

JUNG PUMPEN U6K SUBMERSIBLE DRAINAGE PUMPS

APPLICATION

The U6K range of pumps is suitable for stationary and portable use.

It can be used as a drainage pump for mildly contaminated waste and ground water, in sumps with rain water, drainage or seepage water, silage liquor and also liquid manure. The high quality mechanical seal also makes the pump suitable for extracting abrasive media.

In stationary use the U6K ES/DS removes the waste water from domestic appliances such as dishwashers and washing machines (also high temperature). The guide rail system GR 32 offers all the advantages of fast and easy maintenance. Our ready-to-install collecting tanks extend the options for installation and use.

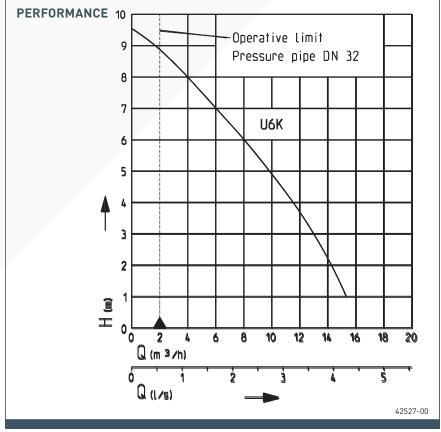
For supporting sewage water with heavy pollution we recommend our US series. Especially for the transportable use, in building site areas for example, our building pumps UB should be used.

If centrifugal submersible pumps are used outdoors, only a pump with 10 m cable without extension cable may be used in accordance with VDE Regulation 0100.

- Continuous operation
- Flushing device
- Replaceable moisture sealed cable inlet
- Low level pumping by removing the strainer base
- SiC mechanical seal independent of rotation direction
- Safe to run dry
- 10/20 mm free passage with EIP technology



U 6 K with built-in level control



We reserve the right to change specifications without notice

Pump performance is subject to ISO 9906 tolerances

The minimum flow velocity in the pressure piping must be 0.7 m/s according to EN 12056.

This data is represented in the performance curve as a limit of application.

D 103-4.2-EN-1607

JUNG PUMPEN U6K

SUBMERSIBLE DRAINAGE PUMPS

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Туре	Maximum Height x Width	Discharge branch	Free passage	Cable quality H07RN-F-	Cable length	Weight approx.	Code No.			
Pumps without level control										
U6K E	335 x 175 mm	11/4"	20 mm	3G1,0	10 m	6,0 kg	JP00226			
U6K D	335 x 175 mm	11/4"	20 mm	4G1,0	10 m	6,5 kg	JP00228			
Pumps with built-in level control (ac	Pumps with built-in level control (acc. to VDE, only to be used outdoors with 10 m cable)									
U6K ES	335 x 210 mm	11/4"	20 mm	3G1,0	4 m	5,5 kg	JP00227			
U6K DS	335 x 210 mm	11/4"	20 mm	4G1,0	4 m	5,9 kg	JP00229			
U6K ES	335 x 210 mm	11/4"	20 mm	3G1,0	10 m	6,2 kg	JP09260			
U6K DS	335 x 210 mm	11/4"	20 mm	4G1,0	10 m	6,8 kg	JP09261			

PERFORMANCE

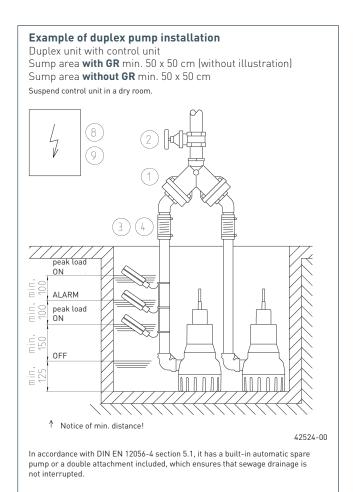
Туре	Delivery head H [m]	1	2	3	4	5	6	7	8	9
U6K E/ES/D/DS	Flow rate Q [m³/h]	15.5	14.5	13.0	11.5	9.5	8.0	6.0	4.0	1.5

ELECTRICAL DATA

Туре	Type of	Voltage	Motor r	Motor rating kW		Current	Motor	Plug
	current	Volt	P_1	P ₂	min-1	Ampere	protection	
U6K E/ES	W-Strom	1/N/PE~230	0.75	0.49	2645	3.3		Safety-
U6K D/DS	D-Strom	3/PE~400	0.75	0.55	2678	1.3	integriert	CEE-

Example of single pump installation with GR Single unit with built-in level control Sump area with GR 32 min. 40 x 50 cm Sump area without GR min. 40 x 40 cm (without illustr.) 2 42523-01 In case of installation beneath the backpressure level the pressure tube must be taken in a loop over the local backup level acc. to EN 12056. Besides, it must be secured with an EN 12050-4-proofed swing-type check valve. Besides, it must be

secured with an EN 12050-4-proofed swing-type check valve. Additionally we



recommend an alarm system.

JUNG PUMPEN U6K SUBMERSIBLE DRAINAGE PUMPS

ACCESSORIES

Swing-type check valve 1½" [DN 32], PN 4 DIN EN 12050-4 H W D 90 1½" Duplex swing-type check valve 1½" [DN 40], PN 4 for duplez pump station, DIN EN 12050-4 104 To duplez pump station, DIN EN 12050-4 105 To duplez pump station, DIN EN 12050-4 105 To duplez pump station, DIN EN 12050-4 106 To duplez pump station, DIN EN 12050-4 107 [DN 40], PN 16 125 max.60 1½" JP44786 107 [DN 40], PN 16 125 max.60 1½" JP44786 Elastic connection 1½" [DN 32], PN 3 H D JP44773				Code No.	U6K E	U6K D	U6K ES	U6K DS
Duples swing-type check valve 1½" (DN x0), PN 4 for duples pump station, DIN EN 12050-4 H W D D 200 280 1½" Stop valve 1½" (DN 32), PN 16 H W D 170 max.60 1½" JP44785		0	H W D	JP09739	•	•	•	•
Stop valve 1/4" (DN 32), PN 16 1/2" (DN 40), PN 16 1/4" (DN 32), PN 3 1/4" (DN 32), PN 32 1/4" (B B D		for duplex pump station, DIN EN 12050-4	JP09155		•		
Stop valve 1/4 (IDN 32), PN 16 10 max. 60 11/4			200 280 11/2"					
Elastic connection 11/4" (DN 32), PN 3 HD		2	174 [DN 32], PN 16 110 max. 60 11/4"	JP44785	•	•	•	•
Elastic connection 1 ½" (DN 32), PN 3	В		1½" (DN 40), PN 16 125 max. 60 1½"	JP44786	•	•		
Hose coupling 1½" (DN 32) brass, for portable use Solid fire hose coupling 1 ½" male thread Coupling wrench Hose connection 1 ½" - 38/32/25 P844209 Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential-free contact and 3 m cable Alarm unit AG10 with sub. ball contact switch, separate, mains-dependent, with potential-free contact switch, 5.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 (1-phase) with sub. ball contact switch 9.5 m NB 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm NE 2 (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2 (1-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub.	± D	3	Elastic connection 11/4" (DN 32), PN 3 $\frac{H}{100}$ $\frac{D}{42}$	JP44773	•	•	•	•
Hose coupling 1½ (IDN 32) brass, for portable use Solid fire hose coupling 1½" male thread Coupling wrench Hose connection 1½" - 38/32/25 Hose set, 15 m PVC hose c/w elbow Alarm unit A63 with submersible ball contact switch, separate, mains-dependent, with potential-free contact and 3 m cable Alarm unit A610 with sub. ball contact switch (10, 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit [see level controls for description] NE 1 (1-phase) with sub. ball contact switch 3.0 m NE 1 (1-phase) with sub. ball contact switch 3.0 m NE 1 (1-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3 (3-phase) with 9.5 m	Ö	4	Hose band clamp 11/4"	JP44765	•	•	•	•
Coupling wrench Hose connection 1 1/6" - 38/32/25 Hose set, 15 m PVC hose c/w elbow JP44350 Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential-free contact and 3 m cable. Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent. Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent. I 1-phasel with 3 m cable, separate, mains-dependent NE 1 (1-phase) with sub. ball contact switch 3.0 m JP16710 NE 1 (1-phase) with sub. ball contact switch 3.0 m JP16711 ND 1 (3-phase) with sub. ball contact switch 9.5 m JP16711 ND 1 (3-phase) with sub. ball contact switch 9.5 m JP16713 NE 1A (1-phase) with sub. ball contact switch 9.5 m JP16713 ND 1A (3-phase) with sub. ball contact switch 9.5 m JP16714 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16717 Counterweight (1 piece) Controls for duplex unit (see section on Level controls for description) BD 00E (1-phase) BD 00E (1-phase) BD 00E (1-phase) Subm. switch pack Bm6 with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack Bm6 with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm JP44850 Rechargeable battery for off the line operation of the alarm JP44850 P44879 Special float assembly for low switching points (Switching height without GR ON 130 mm, OFF 80 mm) Special float assembly for continuous pump operation JP42175 Special float assembly for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314		6	Hose coupling 11/4" (DN 32) brass, for portable use	JP00327	•	•	•	•
Hose connection 1 ½" - 38/32/25 Hose set, 15 m PVC hose c/w elbow Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential-free contact and 3 m cable Alarm unit AG10 with sub. ball contact switch, ditto, 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 9 m cable, separate, mains-dependent Separate level controls for single unit [see level controls for description] NE 1 (1-phase) with sub. ball contact switch 3.0 m NE 1 (1-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 3 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm NE 2 (1-phase) with sub. ball contact switch 9.5 m and alarm NE 1 (1-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 3.0 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with sub. ball contact switch 9.5 m and alarm ND 1 (3-phase) with 9.5 m and alarm ND 1 (4-phase) w	ae		Solid fire hose coupling 1 1/4" male thread	JP44780	•	•	•	•
Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential-free contact and 3 m cable Alarm unit AG10 with sub. ball contact switch, jtin, 2,5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit [see level controls for description] NE 1 (1-phase) with sub. ball contact switch 3.0 m NE 1 (1-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m NE 1A (1-phase) with sub. ball contact switch 9.5 m ND 1A (3-phase) with sub. ball contact switch 9.5 m ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact switches with NE 2A (1-phase) with sub. ball contact swi			1 3			•	•	•
Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential-free contact and 3 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 (1-phase) with sub. ball contact switch 3.0 m JP16710 NE 2 (1-phase) with sub. ball contact switch 9.5 m JP16711 ND 1 (3-phase) with sub. ball contact switch 9.5 m JP16712 ND 3 (3-phase) with sub. ball contact switch 9.5 m JP16713 NE 1A (1-phase) with sub. ball contact switch 9.5 m JP16714 NE 2A (1-phase) with sub. ball contact switch 3.0 m and alarm JP16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16717 Counterweight (1 piece) Controls for duplex unit (see section on Level controls for description) BD 000 (1-phase) BD 000 (1-phase) BD 000 (3-phase) Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack Bm6 with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm JP44850 Rechargeable battery for low switching points [Switching height without GR 0N 130 mm, OFF 80 mm) Special float assembly for continuous pump operation JP42175 Special float assembly for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314 Support for guide rail extension ex 2 m sump depth, per m 1 peace		_	Hose connection 1 ¼" - 38/32/25	JP44209	•	•	•	•
mains-dependent, with potential-free contact and 3 m cable Alarm unit Mac10 with sub. ball contact switch, ditto, 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 (1-phase) with sub. ball contact switch 9.5 m JP16711 ND 1 (3-phase) with sub. ball contact switch 9.5 m JP16712 ND 3 (3-phase) with sub. ball contact switch 9.5 m JP16714 NE 1A (1-phase) with sub. ball contact switch 9.5 m JP16715 ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16714 NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm JP16714 ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16717 Counterweight (1 piece) JP44803 Controls for duplex unit (see section on Level controls for description) BD 00E (1-phase) JP45735 JP45993 Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack Bm6 with 3 subm. ball contact switches with 9.5 m cable and conterweight Special float assembly for low switching points [Switching height without GR 0N 130 mm, 0FF 80 mm] Special float assembly for narrow chambers (min. 30 x 30 cm) JP44207 Special float assembly for continuous pump operation JP44000 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314 Support for guide rail ex		6	·	JP43550	•	•	•	•
Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 (1-phase) with sub. ball contact switch 3.0 m JP16710 . NE 2 (1-phase) with sub. ball contact switch 9.5 m JP16711 . ND 1 (3-phase) with sub. ball contact switch 9.5 m JP16712 . ND 3 (3-phase) with sub. ball contact switch 9.5 m JP16713 . NE 1A (1-phase) with sub. ball contact switch 9.5 m JP16714 . NE 2A (1-phase) with sub. ball contact switch 9.5 m JP16715 . ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 . ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 . ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16717 . Counterweight (1 piece) JP44803 . Controls for duplex unit (see section on Level controls for description) BD 00E (1-phase) BD 00E (1-phase) JP45735 . BD 00 (3-phase) Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and string device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and string device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and string device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and string device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and string device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and string device 9.5 m cable an	P	7	mains-dependent, with potential-free contact and 3 m cable				•	•
Separate level controls for single unit [see level controls for description] NE 1 (1-phase) with sub. ball contact switch 3.0 m JP16710 NE 2 [1-phase) with sub. ball contact switch 9.5 m JP16711 ND 1 [3-phase) with sub. ball contact switch 9.5 m JP16712 ND 3 [3-phase) with sub. ball contact switch 9.5 m JP16713 NE 1A [1-phase] with sub. ball contact switch 9.5 m JP16713 NE 1A [1-phase] with sub. ball contact switch 9.5 m and alarm JP16714 NE 2A [1-phase] with sub. ball contact switch 9.5 m and alarm JP16715 ND 1A [3-phase] with sub. ball contact switch 9.5 m and alarm JP16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16717 Counterweight [1 piece] JP44803 Controls for duplex unit [see section on Level controls for description] BD 00E [1-phase] BD 00E [1-phase] BD 00 [3-phase] Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm JP44850 Rechargeable battery for low switching points Special float assembly for low switching points Special float assembly for narrow chambers [min. 30 x 30 cm] JP40856 Special float assembly for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314 Support for guide rail extension ex 2 m sump depth, per m 1 peace				JP44892			•	•
NE 1 (1-phase) with sub. ball contact switch 3.0 m NE 2 (1-phase) with sub. ball contact switch 9.5 m ND 1 (3-phase) with sub. ball contact switch 9.5 m ND 3 (3-phase) with sub. ball contact switch 9.5 m ND 3 (3-phase) with sub. ball contact switch 9.5 m NE 1A (1-phase) with sub. ball contact switch 9.5 m NE 1A (1-phase) with sub. ball contact switch 9.5 m and alarm ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) ND 1A (3-phase) JP45717 Counterweight (1 piece) ND 3A (3-phase) JP45735 ND 1A (3-phase) JP45793 ND 1A (contact switch with 3 m cable, separate, mains-dependent		•	•	•	•
NE 2 (1-phase) with sub. ball contact switch 9.5 m		8						
ND 1 (3-phase) with sub. ball contact switch 3.0 m ND 3 (3-phase) with sub. ball contact switch 9.5 m NE 1A (1-phase) with sub. ball contact switch 9.5 m NE 2A [1-phase) with sub. ball contact switch 9.5 m and alarm NE 2A [1-phase) with sub. ball contact switch 9.5 m and alarm ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) yeldang	160 x 16 0 x 125		·		•			
NE 1A (1-phase) with sub. ball contact switch 3.0 m and alarm NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm P16716 ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm P16717 P			, , , , , , , , , , , , , , , , , , , ,			•		
NE 2A (1-phase) with sub. ball contact switch 9.5 m and alarm ND 1A (3-phase) with sub. ball contact switch 3.0 m and alarm ND 1A (3-phase) with sub. ball contact switch 9.5 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16717 DCounterweight (1 piece) Controls for duplex unit (see section on Level controls for description) BD 00E (1-phase) BD 00 (3-phase) Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm JP44850 Rechargeable battery for low switching points [Switching height without GR 0N 130 mm, 0FF 80 mm) Special float assembly for narrow chambers (min. 30 x 30 cm) JP40856 Special float assembly for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314						•		
ND 1A (3-phase) with sub. ball contact switch 3.0 m and alarm ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm JP16716 Countrerweight (1 piece) Controls for duplex unit (see section on Level controls for description) BD 00E (1-phase) BD 00 (3-phase) Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm JP44850 Rechargeable battery for low switching points [Switching height without GR 0N 130 mm, 0FF 80 mm) Special float assembly for narrow chambers (min. 30 x 30 cm) JP44207 Special float assembly for continuous pump operation JP44000 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314 Support for guide rail extension ex 2 m sump depth, per m 1 peace			•					
ND 3A (3-phase) with sub. ball contact switch 9.5 m and alarm Counterweight (1 piece) Controls for duplex unit (see section on Level controls for description) BD 00E (1-phase) BD 00 (3-phase) Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm Special float assembly for low switching points [Switching height without GR 0N 130 mm, 0FF 80 mm) Special float assembly for narrow chambers (min. 30 x 30 cm) Special float assembly for continuous pump operation JP42175 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314 Support for guide rail extension ex 2 m sump depth, per m 1 peace			·		•	•		
Counterweight (1 piece) Controls for duplex unit (see section on Level controls for description) BD 00E (1-phase) BD 00 (3-phase) BD 00 (3-phase) Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm P44850 Special float assembly for low switching points [Switching height without GR 0N 130 mm, 0FF 80 mm] Special float assembly for narrow chambers (min. 30 x 30 cm) Special float assembly for continuous pump operation JP42175 Special float assembly for continuous pump operation JP42175 Special float assembly for continuous pump operation JP44000 Special float assembly for continuous pump operation JP44000 Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314 Support for guide rail extension ex 2 m sump depth, per m 1 peace						•		
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Support for guide rail extension ex 2 m sump depth, per m 1 peace JP28314 • • •			Special float assembly for continuous pump operation	JP42175			•	•
	B	•	Guide rail system GR 32	JP44000	•	•	•	•
Connection kid DN 32 with telescopable pressure pipe JP44609 • • •			Support for guide rail extension ex 2 m sump depth, per m 1 peace	JP28314	•	•	•	•
		12	Connection kid DN 32 with telescopable pressure pipe	JP44609	•	•	•	•

* only for single units

JUNG PUMPEN U6K SUBMERSIBLE DRAINAGE PUMPS

TECHNICAL DATA

Pump

Vertical, single-stage, submersible, with foot strainer with 10 mm free passage – detachable for activating low level pumping. With the pump base installed, free passage is 20 mm. Volute casing with 1 ¼" male radial pressure branch, EIP-technology hydraulics with open 6-blade impeller.

Bearings

Common shaft for pump and motor, mounted in ball bearings and permanently grease lubricated.

Seal

Silicon carbide mechanical seal, intermediate oil chamber, shaft seal ring towards the motor section, safe to run dry

Motor

Submersible motor, type of enclosure IP 68, insulation class B, motor thermostat for emergency switch-off on overheating with automatic switch-on after sufficient cooling, switched on via plug or automatic switching, moisture sealed cable inlet for protecting the pump in the event of damage to the cable, continuous operation when not submerged on account of its motor jacket cooling.

Material

Motor housing, shaft and screws in stainless steel, volute casing, impeller and control head in plastic (GRP), rubber insulated flexible cable.

Installation

Install pump vertically (hose connection possible); if installed permanently, provide detachable connection, e.g. the uncomplicated and easy to maintain guide rail system GR 32.

Scope of supply

Pump ready for connection acc. to EN 12050 with 90°, 11/4" female connection elbow, cable and plug, S model with automatic level float switch.

The pump is delivered fitted with a strainer base which can be swapped for any of the accompanying pedestols in cases where a 20 mm clear passage is required.







