

Electric submersible dewatering pumps

Medium and large WEDA range (60 Hz)

Sustainable Productivity



WEDA dewatering pumps

WEDA pumps and accessories were designed for an extensive range of dewatering applications, across multiple industries. They provide the performance, reliability and ease of use you need. WEDA pumps feature a built-in starter and motor protection system along with optional automatic level control. Adjustable wear resistant rubber diffusers and hardened high chrome impellers ensure durability in tough environments.

WEDA pumps are made for durability. The unique sealing system and modular design make them one of the most flexible pumps on the market. Easy to use and maintain, WEDA pumps promise optimal performance. The WEDA ISP (Instant Service Pack) is the optimum maintenance solution and can be easily fitted at the job site.

With the ability to handle flows up to 6,100 US gpm and a power rating up to 84 Hp, WEDA pumps are the perfect partner for your dewatering needs.



POWERFUL & PORTABLE



DESIGNED
FOR EASY
SERVICE



Up to 6,100 g/min

Atlas Copco

The WEDA+ range

During 2017, we are launching a new WEDA+ range. We are taking the most popular models and giving you even more than before. The WEDA+ range includes all of the characteristics customers have come to expect from existing WEDA pumps; with the addition of new features that have been developed to take performance to the next level. Benefits include higher efficiency, simplified maintenance and increased capacity.


There are five new WEDA+ models being launched. We are especially excited with the new Super High Head WEDA 60+. This model is the smallest and lightest in its class and couples great performance with extreme portability. Across all models, a new feature of the range is rotation control and phase failure protection. This innovation negates the risk of the impeller rotating in the wrong direction and will stop the pump in event of phase failure.

The WEDA range is a plug and play solution but we have taken the WEDA+ models to the next level. This includes the adding of a new cable entry system, allowing the use of a wider range of cable configurations.

WEDA+ models feature a new, improved aluminum alloy with higher corrosion resistance. This increases robustness and lifetime, even when tackling the toughest of applications. We have also improved performance when it comes to solid handling and reduced the risk of clogging.

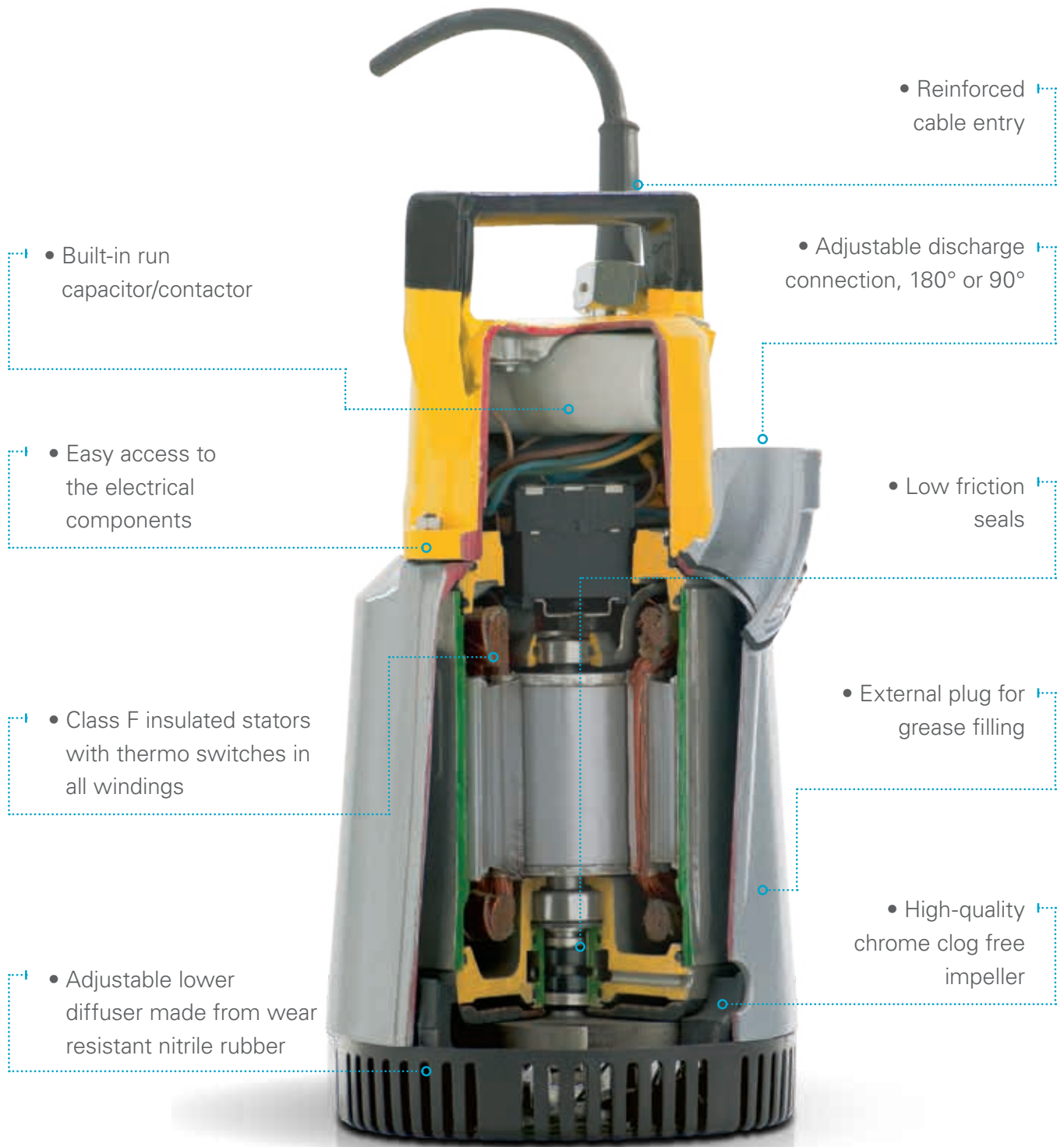


UP **15%**
LIGHTER 

UP TO
20%
SMALLER 

UP TO
20% LESS
ELECTRICITY
CONSUMED 

WEDA standard features



- Reinforced cable entry

- Adjustable discharge connection, 180° or 90°

- Built-in run capacitor/contactor

- Easy access to the electrical components

- Low friction seals

- Class F insulated stators with thermo switches in all windings

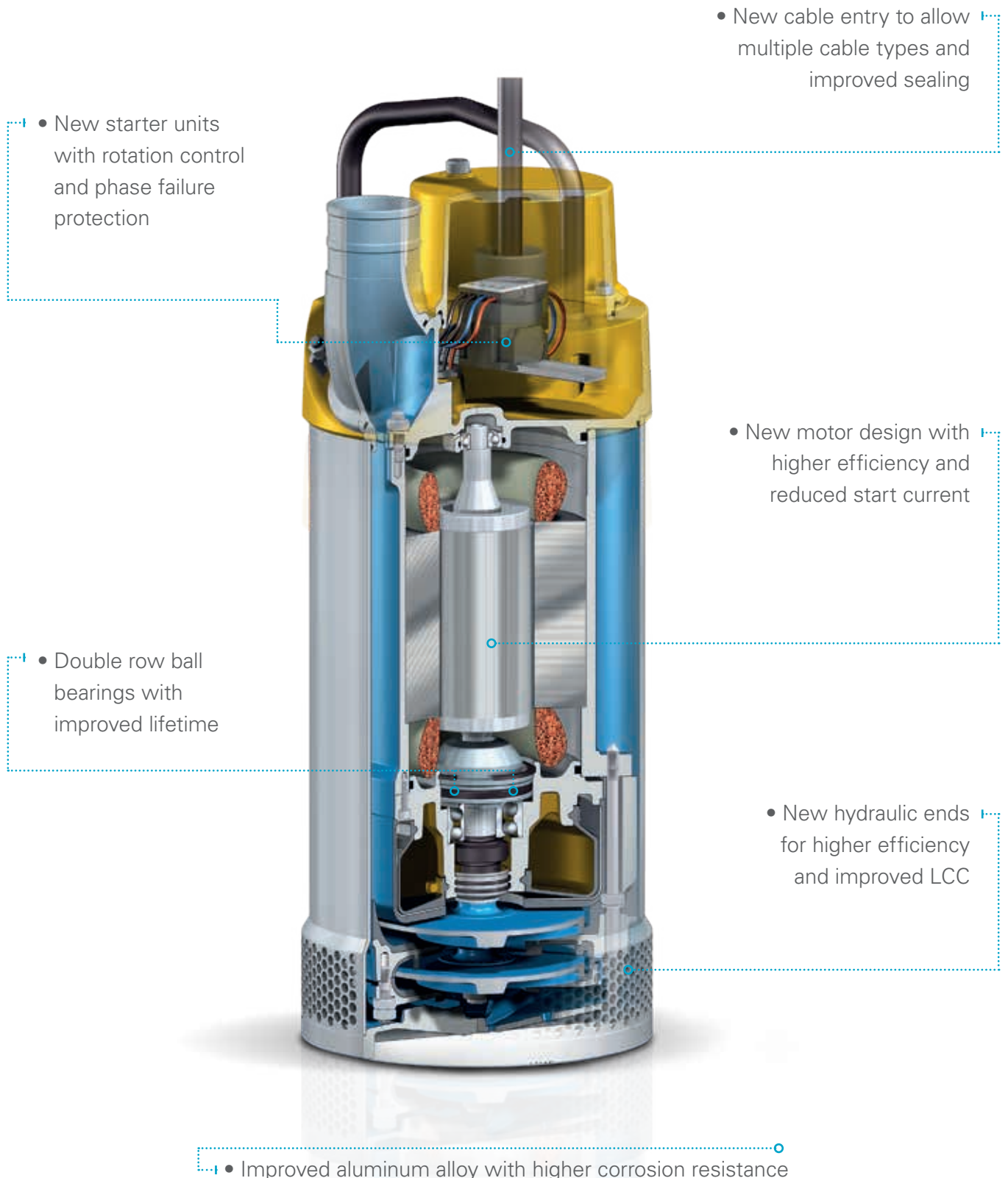
- External plug for grease filling

- Adjustable lower diffuser made from wear resistant nitrile rubber

- High-quality chrome clog free impeller

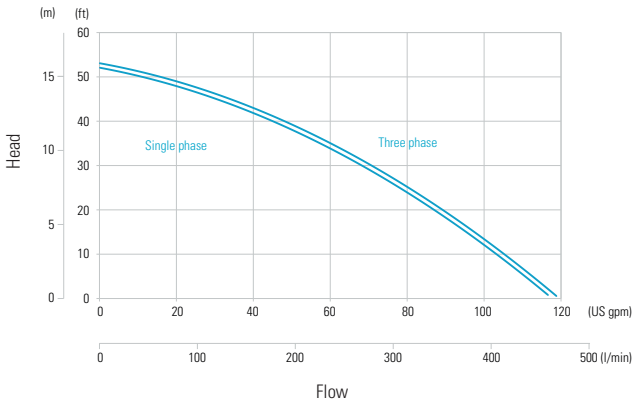


WEDA+ extended features

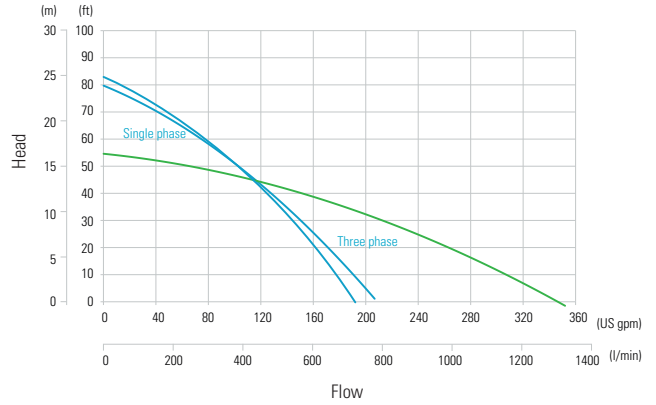


Performance curves

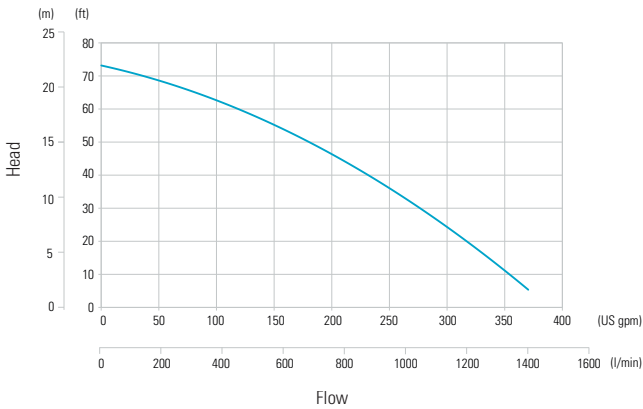
WEDA 10



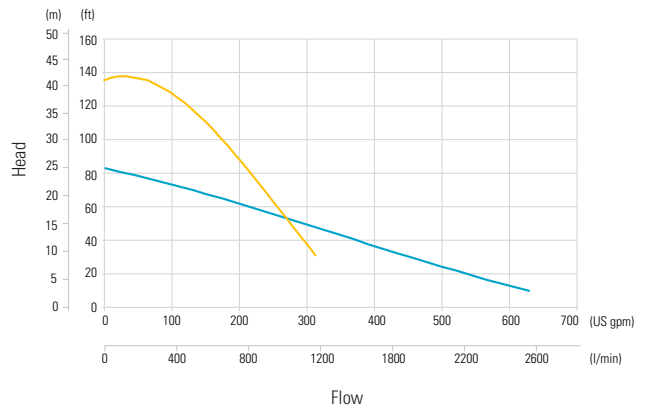
WEDA 30



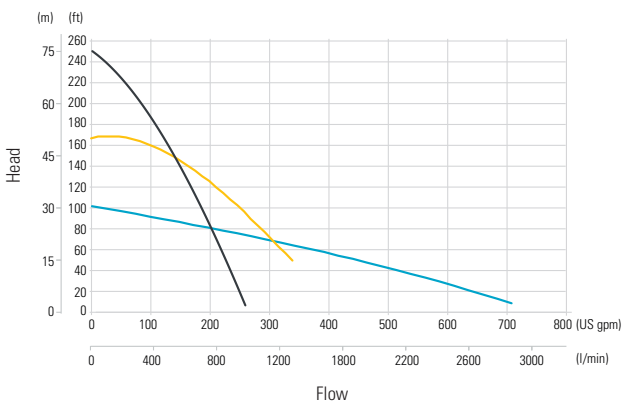
WEDA 40



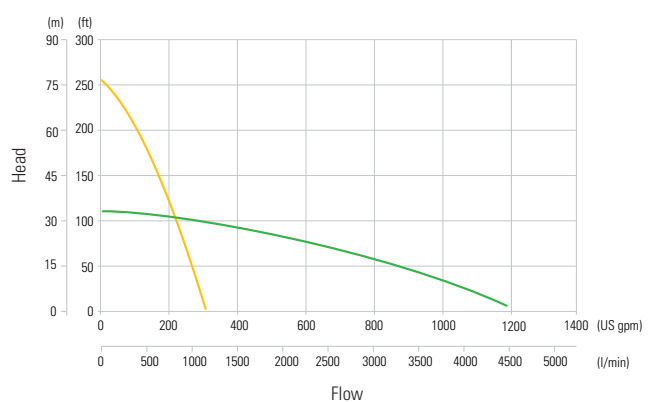
WEDA 50+



WEDA 60+



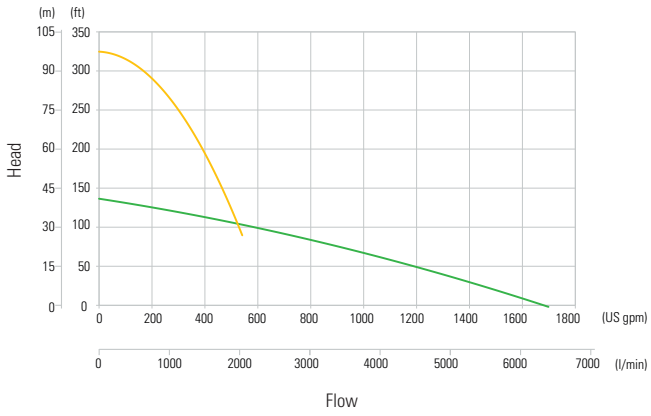
WEDA 70



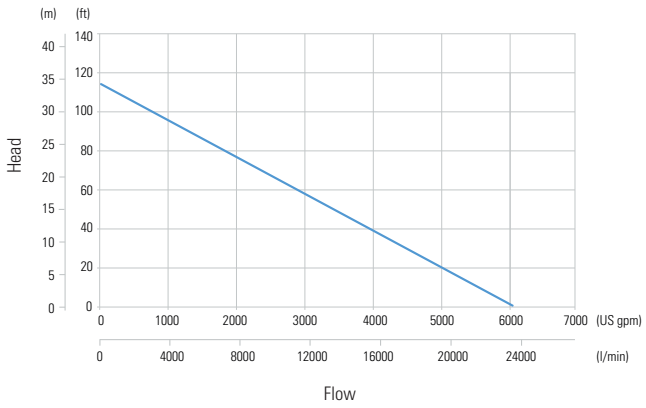
- Super high head
- High head
- Normal head
- Low head

According to ISO 9906 - ANNEX A

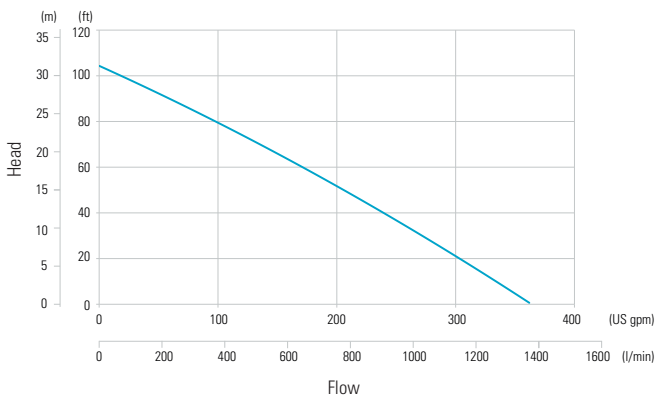
WEDA 90



WEDA 100



WEDA 60S



- High head
- Normal head
- Low head

According to ISO 9906 - ANNEX A

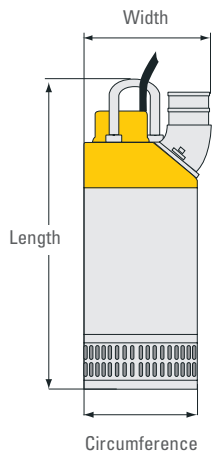


Medium and large WEDA range pumps



TECHNICAL DATA

Specifications		WEDA 10 NH		WEDA 30 LH		WEDA 30 NH		WEDA 40 NH
		Single phase	Three phase	Single phase	Three phase	Single phase	Three phase	Three phase
Max. head	ft	51	52	58	58	80	83	75
Max. flow	US gpm	117	119	370	370	215	190	420
Rated output	hp	1.5	1.3	3	3	2.7	2.5	4
	kW	1.1	1	2.3	2.3	2	1.9	3
Max. power input	kW	1.5	1.2	3.1	2.9	2.7	2.3	3.8
Rated current (110v)	A	13.5	-	-	-	-	-	-
Rated current (230v)	A	6.1	6.2	12.7	8.4	11	6.7	6.7
Rated current (380v)	A	-	-	-	-	-	-	-
Rated current (460v)	A	-	2	-	5	-	4	4
Rated current (575v)	A	-	-	-	-	-	-	-
Shaft speed	rpm	3550	3550	3550	3550	3550	3550	3550
Discharge connection	in	2"	2"	3" (4")	3" (4")	3" (4")	3" (4")	3" (4")
Max solid handling size	in	0.16	0.16	0.27	0.27	0.27	0.27	0.27
Weight and dimensions								
Weight	lbs	27.5	27.5	44	44	44	44	55
Length	in	17.4	14.6	19.8	18.7	19.8	18.7	18.7
Width	in	8.7	8.7	11.2	11.2	11.2	11.2	11.2
Circumference	in	7.2	7.2	8.7	8.7	8.7	8.7	8.7



TYPICAL APPLICATIONS

- Mining and tunneling
- Offshore



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Specifications		WEDA 50+		WEDA 60+		
		Normal head	High head	Normal head	High head	Super high head
Max. head	ft	83	135	100	170	250
Max. flow	US gpm	620	310	700	340	260
Rated output	hp	8.5	8.5	11.5	11.5	11.5
	kW	6.3	6.3	8.6	8.6	8.6
Max. power input	kW	7.5	7.5	10	10	10
Rated current (110v)	A	-	-	-	-	-
Rated current (230v)	A	21.2	21.2	28.9	28.9	28.9
Rated current (380v)	A	13	13	17.5	17.5	17.5
Rated current (460v)	A	10.6	10.6	14.5	14.5	14.5
Rated current (575v)	A	8.5	8.5	11.8	11.8	11.8
Shaft speed	rpm	3460	3460	3470	3470	3470
Discharge connection	in	4" (3")	3" (4")	4" (3")	3" (4")	3" (4")
Max solid handling size	in	0.32	0.32	0.32	0.32	0.32
Weight and dimensions						
Weight	lbs	122	122	134	134	138
Length	in	28.3	28.3	29.9	29.9	29.9
Width	in	13	11.9	13	11.9	11.9
Circumference	in	10.9	10.9	10.9	10.9	10.9

• Construction



• Industrial



• Emergency



• Maintenance



Medium and large WEDA range pumps



TECHNICAL DATA

Specifications		WEDA 70		WEDA 90		WEDA 100	WEDA 60S
		Normal head	High head	Normal head	High head	Normal head	Normal head
Max. head	ft	110	254	148	325	115	103
Max. flow	US gpm	1200	300	1790	560	6100	360
Rated output	hp	15	15	36	36	84	10
	kW	11.2	11.2	27	27	63	
Max. power input	kW	13.4	16.2	28.6	31	75	9
Rated current (460v)	A	21.3	23.2	43	48	127	17
Shaft speed	rpm	3550	3550	3550	3550	1750	3420
Discharge connection	in	6" (4")	4" (6")	6" (4")	4" (6")	10"	3" (4")
Max solid handling size	in	0.27	0.27	0.27	0.27	0.47	1.96
Weight and dimensions							
Weight	lbs	209	209	397	397	1124	154
Length	in	15.5	15.5	41.6	41.6	55.5	29.5
Width	in	35.8	35.8	17.2	17.2	25.5	12.9
Circumference	in	14.1	14.1	15.7	15.7	23.6	11.4

Designed for you



Pumps for Professionals

WEDA pumps are made for durability. Unique sealing systems and modular design makes them some of the most cost-effective pumps on the market. They are assembled by skilled mechanics and made from the highest quality materials. Easy to use and maintain, WEDA pumps promise optimal performance.



Modular Design

Machined slots make it easy to separate the various parts of each pump. All stainless steel bolts and nuts used are the same size. This makes it possible to use one effective tool to complete the entire operation.



Unique Sealing System

You can change seals, impeller and other parts in minutes. For larger pumps, the WEDA ISP (Instant Service Pack) is the optimum maintenance solution. The ISP contains the seals, bearing oil and oil housing and can easily be changed at the work site.



Light Weight and Compact Design

The weight and dimensions make the WEDA pumps easy to transport, install and store also in confined areas.

www.atlascopco.com

Portable Energy Solutions Portfolio

AIR COMPRESSORS

READY TO GO

- 110-185 cfm
- 58-125 psi



VERSATILITY

- 400-850 cfm
- 58-200 psi



PRODUCTIVITY PARTNER

- 950-1,800 cfm
- 100-508 psi



Diesel and electric options available.

GENERATORS

PORTABLE

- 1.6-12kVA



MOBILE

- 25-1,200* kVA



*Multiple configurations available to produce power for any size application.

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE

- up to 6,100 US gpm



CENTRIFUGAL DIESEL DRIVEN

- up to 8,500 US gpm



LIGHT TOWERS

METAL HALIDE



LED



Committed to sustainable productivity

Atlas Copco's Power Technique business area has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

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