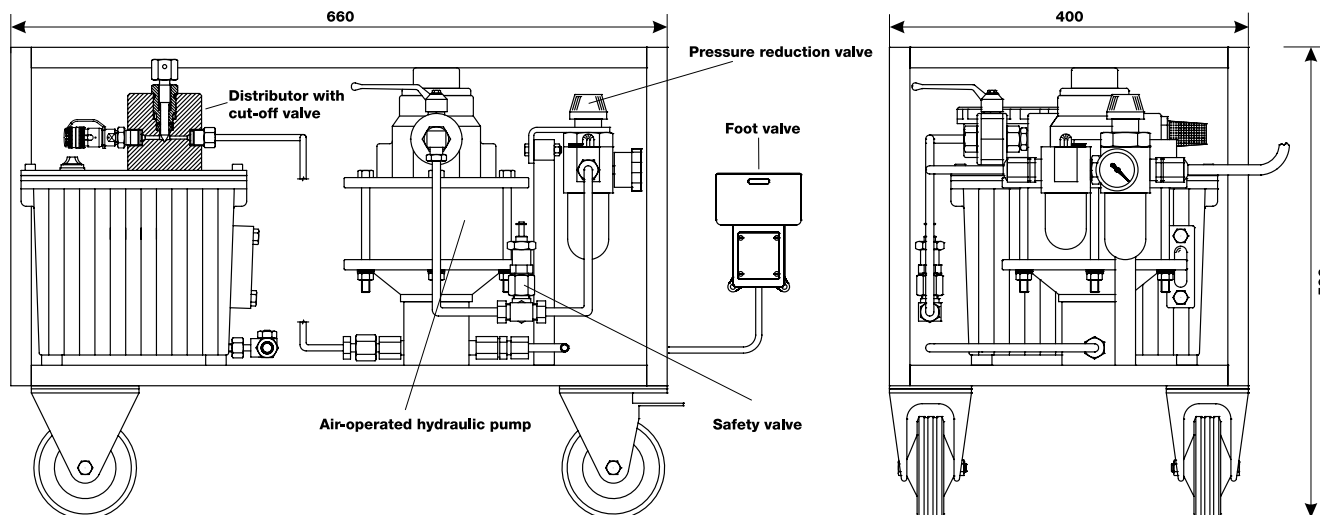


Air-Hydraulic Pump HDL 1600-4000

(PG 22 A3720, Version 04/2007)



Technical data (further versions on request)

| | Standard | | | Special version |
|--|--|----------|----------|--|
| Max. hydraulic pressure: | 4000 bar | 3000 bar | 1600 bar | |
| Safety valve on the air pressure side: | Factory set approx. to max. hydraulic pressure | | | Pressure limitation valve positioned outside on the hydraulic side adjustable from 0 to 4000 bar |
| | 4000 bar | 3000 bar | 1600 bar | |
| Pressure intensifier: | Pressure ratio from 1 bar air pressure to 740 bar hydraulic pressure | | | |
| Maintenance unit: | Adjustable pressure reducer and oil injector for working with oiled compressed air | | | |
| Pressure connection: | According to type key | | | Pressure connections of various versions |
| Pressure gauge: | Ø 100, Class 1.0, filled with glycerine | | | Additional manometers in various accuracy classes and calibres |
| | 4000 bar | 3000 bar | 1600 bar | |
| Air cut-off valve: | Hand and/ or foot operated | | | |
| Tank: | Aluminium tank with 6 litre useable volume and externally visible oil level gauge | | | Aluminium tank with 11 or 15 litre useable volume |
| Hydraulic oil: | HLP ISO VG 15 | | | If required by customer |
| Set-up: | Maintenance-friendly arrangement of the individual components, steel tube frame, sound suppressor on the air pressure side, mobile | | | Mounted on assembly dolly, furnished with trailer ring |
| Weight (filled with oil): | approx. 34 kg | | | |
| Length: | 660 mm | | | |
| Width: | 400 mm | | | |
| Height: | 596 mm | | | |
| Packaging: | Pallet | | | · Transport box, simple wood · Assembly box with hinged and swivel lock · Version according to customer's wishes |

Other products manufactured by SCHAAF

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

Complete solution from SCHAAF

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

www.schaaf-gmbh.com

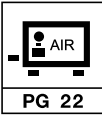
Visit us on the internet and convince yourself of our innovative services and products.

SCHAAF has been developing and manufacturing high-pressure hydraulic tools since 1954.





SCHAFF®



Air-Hydraulic Pump HDL 1600-4000

(PG 22 A3720, Version 04/2007)

Brief denomination

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| 0 | 2 | 2 | A | 3 | 7 | 2 | 0 | | | | / | | | X | / | | | / | | / | | | / | | | | |
| 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 | |

| Max. pump pressure | Pump den. |
|--------------------|-----------|
| 4000 bar | A-3720400 |
| 3000 bar | A-3720300 |
| 1600 bar | A-3720160 |

| Precision pressure - limitation valve , a.d. A1935 | Den. |
|--|------|
| External / possible adjustment 50 bar - max. pump pressure | DB |

| | Distributor block | Den. |
|-----------|----------------------------------|------|
| 4.000 bar | 1 connector M16 x 1,5 IG 60° DK | 09 |
| | 2 connectors M16 x 1,5 IG 60° DK | 10 |
| | 3 connectors M16 x 1,5 IG 60° DK | 11 |
| | 4 connectors M16 x 1,5 IG 60° DK | 12 |
| 1.600 bar | 1 connector G¼" IG | 05 |
| | 2 connectors G¼" IG | 06 |
| | 3 connectors G¼" IG | 07 |
| | 4 connectors G¼" IG | 08 |
| | Supply / return distributor | VR |

| | Pressure connection | Den. |
|----------|--|----------|
| 4000 bar | Coupling Socket SVK40-M16 x 1.5 AG 58° DK | S4 / pc. |
| 4000 bar | Adapter MA M16 x 1.5 AG 58° DK / G¼" AG 60° DK | MA / pc. |
| 3000 bar | Coupling Socket SVK30-M16 x 1.5 AG 58° DK | S3 / pc. |
| 3000 bar | Adapter MA M16 x 1.5 AG 58° DK / G¼" AG / 60° DK | MA / pc. |
| 1600 bar | Coupling Socket CVK16-G¼" AG | C6 / pc. |
| 1600 bar | Adapter KA G¼" AG / M14 x 1.5 AG / 60° DK | KA / pc. |

Example of ordering

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0 | 2 | 2 | A | 3 | 7 | 2 | 0 | 3 | 0 | 0 | / | 1 | 2 | X | / | S | 3 | / | 2 | / | M | A | / | 2 | 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 |

PG 22

Air-operated hydraulic pump with max. pump pressure of 3000 bar

Distributor disk with 4 connectors M16 x 1.5 IG 60° DK

2 SVK-40-M16 x 1.5 AG 58° DK coupling sockets and 2 adapters MA M16 x 1.5 AG 58° DK / G¼" AG 60° DK

External pressure-limitation valve

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

SCHAFF has been developing and manufacturing high-pressure hydraulic tools since 1954.

