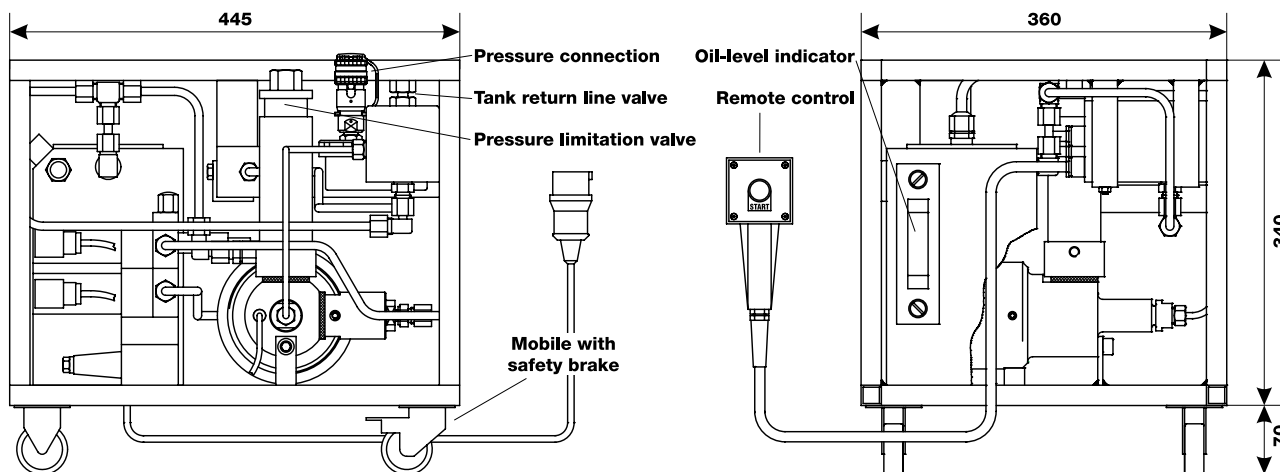


PG 22

Electrohydraulic High-pressure Unit **HDE 3000-BK** (PG 22 A3970, Version 01/2021)



Technical data (further versions on request)

	Standard	Special version
Additional mains voltage (3 P + N + PE):	360–440 V at 50 Hz 380–420 V at 60 Hz	· Without zero conductor · Alternative voltage / special voltage
Operating voltage:	400 V bei 50 Hz	
Nominal output:	0.55 kW	
Hand control housing (remote control), connection cable	Length: 5 metres	Length: 10 metres Length: ____metres
Electricity supply cable with CEE plug:	Length: 5 metres	Length: 10 metres Length: ____metres
Max. hydraulic pressure:	1600 bar 3000 bar	
Pressure connection:	G $\frac{1}{2}$ " IG M 16 x 1.5 IG	Pressure connections of various versions
Tank content:	2.5 litres	
Useful volume:	1.5 litres	
Hydraulic oil:	HLP ISO VG 32	If required by customer
Oil-level indicator:	Exists	
Conveying performance:	0.6 l/min at 700 bar	
Set-up:	Assembly-friendly arrangement of the individual components on a mobile sub-structure	
Weight (filled with oil, without distributor, without pressure gauge)	60 kg	
Length:	445 mm	
Width:	360 mm	
Height:	410 mm	
Distributor:		Distributor of various versions
Pressure gauge::	Ø 100, Class 1.0, filled with glycerine	
Packaging:	Pallet	· Transport box, simple wood · Assembly box with hinged and swivel lock · Version according to customer's wishes

Other products manufactured by SCHAFF

- Bolt tensioners
- Hydraulic nuts
- High-pressure hydraulic hoses
- Couplings, nipples, adapters, distributors up to 4000 bar
- ExpaTen, EcoRolls and many more

Complete solution from SCHAFF

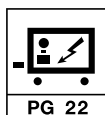
The high-pressure hydraulic generators, connection couplings and adapters are all aligned to function with SCHAFF high-pressure hydraulic tools and high-pressure hydraulic hoses = 100 % system solution.

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SCHAFF develops and produces world leading technology in the field of joining technique in all sectors of the industry.

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Electrohydraulic High-pressure Unit **HDE 3000-BK** (PG 22 A3970, Version 01/2021)

Brief denomination

0	2	2	A	3	9	7	0				/			X	/		/		/	X	X	/	X	D	B		
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

Max. pump pressure	Pump den.
3000 bar	A-3970300
1600 bar	A-3970160

Version with pressure gauge		
Distributor disk		Den.
3,000 bar	1 connector M16 x 1,5 IG 60° DK n. Z. A3970.40.1	09
	2 connectors M16 x 1,5 IG 60° DK n. Z. A3970.40.2	10
	3 connectors M16 x 1,5 IG 60° DK n. Z. A3970.40.3	11
	4 connectors M16 x 1,5 IG 60° DK n. Z. A3970.40.4	12
1,600 bar	1 connector G½" IG n. Z. A3970.60.1	01
	2 connectors G½" IG n. Z. A3970.60.2	02
	3 connectors G½" IG n. Z. A3970.60.3	03
	4 connectors G½" IG n. Z. A3970.60.4	04

External / possible adjustment 50 bar - max.
pump pressure

Operating voltage	Den.
400 V / 50 Hz, 3 P + N + PE	1
230 V / 50 Hz, 1 P + N + PE	2
200 V / 60 Hz, 3 P + PE	3
500 V / 50 Hz, 3 P + PE	4
230 V / 50 Hz, 3 P + PE	5

Pressure connection		Den.
3000 bar	Coupling Socket SVK30-M16 x 1,5 AG 58° DK	S3 / pc.
	Coupling Socket CVK16-G½" DK	C6 / pc.
1600 bar	Coupling Socket CVK16-G½" DK	C6 / pc.

Example of ordering

0	2	2	A	3	9	7	0	3	0	0	/	1	0	X	/	S	3	/	2	/	X	X	/	X	D	B	1
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

PG 22

Electrohydraulic high-pressure unit
with max. pump pressure of 3000 bar

Distributor disk with
2 connectors
M16 x 1,5 IG 60° DK

Connectors, occupied with 2 SVK 30-M16 x 1.5 AG 58 DK
quick-locking coupling sockets

Operating
voltage
400 V / 50 Hz

Enclosed accessories

Operating and maintenance instructions

Special wishes

Please state further special wishes here:

Abbreviations

IG = Internal thread AG = External thread DK = Conical nipple n. Z. = according to drawing BSP = British Standard Pipe

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