TECHNICAL DATA	MK 300 M	
Date:2019-08-29	COD:190300000	



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.: 2019080073

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		

MULTISTAGE CENTRIFUGAL ELECTRIC PUMPS

Extremely noiseless and reliable the multistage centrifugal electric pumps series MK have been designed to pump from basins or storage tanks, clean liquids, non-explosive or aggressive for the pump's materials, without abrasives and suspended solids.

· Liquid temperature not higher than 35 °C for domestic use (CEI EN 60335-2-41) or 90 °C for other use, while the ambient temperature must not be higher than 40 °C
· Flow rate up to ~ 10 m3/h
· Heads up to ~ 70 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)

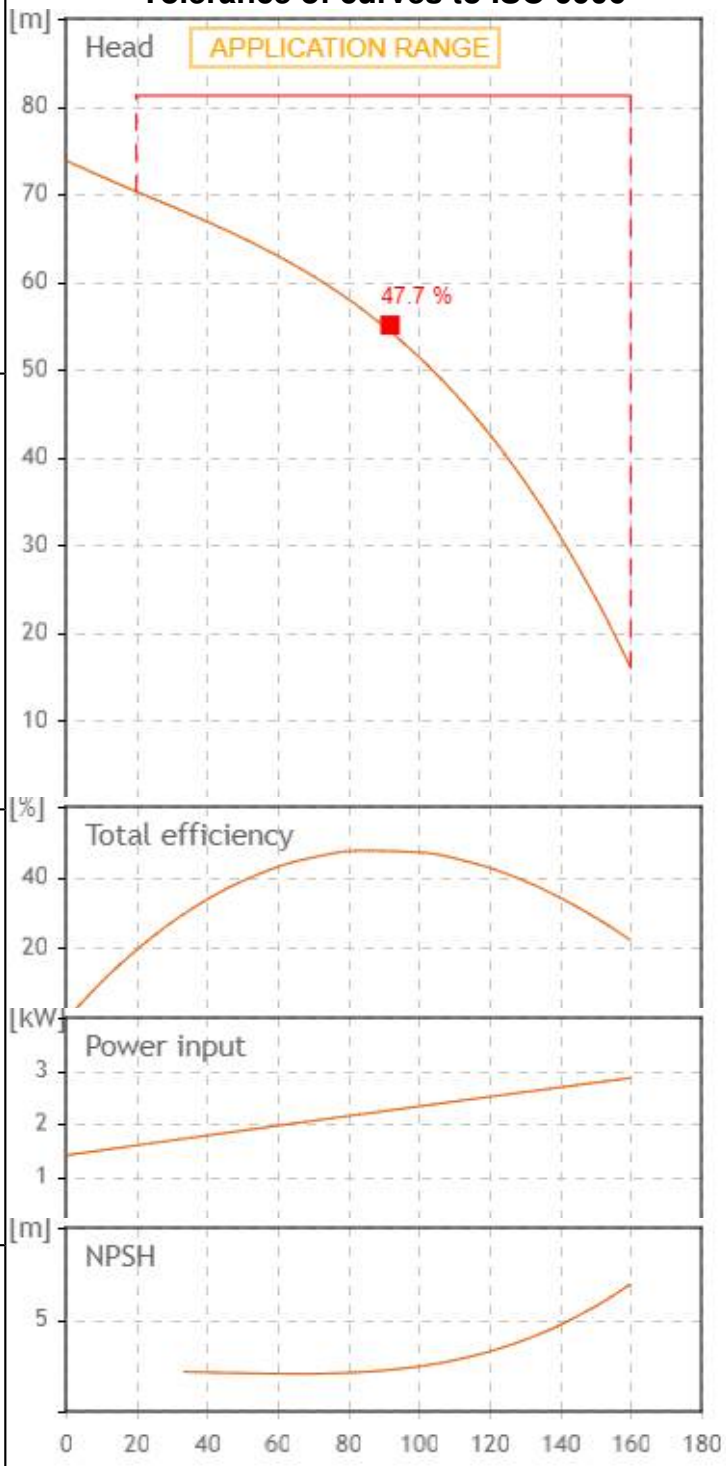
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Tolerance of curves to ISO 9906



TECHNICAL FEATURES

· Pump body: stainless steel AISI 304
· Suction flange: cast iron G20 with anti-corrosive coating
· Outlet bracket: cast iron G20 with anti-corrosive coating
· Diffusers: : Techno-polymer
· Impellers: stainless steel AISI 304
· Pump shaft: stainless steel AISI 304 (Aisi 416 for MK 80÷120)
· 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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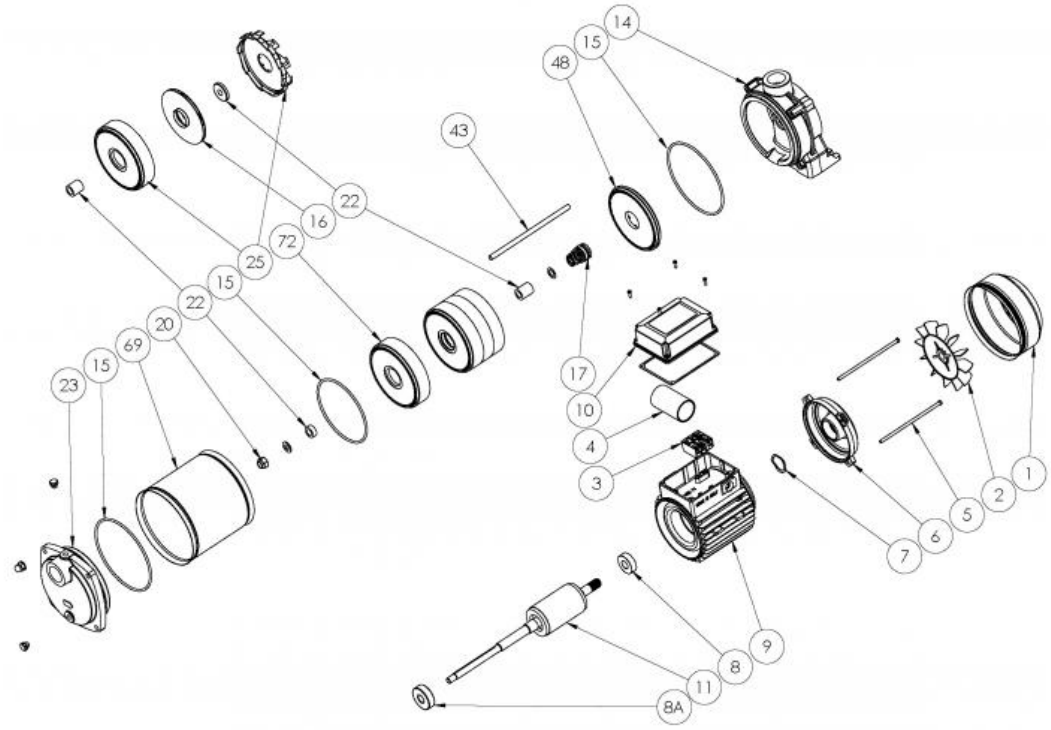
Type MK 300 M							
H	16 - 70	m	Q	160 - 20	l/1'		
Hmin 16	m	Hmax 74	m	P1	2970	W	
○ 3	HP	2,2	kW	12.5	○	A	
~ 230	V	50	Hz	η		%	
50 µF	450 V	IP 44			2900	Rpm	
S/N			Ins.Cl F	▽		m	
T. MAX FLUID.	35 °C	23.6	kg				
Servizio continuo				Continuos duty			

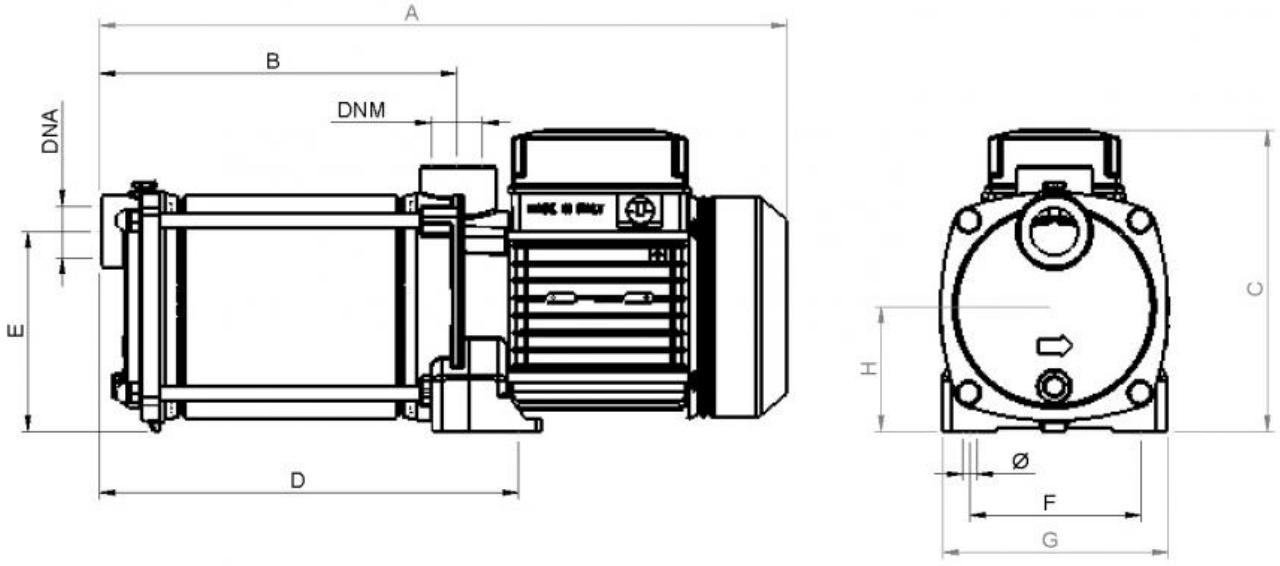
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TIPO / TYPE	DIMENSIONI [mm] / DIMENSIONS [mm]											IMBALLO [mm] / PACKING [mm]			PESO / WEIGHT
	A	B	C	D	E	F	G	Ø	H	DNA	DNM	Ai	Li	Pi	[kg]
MK 300 M	590	296	205	342	160	115	148	9	90	1" 1/4	1" 1/4	280	250	610	23.6

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