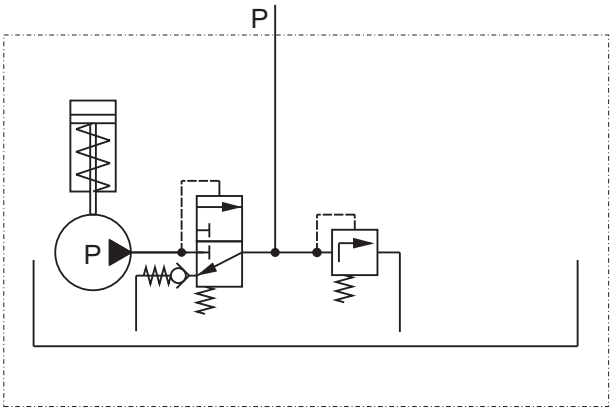
Technical description

The hydraulic pumps PH1 to PH10 are used at machines and systems at which hydraulic oil can be used for the drive.

Dynamic metering valves are used to supply the lubrication points.

The control is carried out via an 3/2-way solenoid valve for simple piston stroke and via 4/2-way solenoid valve for up-and-down stroke.

Hydraulic plan



Technical Data

Hydraulic pump

Output rate:	PH1: 1 cm^3/stroke PH6: 6 cm^3/stroke PH10: 10 cm^3/stroke
Ratio:	PH1: 1 : 2 PH6: 1 : 2 PH10: 1 : 1
Starting pressure:	22 - 200 bar
Per. operating pressure:	max. 55 bar
Relief pressure:	1 - 2 bar
Pressure relief valve:	adjusted to 55 bar
Lubricant:	oil, 20 - 700 mm^2/s fluid grease (according to release list)
Temperature range:	medium 0 - 70°C ambient 0 - 40°C

Operating mode:

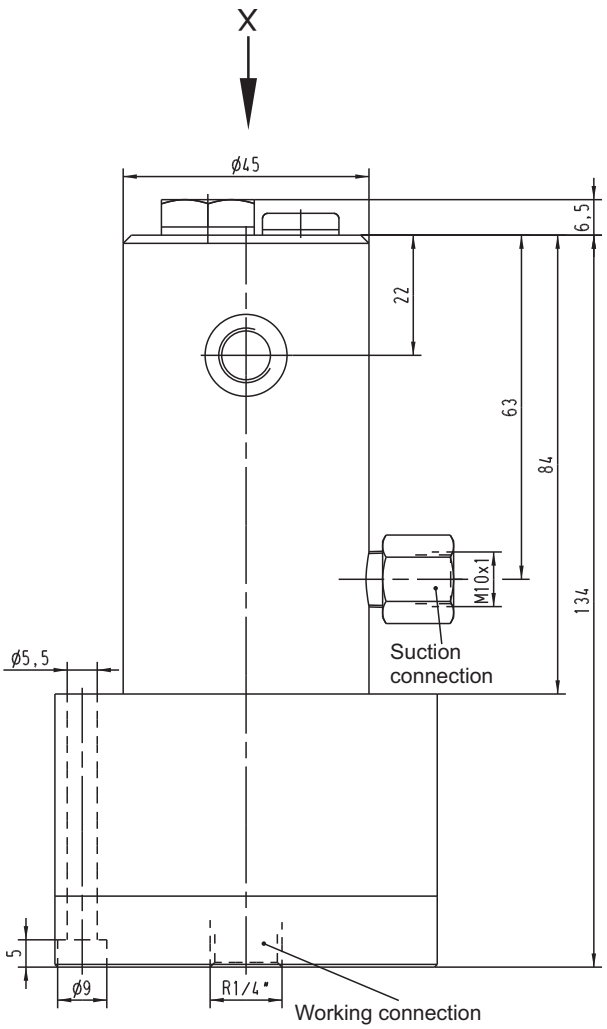
Hydraulic actuation via 3/2-way solenoid valve (simple piston stroke) resp. 4/2-way solenoid valve (up-and-down stroke). Return of the pump by spring force.

1090200388

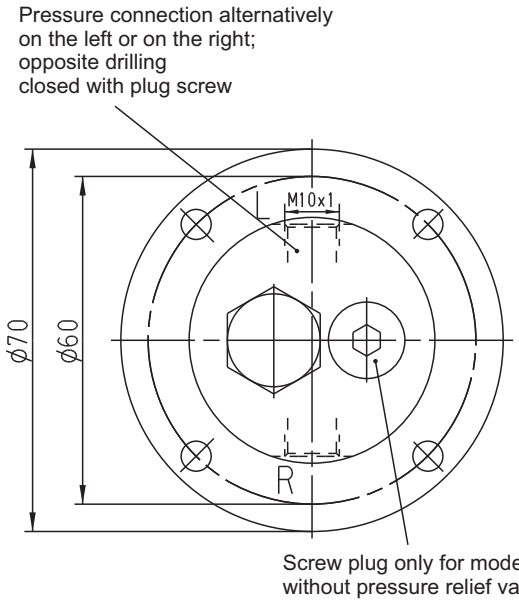
© BEKA 2014 All rights reserved!

Subject to alterations!

BAIER + KÖPPEL GmbH + Co. KG PRÄZISIONSAPPARATEFABRIK | BEETHOVENSTR. 14 D-91257 PEGNITZ | POSTFACH 1320 D-91253 PEGNITZ | TEL.: +49 9241 729-0 FAX: +49 9241 729-50 | WEB: www.beka-lube.de E-MAIL: beka@beka-lube.de



Drawing X



FAZ00923-00

Order key type-no. 2577

2577.01.01.02.000

Delivery rate	PH1: 1 cm³/stroke	PH6: 6 cm³/stroke	PH10: 10 cm³/stroke
Code-no.	01	02	03
Pressure connection	L	R	
Code-no.	01	02	
Pressure relief valve	with	without	
Code-no.	01	02	
Special models			

Subject to alterations!

© BEKA 2014 All rights reserved!

BAIER + KÖPPEL GmbH + Co. KG
PRÄZISIONSAPPARATEFABRIK
BEETHOVENSTR. 14
D-91257 PEGNITZ
POSTFACH 1320
D-91253 PEGNITZ
TEL.: +49 9241 729-0
FAX: +49 9241 729-50
WEB: www.beka-lube.de
E-MAIL: beka@beka-lube.de