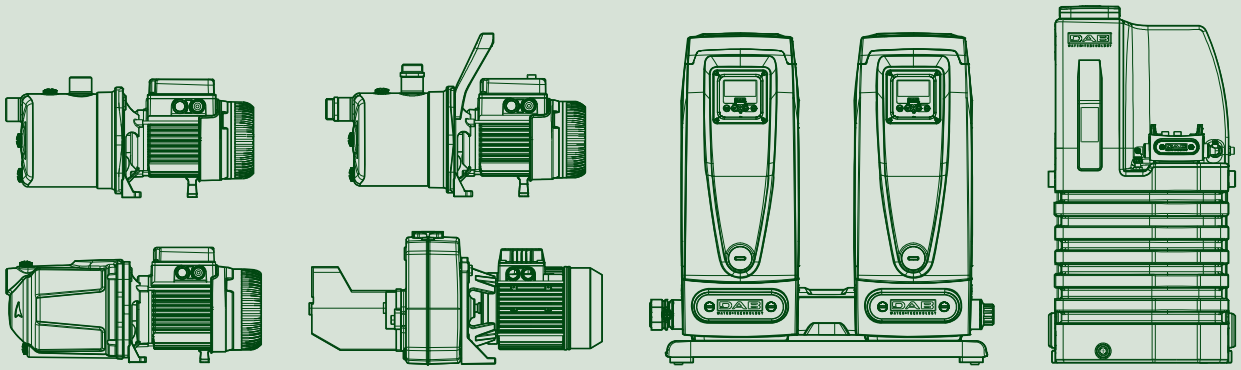
DAB
WATER • TECHNOLOGY

SELF-PRIMING MULTISTAGE CENTRIFUGAL PUMPS



TECHNICAL CATALOGUE

JET - JETINOX - EUROINOX M-P

PREPARED CENTRIFUGAL PUMPS



EUROINOX M-P



JET 151-251 T-P

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: from 0°C to +35°C for domestic use (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

Pump body in cast iron for jet pumps and in stainless steel for the jetinox and euroinox pumps
Motor support in die cast aluminium.
Impeller, diffuser, venturi tube and sand guard in technopolymer
Stainless steel wear ring.
Carbon/ceramic mechanical seal.
SINGLE PHASE VERSION: electric pump set up with pressure gauge, pressure switch, power cord with plug and three-way brass fitting for use when connecting to a tank
THREE-PHASE VERSION: electric pumpa set up with pressure gauge, pressure switch, remote overload protection and three-way brass fitting for use when connecting to a tank

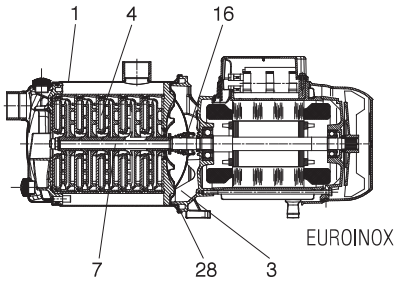
CONSTRUCTIONAL FEATURES OF THE MOTOR

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).

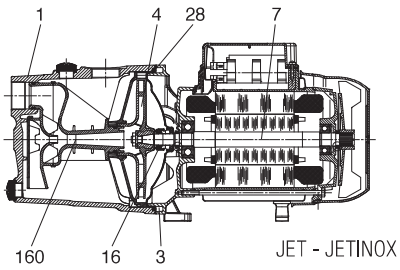
MATERIALS

N°	PARTS *	MATERIALS
1	PUMP BODY	200 UNI ISO 185 CAST IRON (FOR JET)
		AISI 304 STAINLESS STEEL (FOR JETINOX AND EUROINOX)
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



EUROINOX



JET - JETINOX

JET - JETINOX - EUROINOX M-P

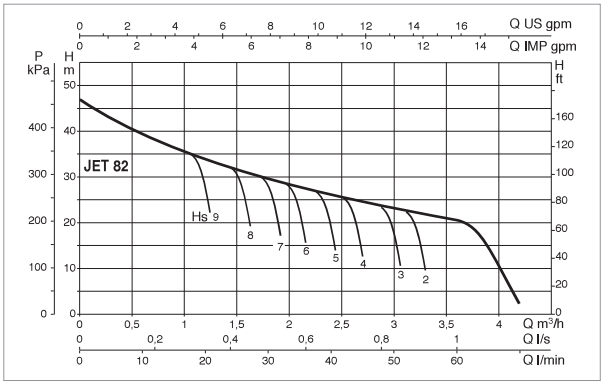
CENTRIFUGAL PUMPS FITTED

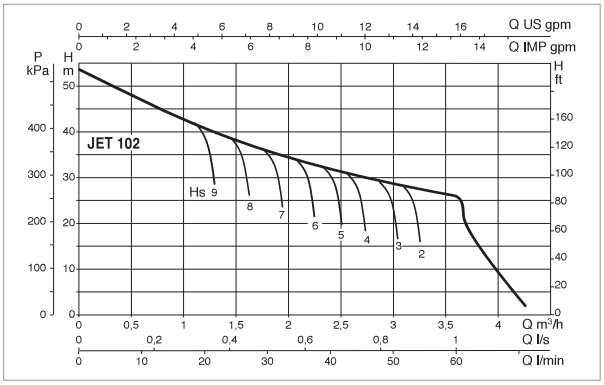
SELECTION TABLE - JET - JETINOX - EUROINOX M-P

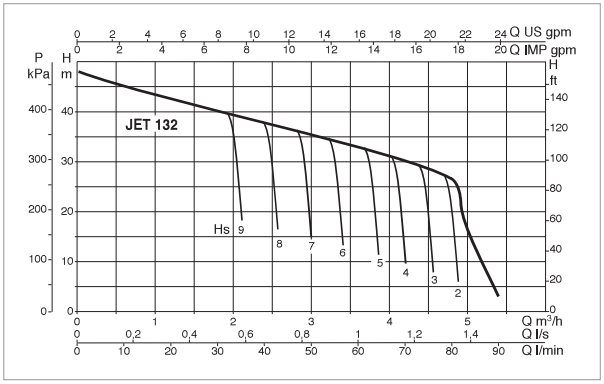
MODEL	Q=m³/h	0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8	6	7,2	9	9,6	10,5
	Q=l/min	0	10	20	30	40	50	60	70	80	100	120	150	160	175
JET 82 M-P	H (m)	47	40	34	30	26,2	23,5	20,3							
JET 102 M-P		53,8	47	41	36,3	32,4	28,8	25,8							
JET 132 M-P		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2					
JETINOX 82 M-P		47	40	34	30	26,2	23,5	20,3							
JETINOX 102 M-P		53,8	47	41	36,3	32,4	28,8	25,8							
JETINOX 132 M-P		48,3	45,6	42,8	40	37,6	35	32,5	30	27,2					
JET 200 M-P		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3
JET 200 T-P		41			37,5	36,5	35,2	34	33	31,8	29,5	27,2	24	22,8	21,3
JET 300 M-P		51			48	47	46	44,5	43	42	40	37	33	32	29
JET 300 T-P		51			48	47	46	44,5	43	42	40	37	33	32	29
JET 151 M-P		61	58,2	56	53	50	46	43	36						
JET 151 T-P		61	58,2	56	53	50	46	43	36						
JET 251 M-P		62	60	58	56	54	51	48,5	46	43,5	39	34,2			
JET 251 T-P		62	60	58	56	54	51	48,5	46	43,5	39	34,2			
EUROINOX 40/30 M-P		57	52,7	47	38,8	29	17,7								
EUROINOX 30/50 M-P		42	40,2	38,2	36,2	33,8	30	24,8	19,5	14					
EUROINOX 40/50 M-P		58	55,3	52,8	50,1	47,1	42,7	35,8	28	19					
EUROINOX 30/80 M-P		47		46,5	45	43,5	41	38	34,5	31	23	12			
EUROINOX 40/80 M-P		59		57	56	54	51	47	43,5	39	29,5	16,5			

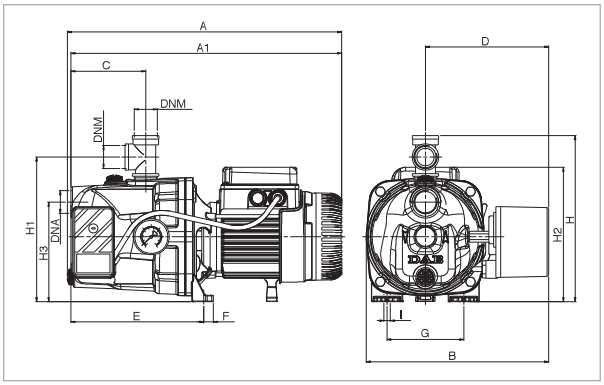
JET 82-102-132-MP - CENTRIFUGAL PUMPS FITTED

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









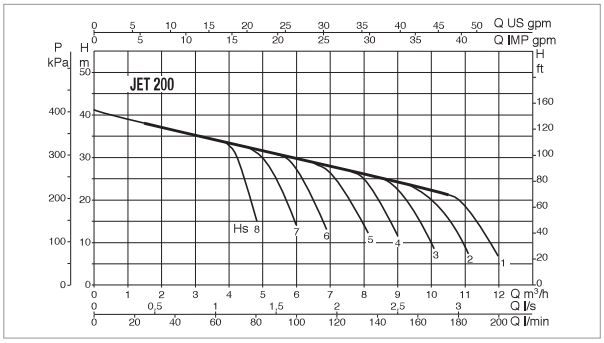
The performance curves on kinematic viscosity values = 1 mm^2/s and equivalent to 1000 kg/m^3. Curve tolerance according to ISO9906.

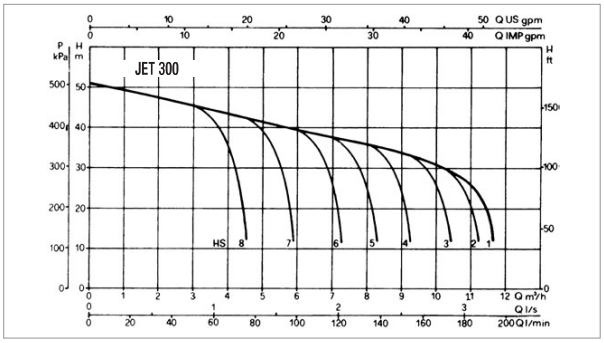
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JET 82 M-P	1x220-400 V ~	0,85	0,6	0,8	3,8	12,5	450
JET 102 M-P	1x220-400 V ~	1,13	0,75	1	5,1	16	450
JET 132 M-P	1x220-400 V ~	1,49	1	1,36	6,6	25	450

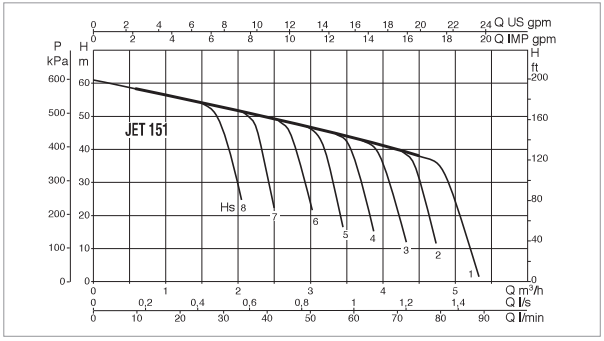
MODEL	A	A1	B	C	D	E	F	G	I Ø	H	H1	H2	H3	I Ø	DNA GAS	DNM GAS	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
																	L/A	L/B	H		
JET 82 M-P	395	390	263	108	177	192	14	111	–	239	209	193	144	9	1"	1"	440	295	235	0,031	12,1
JET 102 M-P	414	390	263	108	177	192	14	111	–	239	209	203	144	9	1"	1"	440	295	235	0,031	13,9
JET 132 M-P	414	390	263	108	177	192	14	111	–	239	209	203	144	9	1"	1"	440	295	235	0,031	14,9

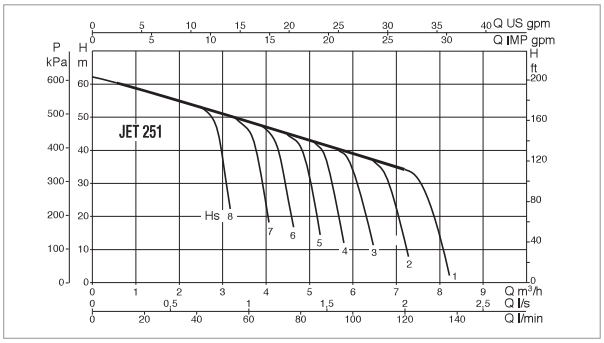
JET 200-300-151-251-MP - CENTRIFUGAL PUMPS FITTED

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

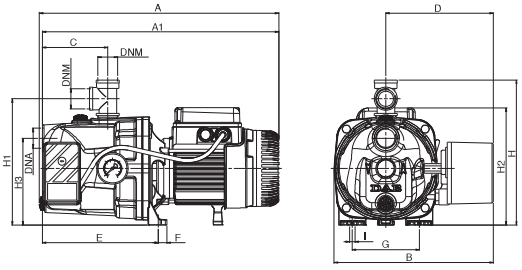








The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

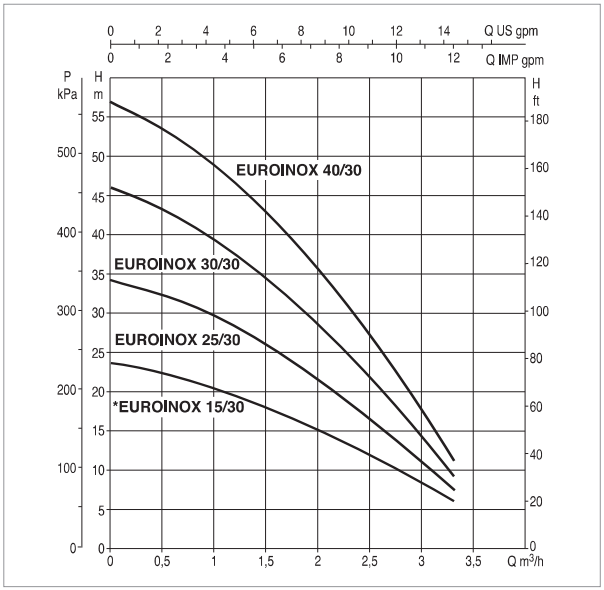


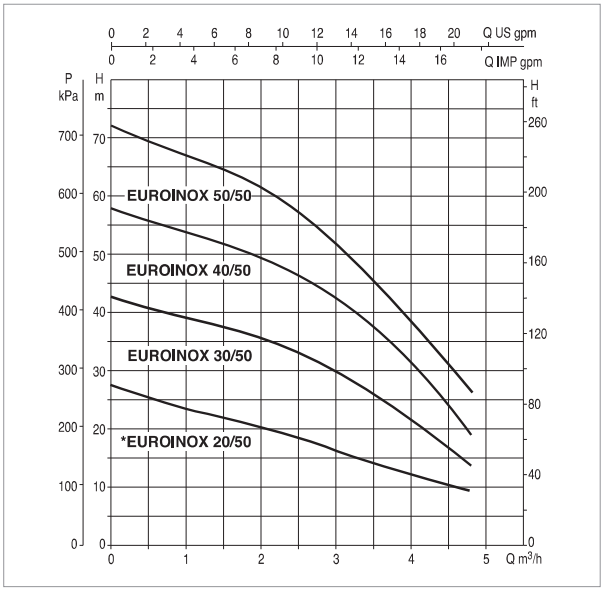
MODEL	ELECTRICAL DATA							
	POWER SUPPLY 50 Hz	MOTOR TYPE	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
				kW	HP		µF	Vc
JET 200 M-P	1x220-240 V ~	–	2	1,5	2	9	31,5	450
JET 200 T-P	3x400 V~	IE3	2,1	1,5	2	6,4-3,7	–	–
JET 200 T-P	3x400 V~	IE2	2	1,5	2	6,8-3,9	–	–
JET 300 M-P	1x220-240 V ~	–	2,7	2,2	3	12	40	450
JET 300 T-P	3x400 V~	IE3	2,5	2,2	3	7,4-4,3	–	–
JET 300 T-P	3x400 V~	IE2	2,5	2,2	3	8,5-4,9	–	–
JET 151 M-P	1x220-240 V ~	–	1,6	1,1	1,5	7,2	31,5	450
JET 151 T-P	3x400 V~	IE3	1,56	1,1	1,5	5,5-3,2	–	–
JET 151 T-P	3x400 V~	IE2	1,6	1,1	1,5	5,2-3	–	–
JET 251 M-P	1x220-240 V ~	–	2,2	1,85	2,5	10	40	450
JET 251 T-P	3x400 V~	IE3	2,1	1,85	2,5	6,4-3,7	–	–
JET 251 T-P	3x400 V~	IE2	2,2	1,85	2,5	6,9-4	–	–

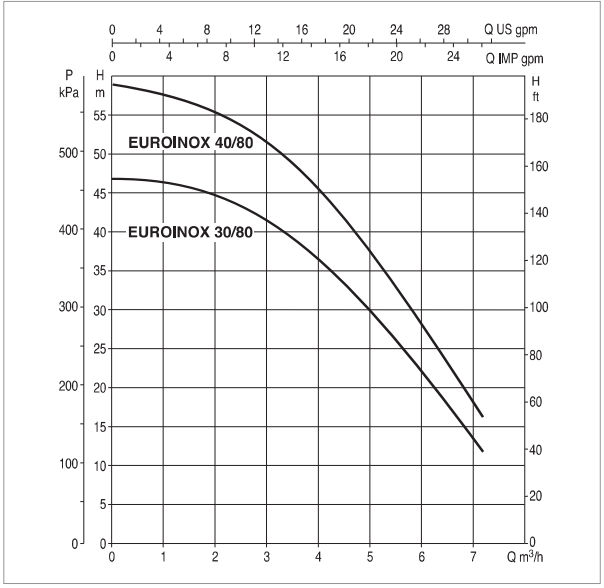
MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	DNA GAS	DNM GAS	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
JET 200 M-P	521	294	151	282	20	160	275	175	–	11	1 ½"	1 ¼"	600	236	267	0,038	27,5
JET 200 T-P	521	294	151	282	20	160	275	175	–	11	1 ½"	1 ¼"	600	236	267	0,038	28
JET 300 M-P	595	294	151	282	20	160	275	175	–	11	1 ½"	1 ¼"	660	236	267	0,042	31,5
JET 300 T-P	521	294	151	282	20	160	275	175	–	11	1 ½"	1 ¼"	600	236	267	0,038	31
JET 151 M-P	558	290	220	367	15	145	305	165	–	11	1 ¼"	1"	600	236	267	0,038	31,5
JET 151 T-P	558	290	220	367	15	145	305	165	–	11	1 ¼"	1"	600	236	267	0,038	33
JET 251 M-P	632	290	220	367	15	145	305	165	–	11	1 ¼"	1"	645	236	267	0,041	36
JET 251 T-P	558	290	220	367	15	145	305	165	–	11	1 ¼"	1"	600	236	267	0,038	34

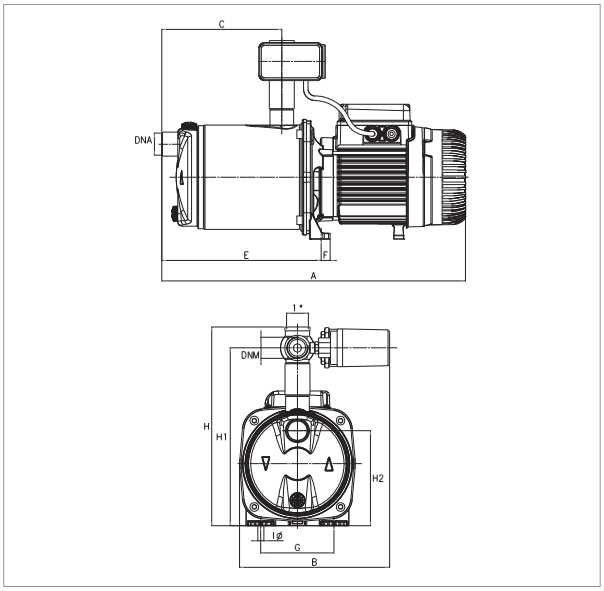
EUROINOX 30-50-80-MP - CENTRIFUGAL PUMPS FITTED

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









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.

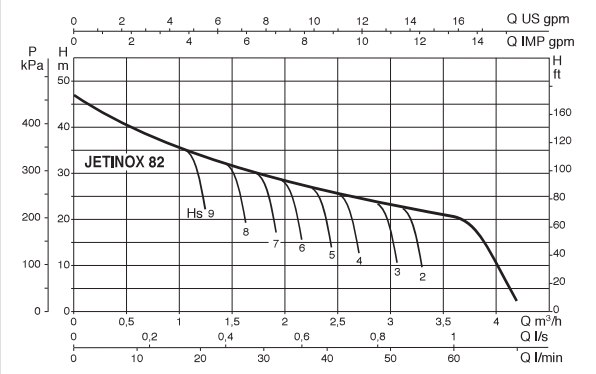
MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
EUROINOX 40/30 M-P	1x220-240 V~	0,88	0,55	0,75	3,9	12,5	450
EUROINOX 30/50 M-P	1x220-240 V~	0,88	0,55	0,75	3,9	12,5	450
EUROINOX 40/50 M-P	1x220-240 V~	1,2	0,8	1,1	5,3	25	450
EUROINOX 30/80 M-P	1x220-240 V~	1,2	0,75	1	5,2	25	450
EUROINOX 40/80 M-P	1x220-240 V~	1,48	1	1,36	6,3	25	450

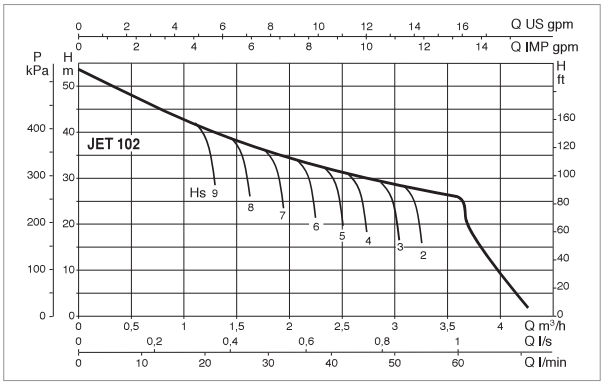
MODEL	A	B	C	E	F	G	H	H1	H2	I Ø	DNA GAS	DNM GAS	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
EUROINOX 40/30 M-P	439	226	108	241	13,5	111	300	268	143	9	1"	1"	-	-	-	-	15,5
EUROINOX 30/50 M-P	384	226	108	186	13,5	111	300	268	143	9	1"	1"	-	-	-	-	11,4
EUROINOX 40/50 M-P	458	226	108	241	13,5	111	300	268	143	9	1"	1"	-	-	-	-	14,5
EUROINOX 30/80 M-P	458	226	108	241	13,5	111	300	268	143	9	1"	1"	-	-	-	-	14,5
EUROINOX 40/80 M-P	458	226	108	241	13,5	111	300	268	143	9	1"	1"	-	-	-	-	17,5

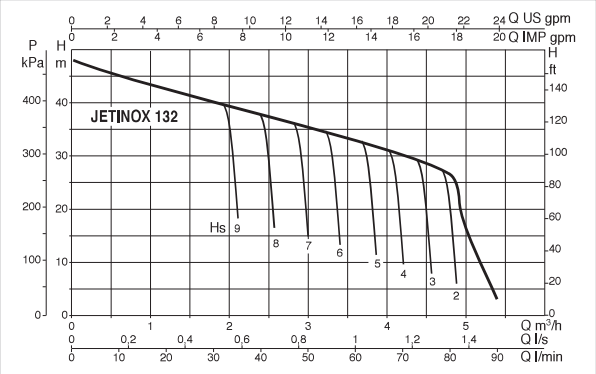
DAB PUMPS reserve the right to make modifications without prior notice

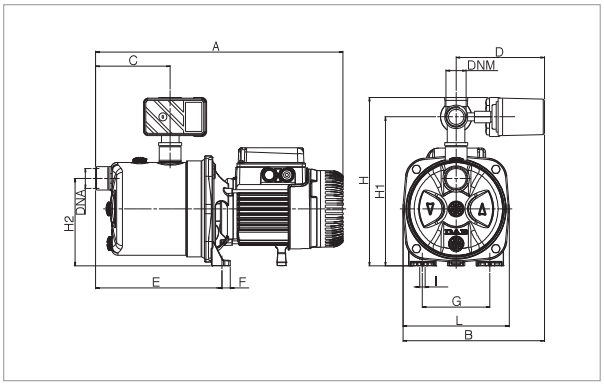
JETINOX 82-102 -112 -132-MP - CENTRIFUGAL PUMPS FITTED

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









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.

MODEL	ELECTRICAL DATA						
	POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	Vc
JETINOX 82 MP	1x220-240 V ~	0,85	0,6	0,8	3,8	12,5	450
JETINOX 102 MP	1x220-240 V ~	1,13	0,75	1	5,1	16	450
JETINOX 132 MP	1x220-240 V ~	1,49	1	1,36	6,6	25	450

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA GAS	DNM GAS	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
															L/A	L/B	H		
JETINOX 82 MP	406	232	122	145	207	14	111	276	244	144	9	174	1"	1"	450	276	320	0,031	13,6
JETINOX 102 MP	424	232	122	145	207	14	111	276	244	144	9	174	1"	1"	450	276	320	0,031	14,8
JETINOX 132 MP	424	232	122	145	207	14	111	276	244	144	9	174	1"	1"	450	276	320	0,031	15,8

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60171418 - 05/2021