TECHNICAL DATA	JET 202 M	
Date:2019-08-29	COD:120200001	



To

Company: Dual Pumps
Reference: Tom Herridge
Address: Unit 8, Hudson Road Saxby Road Industrial Estate,
Phone: +44 1664 567226
Email: TomHerridge@dualpumps.co.uk

Reference:
Offer no.: 2019080072

OPERATING DATA REQUIRED

Flow	0 l/min	Viscosity	1,005 mm²/s
Head	0 m	Kin. viscosity	1,0033 mPa s
Fluid	Cold water	Vapor pressure	0,02337 bar
Temperature	20 °C		
Density	0,9983 kg/dm³		

SELF-PRIMING CENTRIFUGAL ELECTRIC PUMPS

The self-priming centrifugal electric pumps series JET have been designed to pump clean water from wells, even if mixed with gas.

· Maximum suction up to 8-9 m
· Liquid temperature not higher than 35 °C for domestic use (CEI EN 60335-2-41) or 60 °C for other use, while the ambient temperature must not be higher than 40 °C
· Flow rate up to ~ 9.5 m3/h
· Heads up to ~ 60 m

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Type					
H	(rif.5)	m	Q	(rif.5)	l/1'
Hmin	m	Hmax (rif.6)	m	P1	(rif.4) W
○ (rif.2)	HP	(rif.2)	HP	(rif.1)	○ A
~ (rif.1)	V		Hz	η	%
(rif.3) µF	V	IP (rif.9)			Rpm
S/N		Ins.Cl (rif.8)		▽	m
T. MAX FLUID.	°C	(rif.7)	kg		
Servizio continuo		Continuos duty			

GENERAL DESCRIPTION

Voltage = V…(ref. 1), Power = HP or KW…(ref. 2), Input power = [W]…(ref. 4), Capacitor = µF…(ref. 3), Input current = A…(ref. 1), Rate of flow = l/1'…(ref. 5), Head = m…(ref. 5), Weight and dimensions = kg…(ref.7),
Insulation Class = …(ref. 8), Protected to = IP…(ref. 9)

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TECHNICAL FEATURES

· Pump body: cast iron G20 with anti-corrosive coating
· Motor bracket: in die casting aluminium UNI 5076 (cast iron for JET 152-302)
· Diffuser, Nozzle & Venturi tube: Techno-polymer
· Impellers: Techno-polymer (stamped brass UNI-EN 12165 JET 152-302)
· Pump shaft: stainless steel AISI 420F (Aisi 304 for JET 152-302)
· Mechanical seal: carbon-ceramics

MOTOR

The control motors are asynchronous, squirrel cage-type, closed,
with external ventilation.

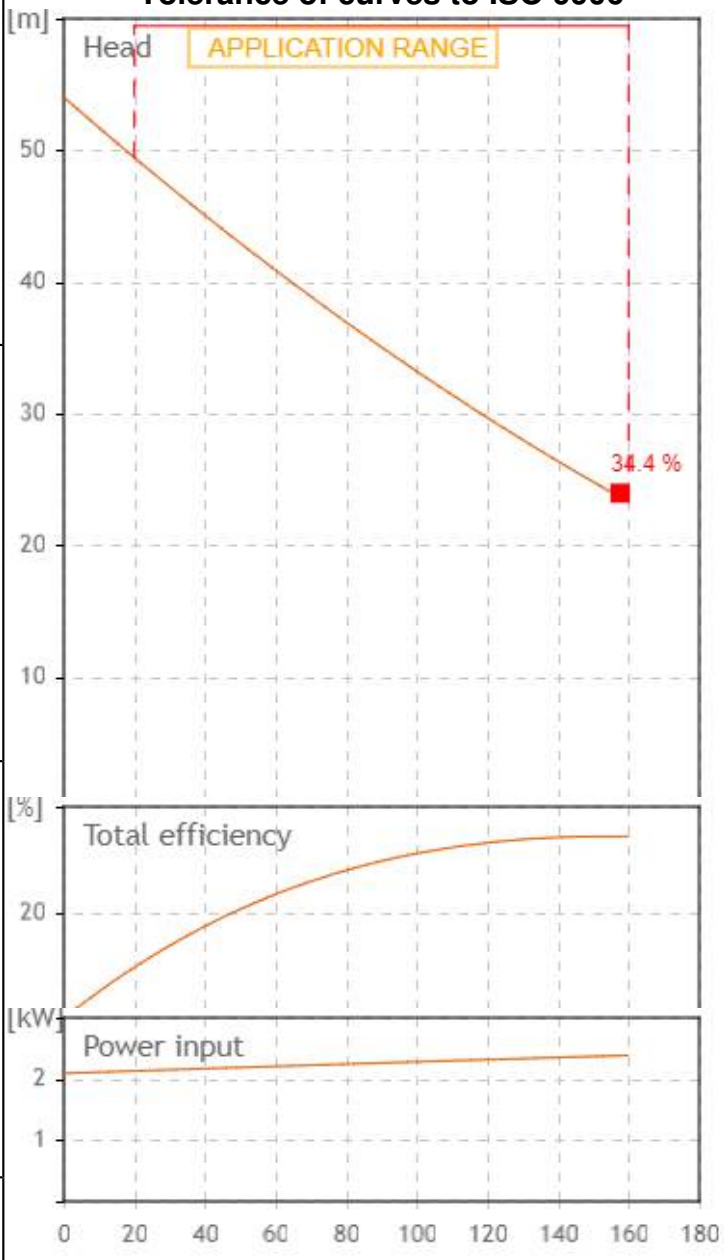
· Incorporated motor protection and capacitor always on, for single-phase models
· The motor protection for three-phase models must be installed by the customer. Equipment compliant with current standards should be used
· Class of insulation:F-service:S1-Degree of protection: IP 44
· Terminal board protection: IP 54

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Type JET 202 M							
H	23 - 49.5	m	Q	160 - 20	l/1'		
Hmin 9,6	m	Hmax 54	m	P1	2380	W	
○ 2	HP	1,5	kW	11		○	A
~ 230	V	50	Hz	η			%
40 µF	450 V	IP 44			2900	Rpm	
S/N			Ins.Cl F	▽		m	
T. MAX FLUID.	35 °C	32,2	kg				
Servizio continuo			Continuos duty				

Tolerance of curves to ISO 9906

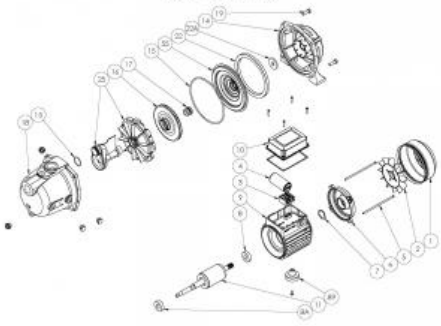


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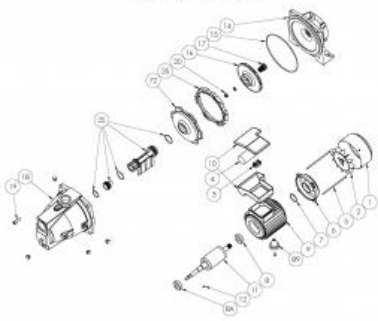
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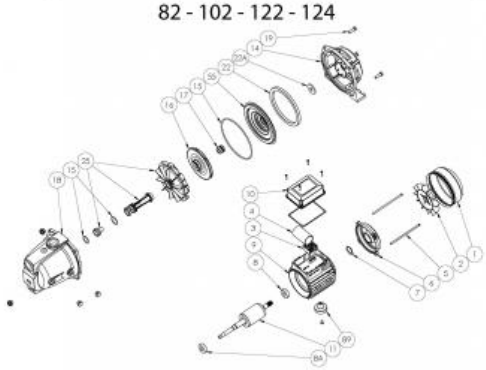
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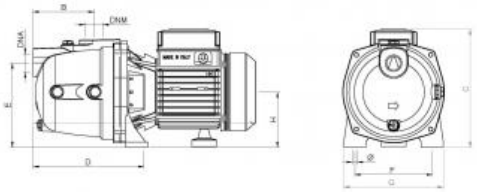
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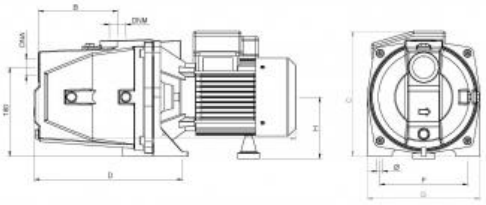
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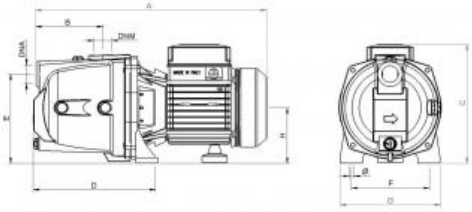
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152 - 202 - 302



82 - 102 - 122 - 124



TIPO / TYPE	DIMENSIONI [mm] / DIMENSIONS [mm]											IMBALLO [mm] / PACKING [mm]			PESO / WEIGHT
	A	B	C	D	E	F	G	Ø	H	DNA	DNM	Ai	Pi	Li	[kg]
JET 202 M	520	160	235	285	180	180	230	11	120	1" 1/2	1" 1/4	280	600	260	32,2

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