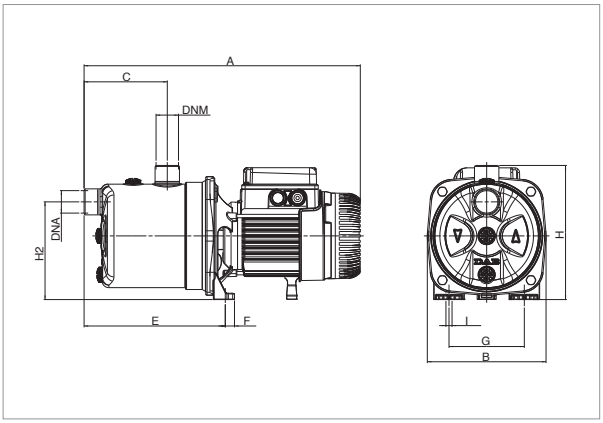
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

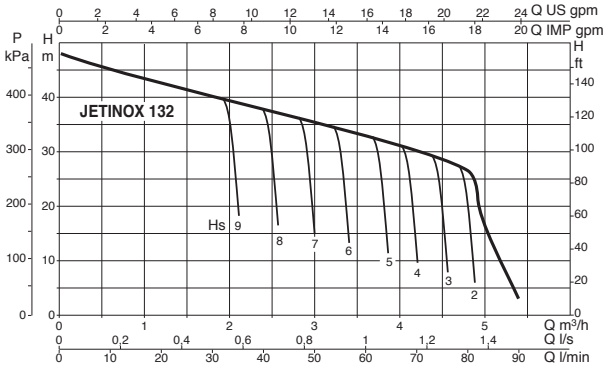
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETINOX 92 M	1x220-240 V ~	0.94	0.75	1	4.2	14	450

MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETINOX 92	406	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	0.027	8.8

JETINOX 132 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

Liquid temperature range pumped: from 0 °C to +35 °C - Maximum ambient temperature: +50°C





The performance curves are based on the kinematic viscosity values = 1 mm^2/s and density equivalent to 1000 kg/m^3. 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
JETINOX 132 M	1x220-240 V ~	1.49	1	1.36	6.6	25	450
JETINOX 132 T	3x230-400 V ~	1.43	1	1.36	4.7-2.7	–	–

MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETINOX 132 M	424	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	0.027	10.6
JETINOX 132 T	440	174	122	207	14	111	197	–	144	9	–	1"	1"	470	240	240	0.027	12.6

JETCOM

SELF-PRIMING CENTRIFUGAL ELECTRIC 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.

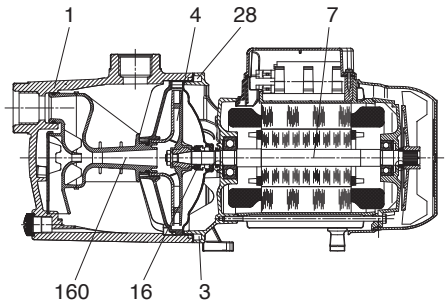
CONSTRUCTIONAL FEATURES OF THE MOTOR

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).

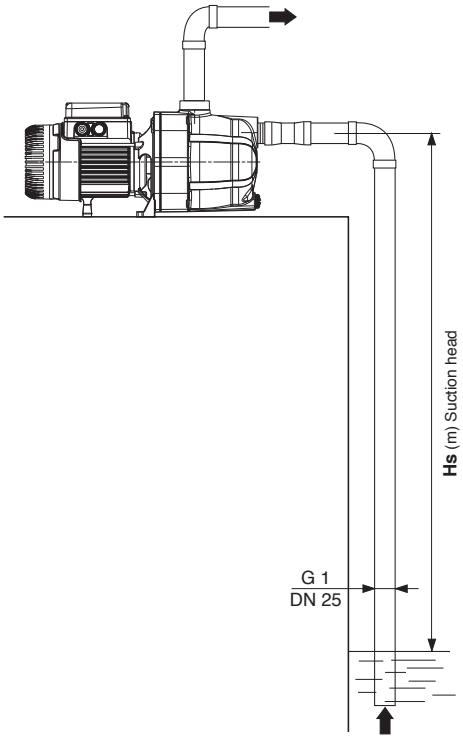
MATERIALS

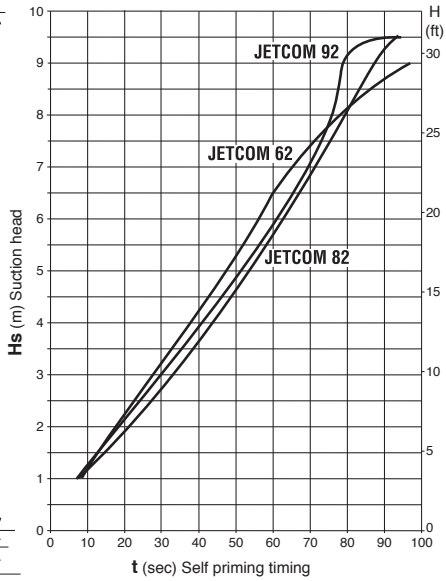
N°	PARTS *	MATERIALS
1	PUMP BODY	TECHNOPOLYMER A
4	IMPELLER	TECHNOPOLYMER A
7	SHAFT WITH ROTOR	AISI 416 STAINLESS STEEL X12 CrS13 - UNI 6900/71
16	MECHANICAL SEAL	CARBON/CERAMIC
28	OR GASKET	NBR RUBBER
36	SEAL HOLDER COVER	AISI 304 STAINLESS STEEL X5 CRNi 1810 - UNI 6900/71
160	VENTURI DIFFUSER NOZZEL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

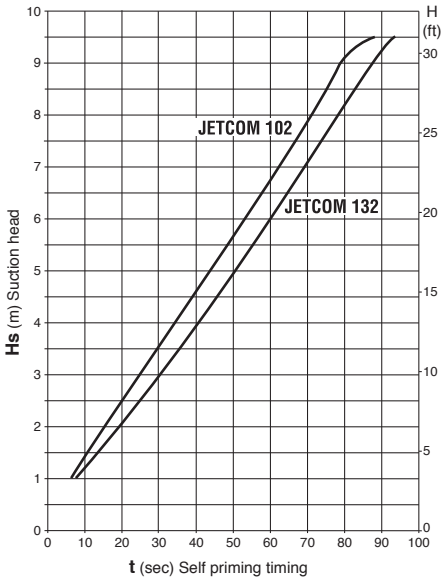
* In contact with liquid



SELF PRIMING CAPACITY







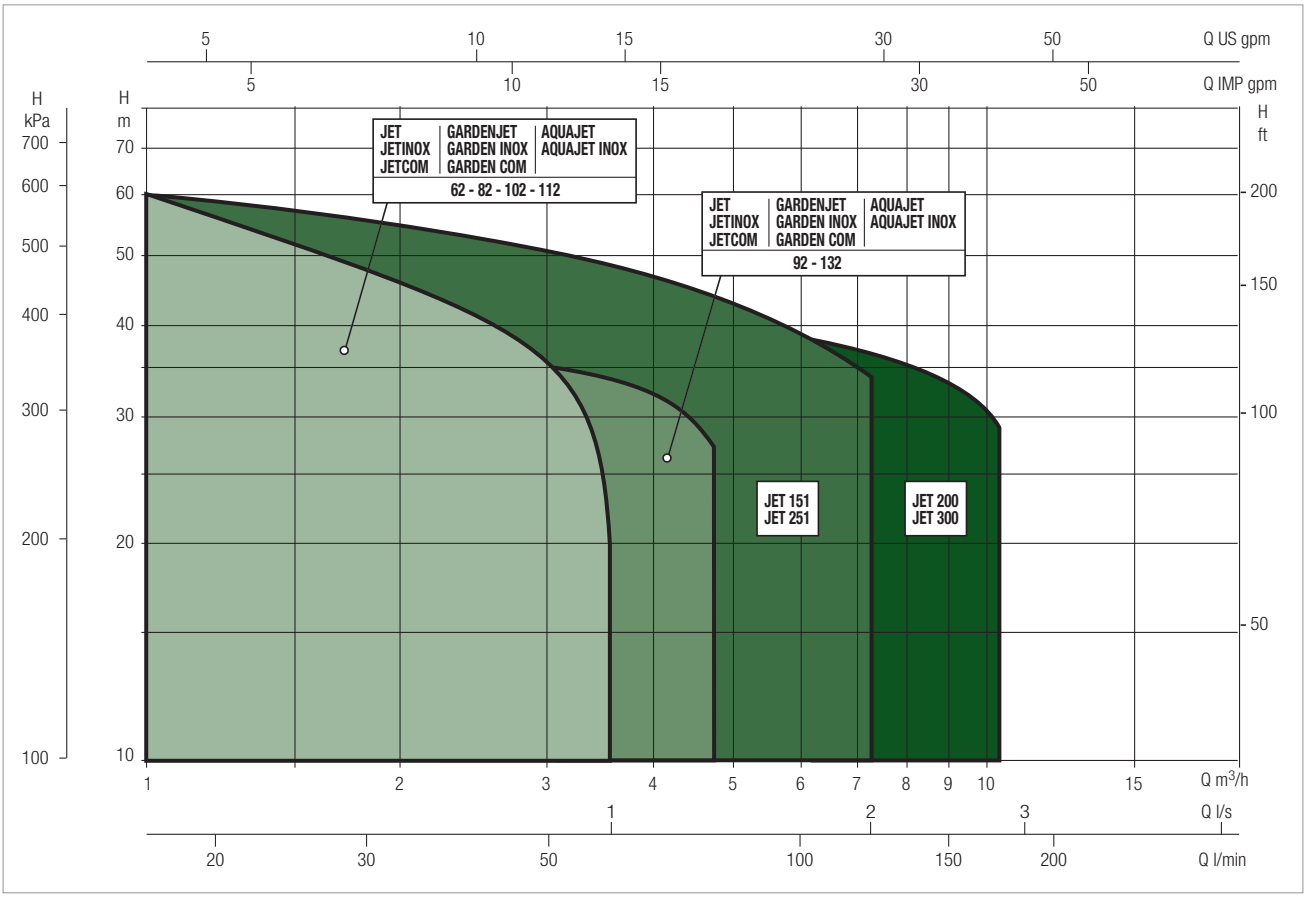
JETCOM

SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS

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

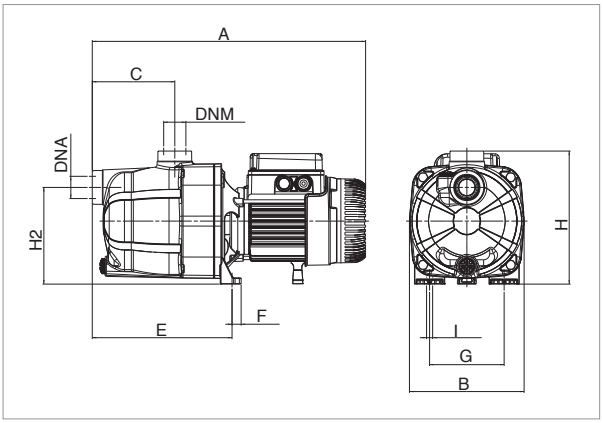


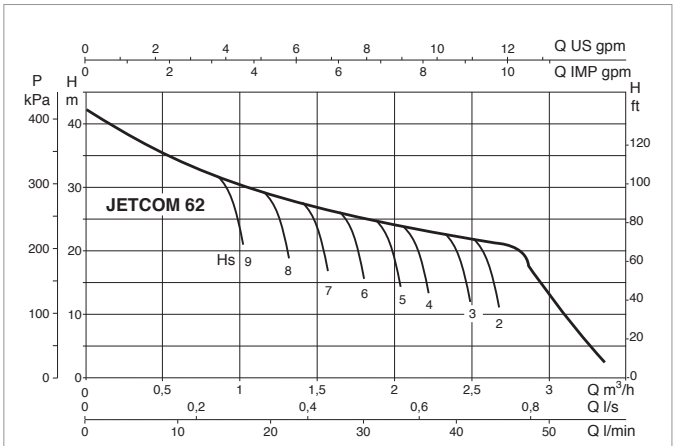
JETCOM SELECTION TABLE

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

JETCOM 62-SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





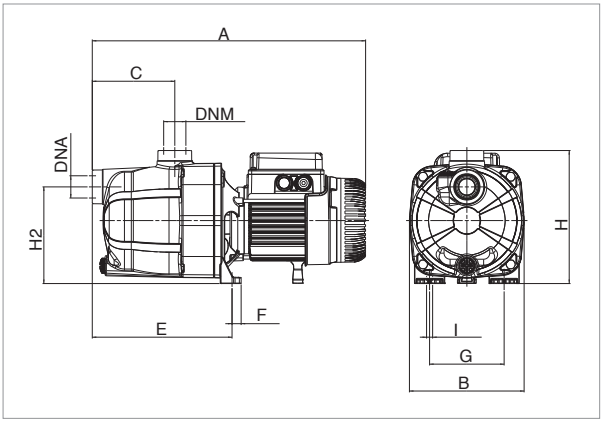
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

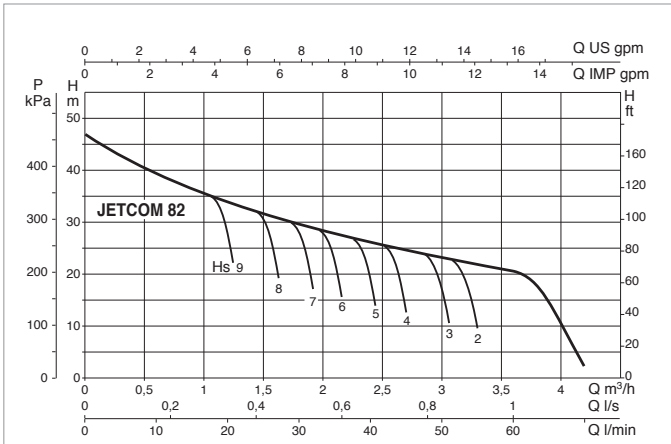
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETCOM 62 M	1x220-240 V ~	0.72	0.44	0.6	3.12	12.5	450

MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETCOM 62	406	170	122	208	14	111	198	–	144	9	–	1"	1"	470	240	240	0.027	7.5

JETCOM 82-SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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.

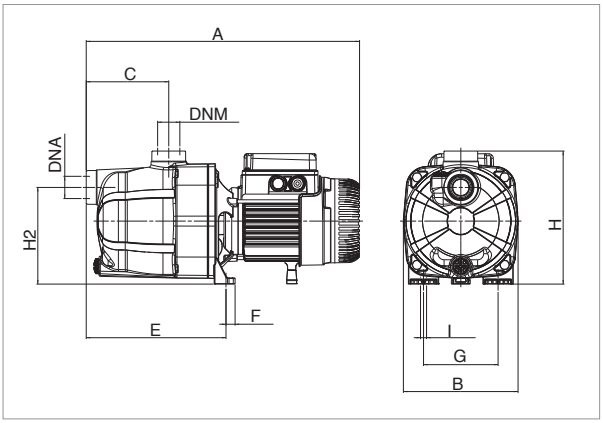
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETCOM 82 M	1x220-240 V ~	0.85	0.6	0.8	3.8	12.5	450

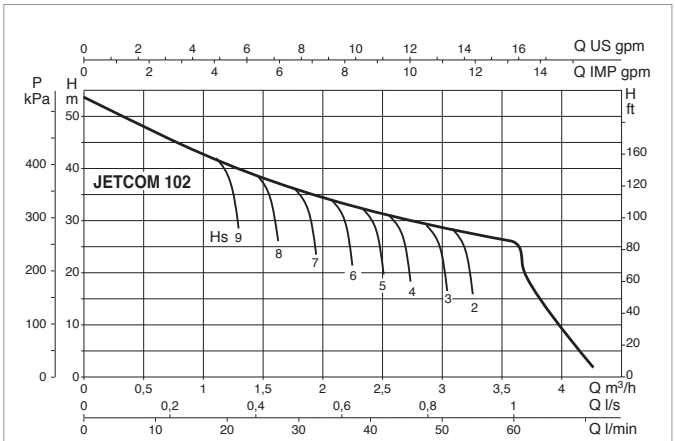
MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETCOM 82	406	170	122	208	14	111	198	–	144	9	–	1"	1"	470	240	240	0.027	7.7

DAB PUMPS reserve the right to make modifications without prior notice

JETCOM 102 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





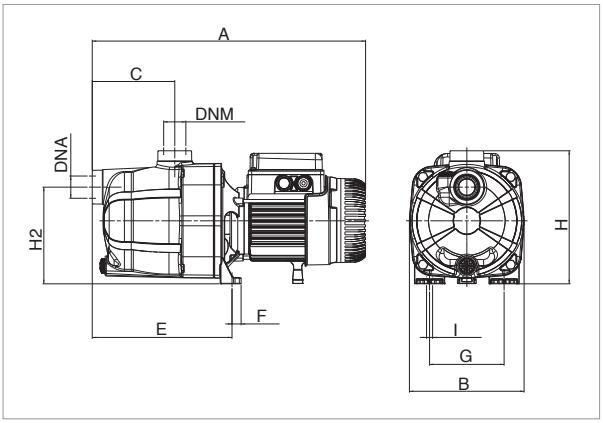
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

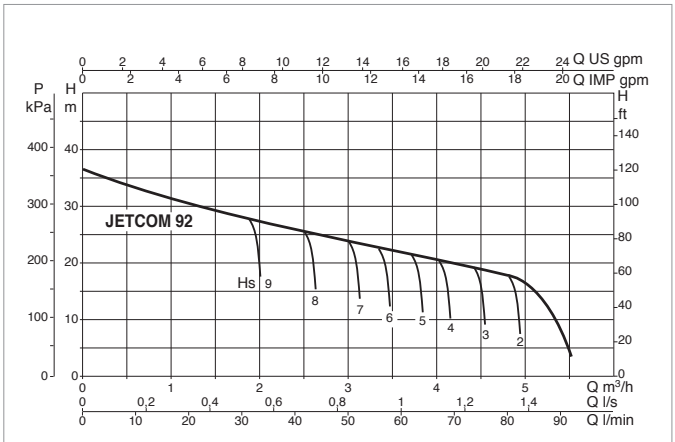
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETCOM 102 M	1x220-240 V ~	1.13	0.75	1	5.1	16	450
JETCOM 102 T	3x230-400 V ~	1.04	0.75	1	3.3-1.9	–	–

MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETCOM 102	425	170	122	208	14	111	203	–	144	9	–	1"	1"	470	240	240	0.027	9.5

JETCOM 92-SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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





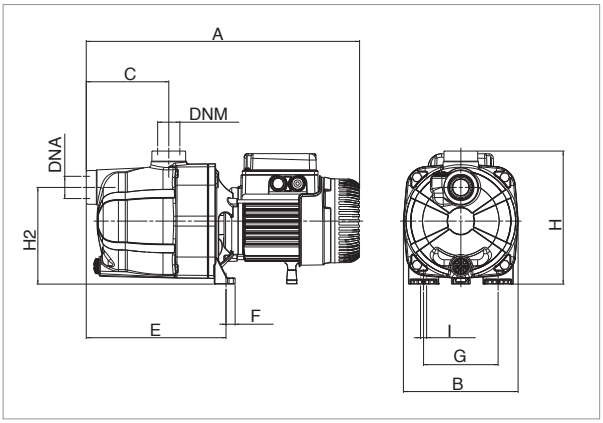
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

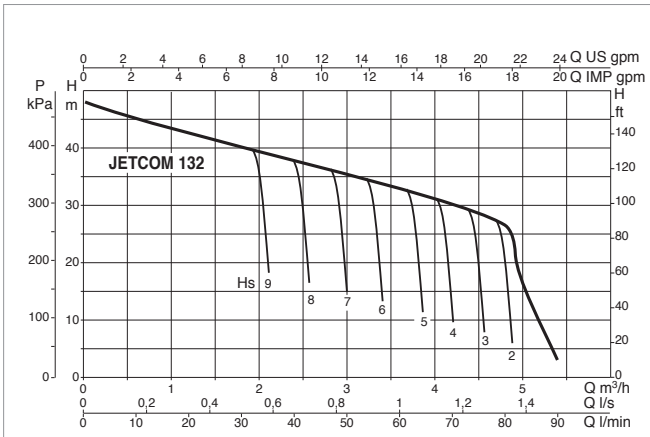
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETCOM 92 M	1x220-240 V ~	0.94	0.75	1	4.2	14	450

MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
														L/A	L/B	H		
JETCOM 92	425	170	122	208	14	111	203	–	144	9	–	1"	1"	470	240	240	0.027	8.7

JETCOM 132 - SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS FOR DOMESTIC WATER SUPPLY

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 mm^2/s and density equivalent to 1000 kg/m^3. 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 132 M	1x220-240 V ~	1.49	1	1.36	6.6	25	450
JETCOM 132 T	3x230-400 V ~	1.43	1	1.36	4.7-2.7	–	–

MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	L	DNA GAS	DNM GAS	PACK 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	12.6