

**AURAS**  
Submersible Pumps for Toughest Conditions.



# AS

With a wealth of experience and enthusiasm we produce high-quality submersible pumps for diverse professional applications.

Our brand stands for high-performance submersible pumps, characterized by greatest functionality, easy operation, and maximum robustness. The quality, durability and reliability of Auras pumps have been proven for decades in continuous operation under extreme conditions.

We have also ensured that our products can be maintained easily and cost-effectively.

Your investment in Auras pumps is guaranteed to pay off!

Benefit from our engineering Made in Germany.

Our comprehensive services support you in processing your orders on time, reliably and profitably at all times.

Learn more about our product portfolio.

We look forward to getting in contact with you!

# SUBMERSIBLE PUMPS YOUR TOOL



**FOR  
HIGHEST APPLICATIONS**

# SUBMERSIBLE PUMPS



	<b>P 220</b>	<b>P 20</b>
Typ of fluid	Dirty water	Dirty water
Capacity max.	25 m <sup>3</sup> /h respectively 420 l/min	25,5 m <sup>3</sup> /h respectively 425 l/min
Head max.	13 m	13 m
Water depth max.	10 m	10 m
Temperature of to medium be pumped	0–35° C	0–35° C
Hole-Ø of strainer	5 mm	5 mm
Switch-on point automatic	230 mm	230 mm
Switch-off point automatic	100 mm	100 mm
Weight	22 kg	23 kg
Diameter	210 mm	210 mm
Height	510 mm	510 mm
Pump outlet size	C [2"]	C [2"]
Impeller	Chromium Steel	Chromium Steel
Nominal voltage	230 V	400 V
Frequency	50 Hz	50 Hz
Rated current	6,4 A	2,6 A
Motor output	1,45 kW	1,3 kW
Cable 15 m	3 x 1,5 mm <sup>2</sup>	4 x 1,5 mm <sup>2</sup>
Power connection	220 V	16 A
Oil	10W-40	10W-40
Item no. without automatic system	AP60.10.00	AP60.20.00
Item no. with automatic system	AP60.10.0A	AP60.20.0A



## P 30

## P 40 ND

## P 40 HD

## P 60 ND

## P 40 CS

Dirty water

Dirty water

Dirty water

Dirty water

Sewage

60 m<sup>3</sup>/h respectively  
1.000l/min

115 m<sup>3</sup>/h respectively  
1.920l/min

55 m<sup>3</sup>/h respectively  
920l/min

215 m<sup>3</sup>/h respectively  
3.580l/min

89 m<sup>3</sup>/h respectively  
1.480l/min

18 m

17 m

19,5 m

25 m

15 m

10 m

10 m

10 m

10 m

10 m

0–35° C

0–35° C

0–35° C

0–35° C

0–35° C

8 mm

8 mm

8 mm

10 mm

44 mm

270 mm

310 mm

310 mm

500 mm

–

140 mm

150 mm

150 mm

250 mm

–

37 kg

44 kg

44 kg

120 kg

61,5 kg

246 mm

246 mm

246 mm

350 mm

420 mm

540 mm

620 mm

620 mm

910 mm

670 mm

B [3"]

A [4"]

B [3"]

F [6"]

A [4"]

Chromium Steel

Chromium Steel

Chromium Steel

Chromium Steel

Chromium Steel

400 V

400 V

400 V

400 V

400 V

50 Hz

50 Hz

50 Hz

50 Hz

50 Hz

5,7 A

7,7 A

7,7 A

20,9 A

5,2 A

3,5 kW

4,7 kW

4,7 kW

13,5 kW

2,8 kW

4 x 1,5 mm<sup>2</sup>

4 x 2,5 mm<sup>2</sup>

4 x 2,5 mm<sup>2</sup>

4 x 6 mm<sup>2</sup>

4 x 2,5 mm<sup>2</sup>

16 A

32 A

32 A

63 A

32 A

10W-40

10W-40

10W-40

10W-40

10W-40

AP60.30.00

AP60.40.00

AP61.40.00

AP60.50.00

AP60.60.20.CS

AP60.30.0A

AP60.40.0A

AP61.40.0A

AP60.50.0A

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# TECHNOLOGY

SUBMERSIBLE DIRTY WATER PUMPS  
P 220/P 20/P 30/P 40/P 60

**Pump outlet** with high-quality LM Storz coupling

**NSSHÖU-J**, mechanical stress for high mechanical load [length of 15 m]

Motors have **insulation class F**  
Exception: P220 has **insulation class H**  
Motor protection by **temperature sensor** (bimetal)

**Sealing rings** made of NBR 70 ensure a high sealing integrity.

**Impeller** made of chromium steel 1.2379

**Diffuser** and other **wear parts** are coated with abrasion-resistant rubber

**Oil drain plug** permits a quick check of the pump

**Motor protection plug** in rubber housing [only with P 220]

**CEE plug** 16 A / 32 A equipped with on/off switch, phase changing switch and signal lamp for phase sequence indicator



Ergonomically shaped **carrying handle** provides different grips

**Pump outlet** 90°, 45° as an alternative option

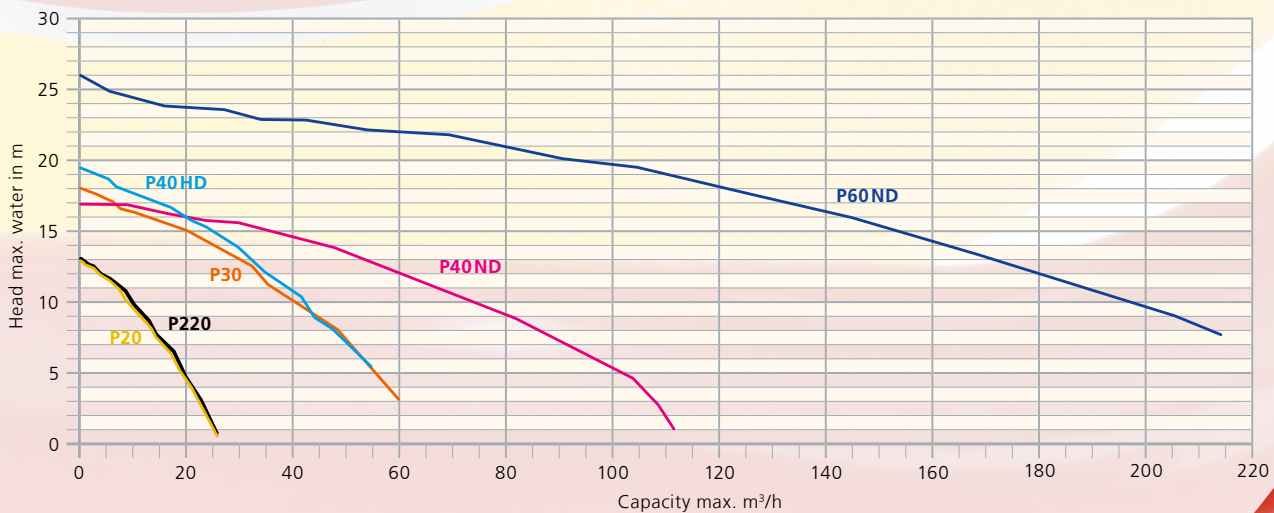
**Auras automatic system** with selector switch for automatic operation and continuous operation

**Protection class IP68** [dust-proof, full protection against contact and continuous immersion]

The **Auras automatic system** works without any moving parts. The water level is monitored by two electrodes mounted in the pump housing. The control current of the electrodes of only 18 V is completely harmless to humans.

**Pump housing** made of silumin with seawater-resistant coating

**Strainer and base plate** made of stainless steel [1.4301]



# TECHNOLOGY

SUBMERSIBLE SEWAGE PUMP P 40 CS



**NSSHÖU-J**, mechanical stress for high mechanical load [length of 15 m]

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Motors have **insulation class F**  
Motor protection by **temperature sensor** (bimetal)

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**Sealing rings** made of NBR 70 ensure a high sealing integrity.

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**Oil drain plug** permits a quick check of the pump

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**Impeller** made of chromium steel 1.2379

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**Diffuser** and other **wear parts** are coated with abrasion-resistant rubber

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**CEE plug 32 A** equipped with on/off switch, phase changing switch and signal lamp for phase sequence indicator

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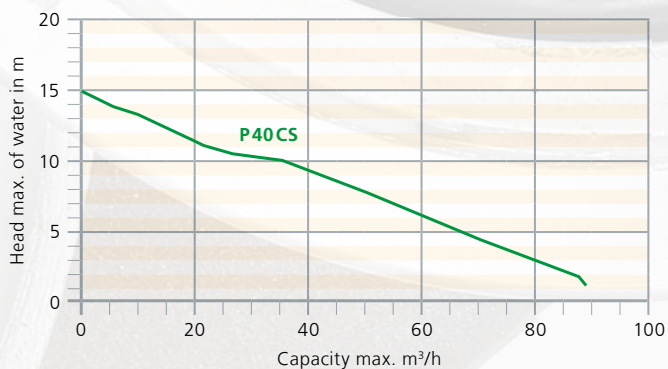
Ergonomically shaped **carrying handle** provides different grips

**Pump housing** made of silumin with seawater-resistant coating

**Protection class IP68** [dust-proof, full protection against contact and continuous immersion]

**Pump outlet** [size A 4"] with high-quality LM Storz coupling

**Strainer** [hole- $\varnothing$  44 mm] and **base plate** made of stainless steel [1.4301]





## **Sales and Financing**

We will arrange for professional equipment being quickly provided to you. Let our sales department assist you in selecting your future Auras pump and advising you on financing.

Rent, purchase or leasing? Contact us – we will find the perfect solution for your requirements.

## **Maintenance and Inspection**

Auras pumps only require minimum maintenance during many years of operation under toughest conditions. Your Auras Partner will ensure that your Auras pumps do their job always reliably.

You may have your pumps inspected and repaired economically by our experts on our premises or just conveniently at your site. All components are quickly available at any time.

## **Rent**

For your immediate and temporary needs, you simply can rent Auras pumps at local rental stations in your region – for as long as you want. Our website provides an overview of all rental stations in each region. Of course, we will dispatch rental pumps to your place upon your request.

## **Downloads**

Have a look at our website, where we provide to you important and useful information for download.

# ACCESSORIES



## Synthetic construction and industry hose . white

Tube size	Burst pressure	Item No. / 10 m	Item No. / 20 m	Item No. / 30 m
<b>C</b> [2"]	40 bar	92Z00.52.C.10	92Z00.52.C	92Z00.52.C.30
<b>B</b> [3"]	40 bar	92Z00.75.B.10	92Z00.75.B	92Z00.75.B.30
<b>A</b> [4"]	35 bar	92Z0.100.A.10	92Z0.100.A	92Z0.100.A.30
<b>F</b> [6"]	30 bar	92Z0.150.F.10	92Z0.150.F	92Z0.150.F.30

With integrated LM Storz couplings. Fabric made of 100% synthetic polyester yarn, circularly woven with twill weave with high-quality rubber lining made of non-aging EPDM. Temperature range from - 40C to + 100C, flame-retardant, abrasion-resistant, rot-resistant, maintenance-free, lightweight and flexible.



## Synthetic construction and industry hose . coated . red

Tube size	Burst pressure	Item No. / 10m	Item No. / 20 m	Item No. / 30 m
<b>C</b> [2"]	50 bar	92Z00.52.C.ROT.10	92Z00.52.C.ROT	92Z00.52.C.ROT.30
<b>B</b> [3"]	50 bar	92Z00.75.B.ROT.10	92Z00.75.B.ROT.20	92Z00.75.B.ROT.30
<b>A</b> [4"]	35 bar	92Z0.100.A.ROT.10	92Z0.100.A.ROT.20	92Z0.100.A.ROT.30

With integrated LM Storz couplings. Fabric made of 100% synthetic polyester yarn, circularly woven with twill weave with high-quality rubber lining made of non-aging EPDM. Temperature range from - 40C to + 100C, added flame-retardant, abrasion-resistant, rot-resistant, maintenance-free, lightweight and flexible.



## Manifold with screw down valve

Item No. 92Z0B.0.CBC

Inlet 1x **B** [2 1/2"] . Outlet 1x **B** [2 1/2"], 2x **C** [2"]  
Material: Aluminum



## LM Suction hose coupling

Tube size	Item No.
<b>C</b> [52 mm]	92Z1.052.C*
<b>B</b> [75 mm]	92Z1.075.B**
<b>A</b> [100 mm]	92Z1.100.A
<b>F</b> [150 mm]	92Z1.150.F

Material: Aluminum . Gasket: Nitrile rubber black/white  
\*DIN 14321 . \*\*DIN 14322



## LM Reducer

Tube size	Item No.
<b>C/B</b>	92Z1.00.CB
<b>A/B</b>	92Z1.00.AB
<b>F/A</b>	92Z1.00.FA*
<b>C/GEKA</b>	92Z5.2C.GEKA

Material: Aluminum . Gasket: Nitrile rubber black/white  
\*DIN 14343



## LM Fixed coupling with female thread

Tube size [thread]	Item No.
<b>C</b> [2"]	92Z3.I0.2.C*
<b>B</b> [2 1/2"]	92Z3.I0.2.B**
<b>B</b> [3"]	92Z3.I0.3.B
<b>A</b> [4"]	92Z3.I0.4.A
<b>F</b> [6"]	92Z3.I0.6.F

Material: Aluminum . Gasket: Nitrile rubber black/white  
\*DIN 14307 . \*\*DIN 14308



## LM Blank caps with chain

Tube size	Item No.
<b>C</b>	92Z0.00.0.C*
<b>B</b>	92Z0.00.0.B**
<b>A</b>	92Z0.00.0.A***
<b>F</b>	92Z0.00.0.F

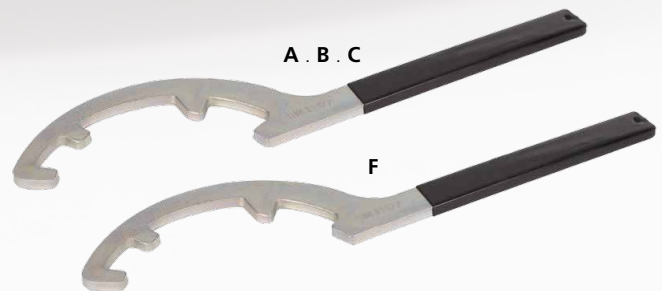
Material: Aluminum . Gasket: Nitrile rubber black/white  
\*DIN 14311 . \*\*DIN 14312 . \*\*\*DIN 14313



## LM Fixed coupling with male thread

Tube size [thread]	Item No.
<b>C</b> [2"]	92Z3.A0.2.C
<b>B</b> [2 1/2"]	92Z3.A0.2.B
<b>B</b> [3"]	92Z3.A0.3.B
<b>A</b> [4"]	92Z3.A0.4.A
<b>F</b> [6"]	92Z3.A0.6.F

Material: Aluminum . Gasket: Nitrile rubber black/white



## Coupling spanners

Tube size	Item No.
<b>A . B . C</b>	92Z3.0.ABC*
<b>F</b>	92Z3.0.00F

Material: Stainless Steel . \*DIN 14822

# ACCESSORIES



## Base sucker for submersible pumps P220/P220A/P20/P20A

Item No. AP60.11.20.C

Suitable for lowering water level up to ground level.



## Mounting sleeves

Target application Item No.

**All submersible pumps**  
except for P 60 ND/NDA [16 mm] AP60.11.19.C

**P 60 ND . P 60 NDA** [32 mm] AP60.51.19.C



## Check valve

Tube size	Item No.
2"	/F63.90.52
2 1/2"	/F63.90.63
3"	92Z2.00.03
4"	/F63.91.02

Material: Messing



## Kink protection for Storz hoses **C** and **B**

Item No. 92Z00.0.CB

Material: Aluminum



## Filter cage for Auras pumps

Item No. AP601.111.C

Filter cage for pumps P 220 / P 220A and P 20 / P 20A.  
 Ø 250 x 390 mm high . stainless steel 1.4301.  
 Fixed at pump [Cage not suitable for lifting loads].



## Pump safety rope

Item No. 92Z00.3.PS

Pump safety rope, black, with loops on both sides  
 Material: Polypropylene Ø 10 mm, L 3.000 mm



## Floating switch . 230 V . 10m

Item No. /F61.90.07



## Floating switch . 400 V . 10 m

Item No.

CEE 16 A /F61.90.08

CEE 32 A /F61.90.09



## Tested pump chain . 6x18 mm

Item No. / 5m      Item No. / 10m      Item No. / 15m

92Z0.05.PK      92Z0.10.PK      92Z0.15.PK

Beginning and about every 1,000 mm with larger master link,  
 ending with shackle . Material: stainless steel, master link inside  
 W/L: 25 x 42 mm . Carrying capacity: 900 kg



## Hose storage cart with 3 levels

Item No. 92Z00.SW.3

Material: bright zinc-plated steel plate. L/D/H 1,068/524/1.815 mm  
 Stepped traverse vertically adjustable in 25 mm increments,  
 pull and grab handle, 2 swivel and fixed castors with Ø 125 mm  
 Delivered without hoses.

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