

Hydraulic accessories

Many devices like e.g. pressure gauges, pressure switches, accumulators etc. are integrated in hydraulic circuits by means of fittings. A wide range of fittings enables mounting of these devices in all kind of installation positions to hydraulic power packs and valves from HAWE. Reducers help to combine them with other devices.

There are two types of filters, which serve to protect hydraulic devices, preferably directional valves from coarse so-called vagabond, contamination which occur sometimes. The screen filters are to restrain coarse particles whereas wire mesh filters should be used for hydraulic circuits with rather low flow only.



Nomenclature: Reducers
Fittings
Screen filters
Wire mesh filters
Pressure gauges

Design: Screw-in version with housing for in-line installation

P_{max}: 350 ... 700 bar

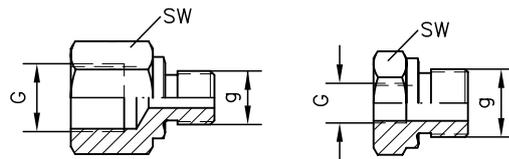
Versions

Reducers (various dimensions)

G - g

- Female - male thread
- BSPP thread - metric thread
- BSPP thread - BSPP thread
- Metric thread - metric thread
- Metric thread - BSPP thread

Drawing



SW = a/f
a/f 19 - a/f 55

Examples: G 1/2 A - M 16 x 1.5

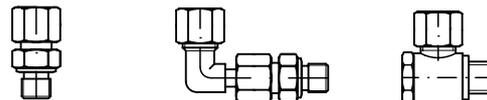
G 1/2 - G 1A

Connection elements

- Male stud fitting G 1/4 (BSPP)
- Male bulkhead fitting G 1/4 (BSPP)
- Male cutting ring fittings for pipes with external diameter 6 to 20 mm
- Male stud fittings
- Banjo fittings
- Elbow fittings

Drawing

Symbol



Examples: Male stud fitting
Type X ... G

Bulkhead elbow fitting
Type X ... V

Banjo fitting
Type X ... S

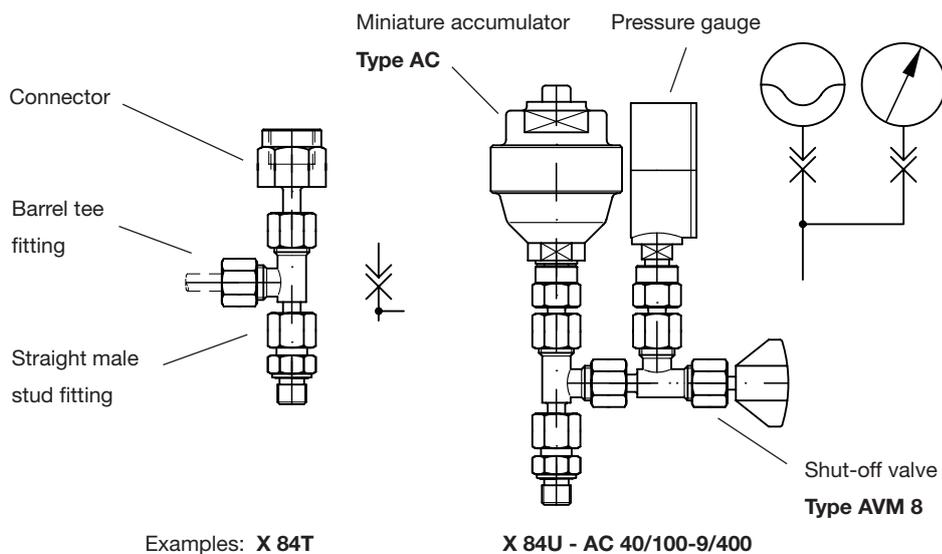
Fitting combinations

Consisting of:

- Connector
- Straight male stud fitting
- Banjo fitting
- Barrel tee fitting
- Elbow fitting
- Shut-off valve AVM 8 1)
- Plug

1) See also "Further information"

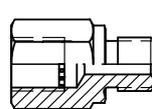
Drawings and symbols



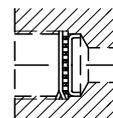
Strainers and wire mesh filters

- BSPP thread
- Metric thread
- Screw-in strainer type HFC (hole- \varnothing 0.63)
- Screw-in wire mesh filter disc type HFC.. F (filter fineness approx. 100 μ m)
- Also available with housing

Drawing and symbol



Version with housing



Screw-in strainer or wire mesh filter disc

Order examples

HFC 1/4 F

Screw-in wire mesh filter for ports G 1/4, filter fineness approx. 100 μ m

HFE 3/8

Strainer with housing (hole- \varnothing approx. 0.5 mm), with connection thread G 3/8 (male and female)

Further information

- Reducers D 845
- Fittings type X D 7065
- Fitting combination type X84 D 7077

- Strainers and wire mesh filters D 7235
- Shut-off valves type AVM 8 D 7690
- See also section "Devices for special applications" (Hydraulics for clamping)

For page and section of the devices additionally listed, see type index