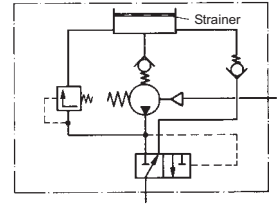




**Single-line pump
PEK-A**



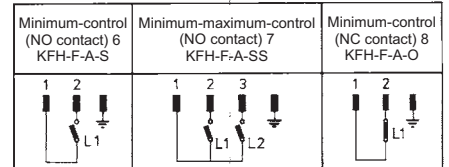
Application:

Supply pump in single-line centralized lubrication systems.

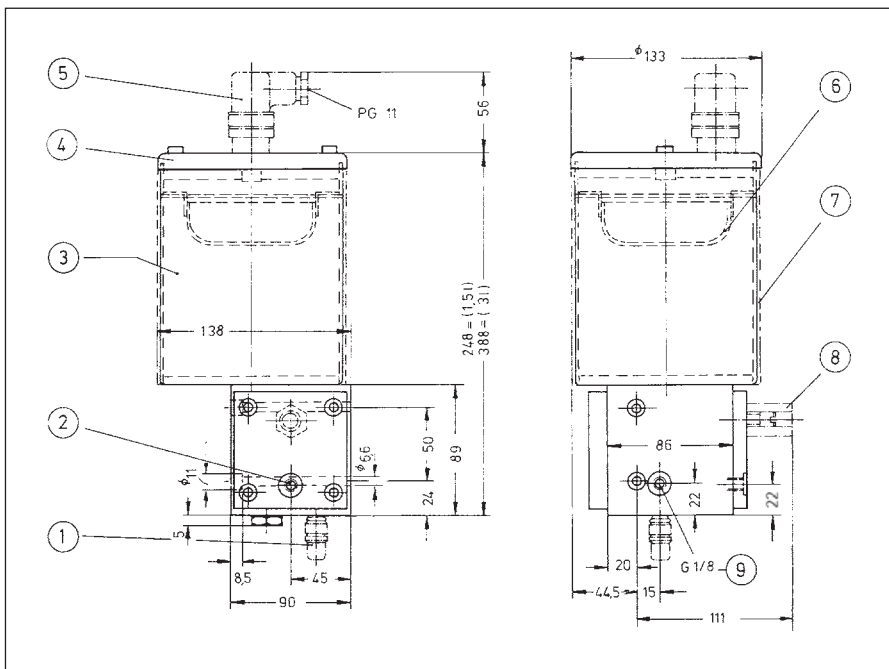
Technical data:

Delivery capacity per stroke
not adjustable: 10 cm³
adjustable: 0 or 1 ... 10 cm³
Actuating pressure p₂ (air): 3 ... 10 bar
Delivery pressure p₁: appr. 10 x p₂ - 8 bar
Max. delivery pressure: 32 bar
Residual pressure after
pressure reduction: 0,8 bar
Temperature range: -10 ... +60 °C
Viscosity range: 10 ... 3000 cSt
Usable reservoir capacity: 1,5 or 3 l
Weight: 2,8 kg
Installation position: as shown

Electrical data:
for level switch



Protection type: IP65
Plug-and-socket-connection: DIN 43650
Switching voltage: max. 230 VUC
Switching current: max. 0,5 A
Switching capacity: 10 W
temporarily 30 VA



- Subject to modifications -

Instruction to dimensional drawing:

Pos.	Designation	Order-no.	Pos.	Designation	Order-no.	Pos.	Designation	Order-no.
1	Filling connection "B" Plug	954.000-08	4	Plastic cover without hole for level switch	252.230-25	6	Fill strainer (300 µm)	157.017-45
	Dust cap	954.000-09		with hole for level switch	157.019-45	7	Protective shell galvanized sheet steel	157.041-45
2	Actuating pressure connection G1/8 (P ₂)		5	Level switch KFH-F-A-S	"6"	8	Infinitely variable delivery control	157.020-65
3	Reservoir PVC-transparent 1,5l	157.005-65		KFH-F-A-SS	"7"	9	Outlet G1/8 (P ₁)	
	3,0l	157.010-65		KFH-F-A-O	"8"			
							Sealings:	
							Sealing kit "P"	157.052-65
							Sealing kit "V"	157.053-65

**Single-line pump PEK-A
157.000**

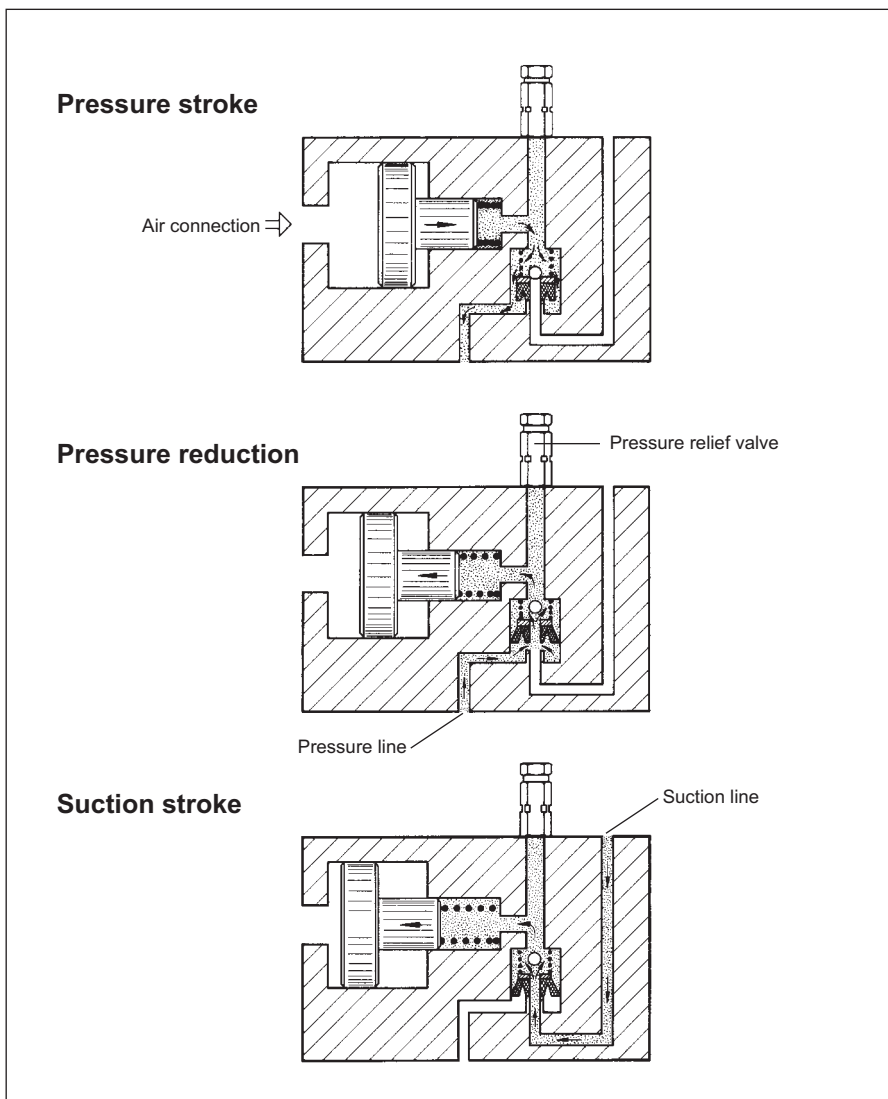
EUGEN WOERNER GmbH & Co. KG
Postfach 1661 D-97866 Wertheim
Am Eichamt 8 D-97877 Wertheim
Tel. +49 (0) 9342 803-0 info@woerner.de
Fax. +49 (0) 9342 803-202 www.woerner.de

Leaflet-No. 0053.07.03 GB
Supplements No.
Replaces No. 0053.10.98 GB

Order-designation:

 Single-line pump **PEK-A**


Delivery volume per stroke	Reservoir [l]	Level switch	Filling connection	Protective shell for reservoir	Fill strainer	Sealing compound
10 cm ³ ①	1,5 ①,5	without ①	without ①	without ①	without ①	NBR (Perbunan) ①
infinitely variable from 1 to 10 cm ³ ②	3,0 ③,0	with ③ ④ ⑤	with ②	with ②	with ② ¹⁾	FPM (Viton) ②

¹⁾ possible at version without level switch only.

Purchasing-example:

Pump PEK-A; delivery capacity continuously adjustable; reservoir 1,5l; without level switch; with filling connector; without protective coating; with fill strainer; sealing compound perbunane.

Order-designation:

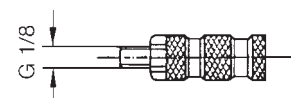
PEK-A / F / 1,5 / 0 / B / 0 / S / P

Functional principle:
Mode of work:

A pneumatically unilaterally operated piston delivers the oil into the delivery pipe. Due to the spring power the piston is reset in order to suck the oil from the reservoir in. During the suction process the delivery pipe's pressure will be decreased down to approx. 0,8 bar. The integrated pressure control valve opens at 32 bar.

Note:

When air pressure is impinged suddenly, the pressure control valve's start-to-leak pressure may be exceeded and that pressure will not build up in the outlet then. As a result, the delivery capacity will decrease.

Accessories:

 Lock coupling 954.000-07
 VK-S-4 WN 540
 (Counter part for filling connector "B")

- Subject to modifications -