

Performance Curve

AQUAPOWER-TP30V17/2 W



AQUAFIX BELGIUM BVBA
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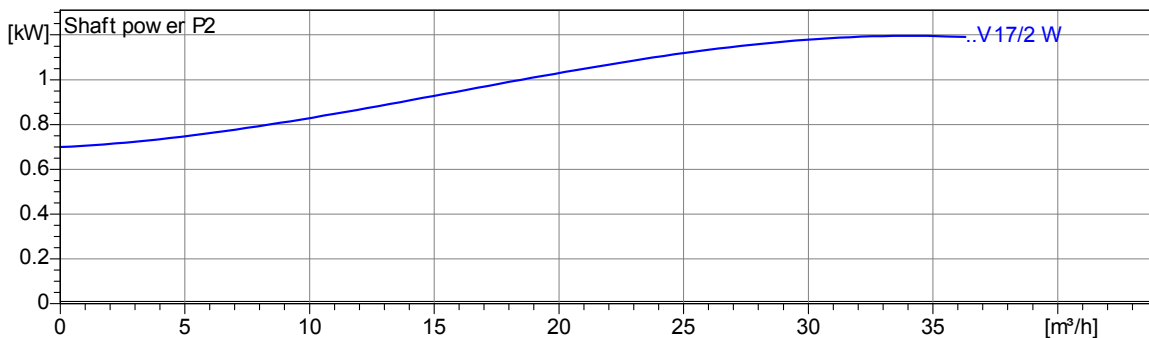
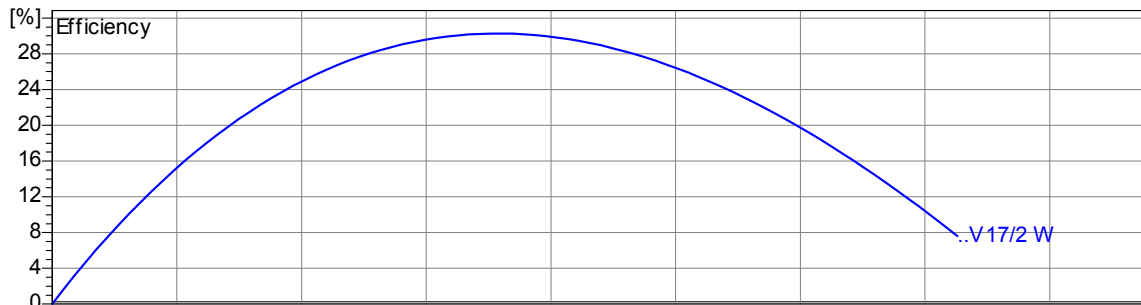
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Impeller						
Impeller type: Vortex impeller	Solid size 30 mm	Ø:	Max. Ø: 121 mm	Min. Ø: 116 mm	Sel. Ø: 116 mm	

Operating data					
Speed: 2900 rpm	Frequency: 50 Hz	Duty point: Q = 0 m³/h	H = 0 m	Shaft power P2:	Discharge port: R2"AG

Power data referred to:
Water, clean [100%] ; 20°C; 998.3kg/m³; 1.005mm²/s

Testnorm: ISO9906 Sect. 4.4.2



2.3.7 - 14/03/2012 (Build 345)

Project	Project no.:	Created by:	Page: 2
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Dimensions

AQUAPOWER-TP30V17/2 W



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Installation drawing
Dimensions in mm, le

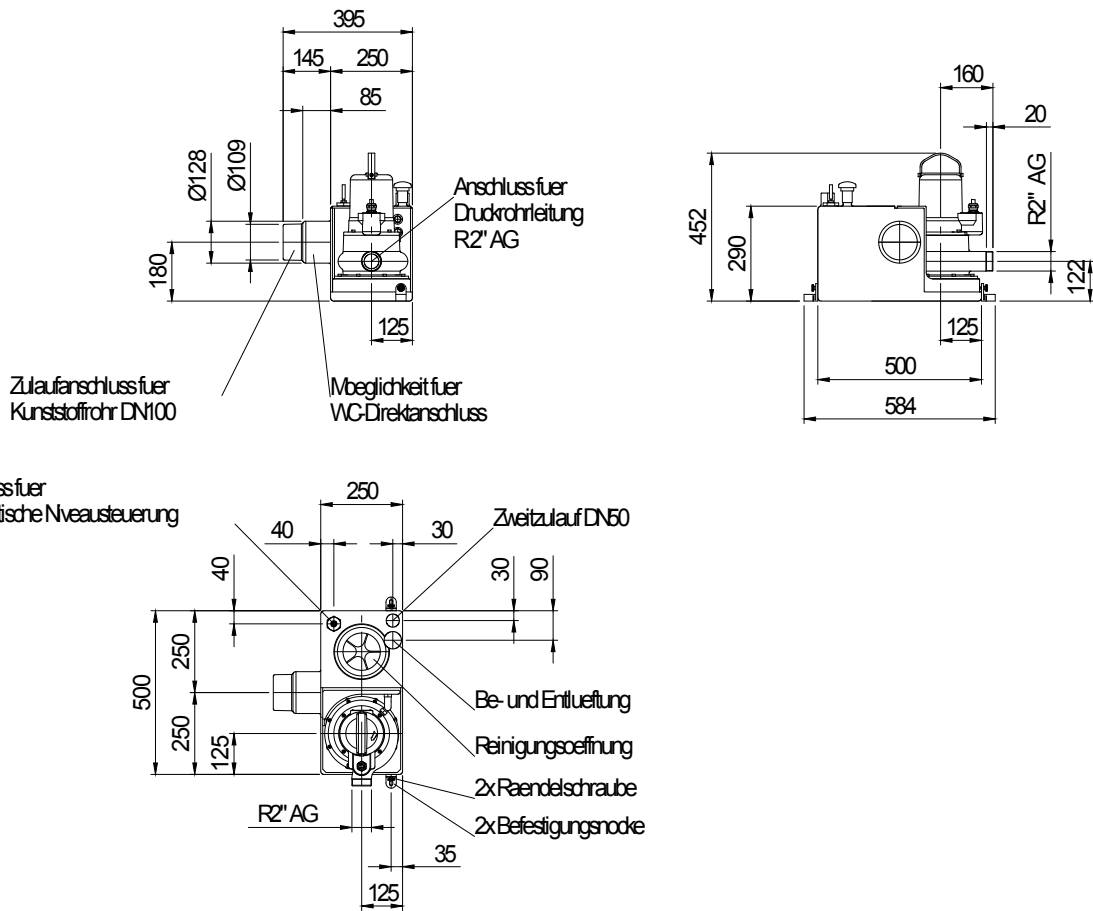


Table Dimensions (mm)

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2.3.7 - 14/03/2012 (Build 345)

Technical Data

AQUAPOWER-TP30V17/2 W



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Operating data					
Flow	0 m ³ /h	m ³ /h	Head	0	m
Shaft power P2		kW	Geodetic head	0	m
Pump efficiency	s	%	Required pump NPSH		m
Pumpe type	Single head pump		No. of pumps	1	
Fluid	Water, clean		Temperature	20 °C	
Density	998.3	kg/m ³	Kin. viscosity	1.005	mm ² /s

Pump					
Pump Code	AQUAPOWER-TP30V17/2		Speed	2900	rpm
Suction port			Head	Max.	11.0 m
Discharge port	R2"AG			Min.	1.0 m
Impeller type	Vortex impeller		Flow	Max.	36.3 m ³ /h
Solid size	30	mm	Pump efficiency max.	30.3 %	
Impeller Ø	116	mm	Required rated power max. P2	1.2	kW

Motor					
Motor version	Submersible motor		Insulation class	H	
Motor name	AM 120TM.1,6/2 W		Degree of protection	IP 68	
Frequency	50	Hz	Temperature class		
Rated power P1	1.6	kW			
Rated power P2	1.2	kW	Explosion protection		
Rated speed	2900	rpm	Efficiency	100%	76 %
Rated voltage	230	V 1~	at % rated power	75%	%
Rated current	7.6	A		50%	%
Starting current, direct starting	45.6	A	cos phi at % rated power	100%	1.00
Starting current, star-delta	15	A		75%	
Starting mode	Directly			50%	
Power cable	4G1,5		Control cable		
Type of power cable	H07RN-F		Type of control cable		
Cable length	2 m		Service factor	1.15	
Shaft seal	Mechanical seal on medium side		SiC / SiC		
	Lip seal on motor side		Nitrile Rubber		
Bearing	Lower Bearing		Deep Groove Ball Bearing		
	Upper Bearing		Deep Groove Ball Bearing		
Remarks	Start-/ Runcapacitor: - µF / 30µF				

Materials / Weight			
Collecting tank	Polyethylene	Motor shaft	Stainless steel 1.4104
Suction cover	Grey cast iron EN-GJL-250	Nuts	Stainless steel
Impeller	Grey cast iron EN-GJL-250	O-Rings	Nitrile Rubber
Motor housing	Grey cast iron EN-GJL-250		
Pump housing	Grey cast iron EN-GJL-250		
Weight aggregat	32 kg		

Project	Project no.:	Created by:	Page: 4
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