



ADELINO
— WATER PUMPS —

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STAINLESS STEEL MULTI-STAGE CENTRIFUGAL PUMP



50Hz

GERMANY

WITA- Wilhelm Taake GmbH
Bollingshofen 85, 32549 Bad Oeynhausen.

POLAND

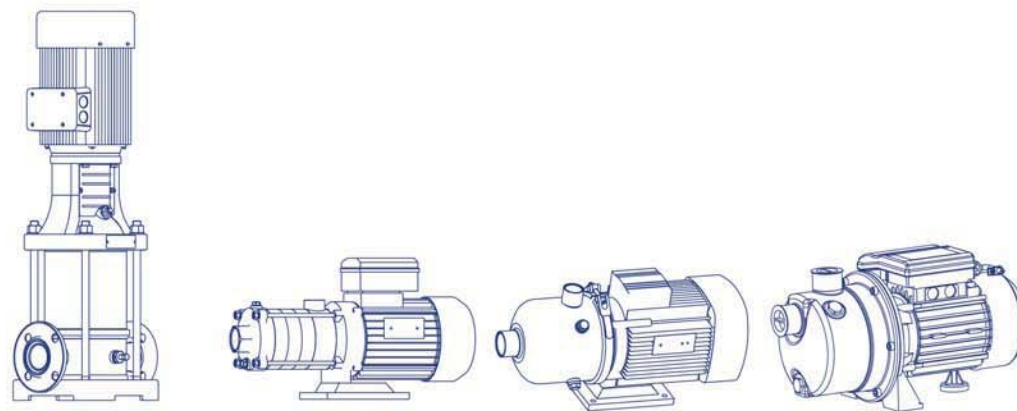
HEL-WITA Sp. z o.o.
Biznesowa 22, 86-005 Biale Blota.

INDIA

ADELINO
Web: www.adelino.in

Web:

www.wita.de
www.adelinopump.com



www.adelino.in

ONLY ORIGINAL WITH THE DIAMOND ®



QUALITY MADE IN GERMANY

Pump technology | Fittings technology | Drive technology | Mixing technology

ADELINO
WATER PUMPS

Marketing Partners



Aquanomics Systems Limited

B-2, 3rd Floor, Greater Kailash Enclave-II, New Delhi-110048

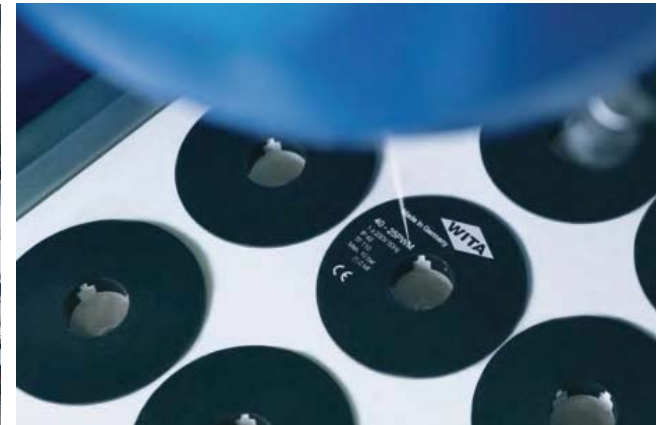
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Website- www.aquanomics.co.in; E_mail- info@aquanomics.net

ADELINO
WATER PUMPS



Company Profile





Pump Technology

Since more than 50 years the company WITA is developing and producing high quality products for heating systems in Germany. Our quality management is certificated according to DIN EN ISO 9001: 2015.

Through uncompromising high quality standards, coupled with multiple application possibilities of our pumps we are able to offer optimal solutions for the almost usages.

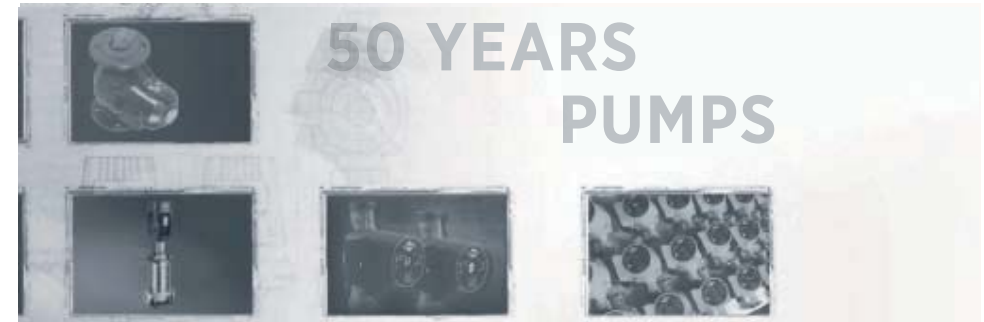
The high efficiency WITA - Pumps are usable in the areas of heating, domestic hot water and solar technology.

Every day, the research and development department is working on new innovative solutions to facilitate the daily life for the skilled crafts also in the future.



Product Advantage

- Maximum efficiency due to ECM - Technology
- Integrated motor protection
- Varied range of applications because of the cataphoresis coated grey cast iron pump housings
- WITA - High efficiency pump motors are backwards compatible to the most previous series



Vertical Multi-Stage Centrifugal Pumps



General Introduction 03-09

Detail Information 10-38

Self-Priming JET Pumps



General Introduction 56-58

Detail Information 59-64

Horizontal Multi-Stage Centrifugal Pumps



General Introduction 39-40

Detail Information 41-55

PLD economical vertical multistage pump



General Introduction 65-66

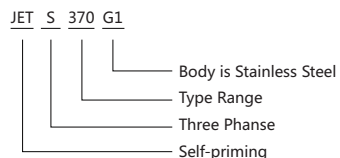


General Introduction 69-73



JET-G1

Model Instruction



Performance Range

- Max. Flow: 6m³/h
- Max. Head: 48m

Application Limits

- Suction head up to 9m
- Liquid temperature up to +40°C
- Ambient temperature up to +40°C
- Max. Working pressure: 6bar
- Voltage fluctuation should not exceed 10% of rated value.
- pH: 6.5 to 8.5

Certificate



Applications Fields

- Suitable for transferring water without abrasive particles or other liquid whose properties are similar to water.
- Widely used in well water lifting, garden irrigation, vegetable greenhouse water supply, breeding industry water supply and drainage, pipeline boosting, etc.

Features

- 304 stainless steel pressed tensile pump body & pump cover
- Hydraulic optimization design, excellent performance
- Nozzle, guide vane and the impeller PPO engineering plastics
- Products are complete in specifications, meet drinking water standards

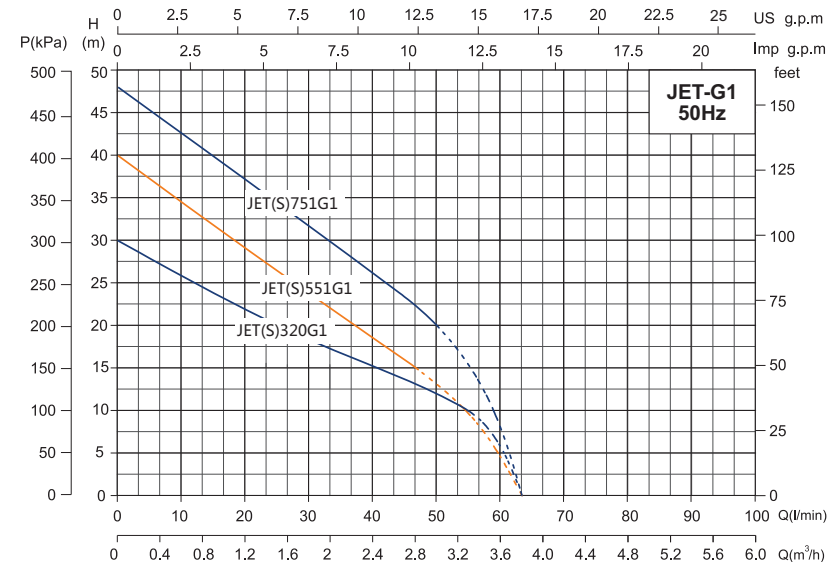
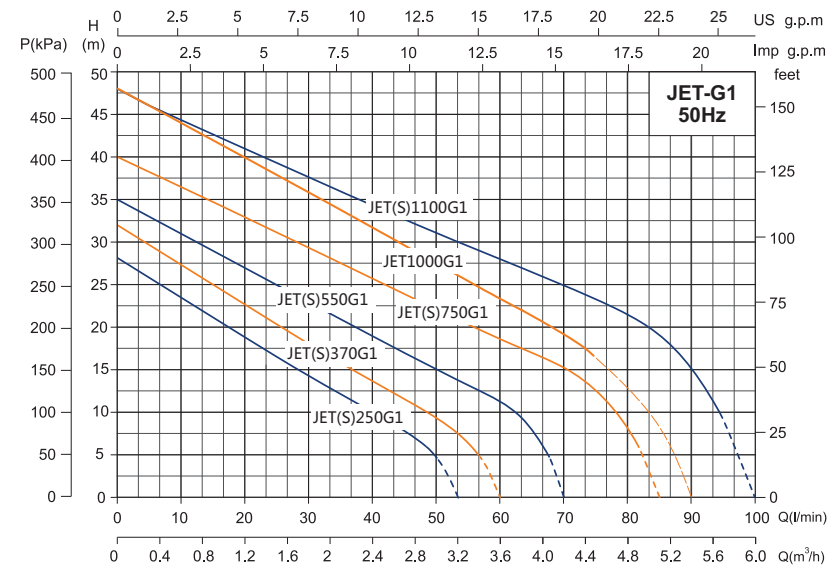
Motor

- Single-Phase 220V/50Hz
- Three-Phase 380V/50Hz
- Motor: 2 pole asynchronous motor, copper wires, built-in thermal protector, fully closed fan cooling, continuous running
- Protection: IP44
- Insulation: Class B

Optional Available on Request

- (* Standard configuration on Page 58)
- NSK bearing
- Motor whose insulation class is F
- Other voltage or frequency is 60Hz

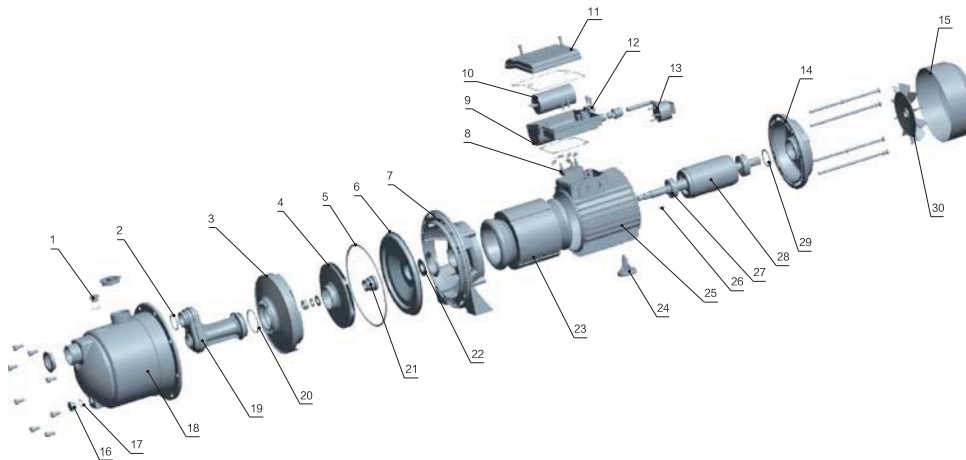
Performance Curve



Model		Power		Max. Flow (m ³ /h)	Max. Head (m)	Head Range (m)	Max. Suction (m)
Single-Phase	Three-Phase	kW	HP				
JET250G1	JETS250G1	0.25	0.37	3.2	28	4~28	8
JET370G1	JETS370G1	0.37	0.5	3.6	32	5~32	8
JET550G1	JETS550G1	0.55	0.75	4.2	35	4~35	9
JET750G1	JETS750G1	0.75	1	5.1	40	5.5~40	9
JET1100G1	JETS1100G1	1.1	1.5	6	48	9~48	9
JET320G1	JETS320G1	0.37	0.5	3.8	30	2~30	7
JET551G1	JETS551G1	0.55	0.75	3.8	40	2~40	9
JET751G1	JETS751G1	0.75	1	3.8	48	2~48	9
JET1000G1	-	1.0	1.34	5.4	48	9~48	9

Note: No plug 0.3 m

Components & Materials

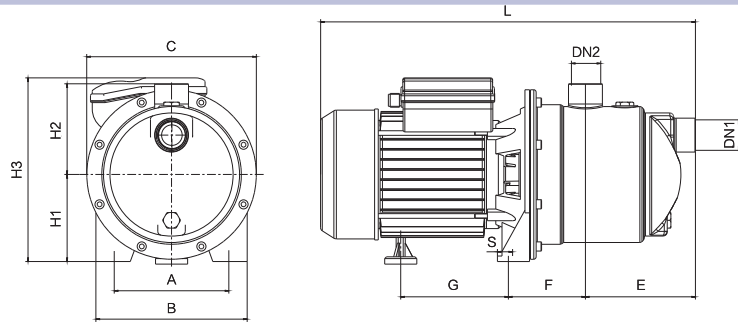


No.	Component	No.	Component	No.	Component
1	Bleed Screw	11	Terminal Box Cover	21	Mechanical Seal
2	O-ring	12	Cable Guard	22	Water Deflector
3	Guide Vanes	13	Cable	23	Stator Core Assembly
4	Impeller	14	End Shield	24	Foot
5	O-Ring	15	Fan Cover	25	Motor Case
6	Pump Cover	16	Bleed Screw	26	Key
7	Coupling	17	O-ring	27	Bearing
8	Terminals	18	Pump Body	28	Rotor
9	Terminal Box	19	Injection	29	Waved Spring
10	Capacitor	20	O-ring	30	Fan

NO.	Model	JET250G1	JET370G1	JET550G1	JET750G1	JET1100G1	JETS250G1	JETS370G1	JETS550G1	JETS750G1	JETS1100G1
10	Capacitor	10 μF/450V	15 μF/450V	18 μF/450V	20 μF/450V	30 μF/450V	/	/	/	/	/
27	End-cover Bearing	6201-2RZ	6202-2RZ	6202-2RZ	6204-2RZ	6201-2RZ	6201-2RZ	6202-2RZ	6202-2RZ	6202-2RZ	6204-2RZ
	Coupling Bearing	6202-2RZ	6203-2RZ	6203-2RZ	6204-2RZ	6202-2RZ	6202-2RZ	6203-2RZ	6203-2RZ	6203-2RZ	6204-2RZ
	Motor Shaft	AISI 304 + Steel 45#									
21	Mechanical Seal	301-12/21 B:A (P) (Stationary seal ring ø26)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-16/21 B:A (P) (Stationary seal ring ø30)	301-12/21 B:A (P) (Stationary seal ring ø26)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-14/21 B:A (P) (Stationary seal ring ø28)
		A:Graphite B:Ceramic P: NBR									
25	Motor Bracket	Aluminum									
7	Coupling	Aluminum									
18	Pump Body	Stainless steel 304									
4	Impeller	Plastics PPO									
3	Guide Vane	Plastics PPO									

NO.	Model	JET320G1	JET551G1	JET751G1	JET1000G1	JETS320G1	JETS551G1	JETS751G1
10	Capacitor	12 μF/450V	12 μF/450V	18 μF/450V	AC20 μF/450V	/	/	/
27	End-cover Bearing	6201-2RZ	6202-2RZ	6202-2RZ	6201-2RZ	6201-2RZ	6202-2RZ	6202-2RZ
	Coupling Bearing	6202-2RZ	6203-2RZ	6203-2RZ	6202-2RZ	6202-2RZ	6203-2RZ	6203-2RZ
	Motor Shaft	AISI 304 + Steel 45#						
21	Mechanical Seal	301-12/21 B:A (P) (Stationary seal ring ø26)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-16/21 B:A (P) (Stationary seal ring ø30)	301-12/21 B:A (P) (Stationary seal ring ø26)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-14/21 B:A (P) (Stationary seal ring ø28)	301-14/21 B:A (P) (Stationary seal ring ø28)
		A:Graphite,K:Impregnated resin sintered graphite,B:Ceramics,S:RBSC,F:Fluorine rubber,P:NBR,E:Ethylene propylene rubber,T:Plating the Manganese steel with chromium,C:Stainless steel(06Cr19Ni10),H:Brass.						
25	Motor Bracket	Aluminum						
7	Coupling	Aluminum						
18	Pump Body	Stainless steel 304						
4	Impeller	Plastics PPO						
3	Guide Vane	Plastics PPO						

Dimensions & Weight



Model		DN1	DN2	Dim.(mm)											N.W. (kg)
Single-Phase	Three-Phase	(Inch)		A	B	C	E	F	G	L	H1	H2	H3	S	
JET250G1	JETS250G1	1	1	105	145	165	70	79	106	327	85	90	180	9	5.5/5.5
JET370G1	JETS370G1	1	1	105	145	165	110	79	106	367	85	90	180	9	6.5/6.5
JET550G1	JETS550G1	1	1	125	165	185	120	84	117.5	409	95	99	204	9	9/9
JET750G1	JETS750G1	1	1	125	165	185	120	84	117.5	409	95	99	204	9	10.5/10.5
JET1100G1	JETS1100G1	1	1	145	185	200	124	92	135	441	103	106.5	209.5	9	14/13
JET320G1	JETS320G1	1	1	105	145	165	110	79	106	367	85	90	180	9	6.2/6.2
JET551G1	JETS551G1	1	1	125	165	185	120	84	117.5	409	95	99	204	9	8.4/8.5
JET751G1	JETS751G1	1	1	125	165	185	120	84	117.5	409	95	99	204	9	10.2/10.4
JET1000G1	-	1	1	145	185		124	92	132.5	429.5	103	106.5	215	9	10.5

Packing Size & Weight

Model		Dim.(L×W×H)	G.W.(kg)		20'Loading Qty. (pcs)
Single-Phase	Three-Phase	mm	Single-Phase	Three-Phase	
JET250G1	JETS250G1	370×210×220	6.4	6.4	1750
JET370G1	JETS370G1	415×220×240	7	7	1370
JET550G1	JETS550G1	460×225×255	9.5	9.5	1195
JET750G1	JETS750G1	460×225×255	11	11	
JET1100G1	JETS1100G1	485×245×270	14.5	13.5	936
JET320G1	JETS320G1	370×210×220	7.1	7.1	1750
JET551G1	JETS551G1	460×225×255	8.9	9.0	1195
JET751G1	JETS751G1	460×225×255	10.7	10.9	
JET1000G1	-	460×225×250	11	-	1279





wita factory in Germany



wita factory in Poland



wita factory in China