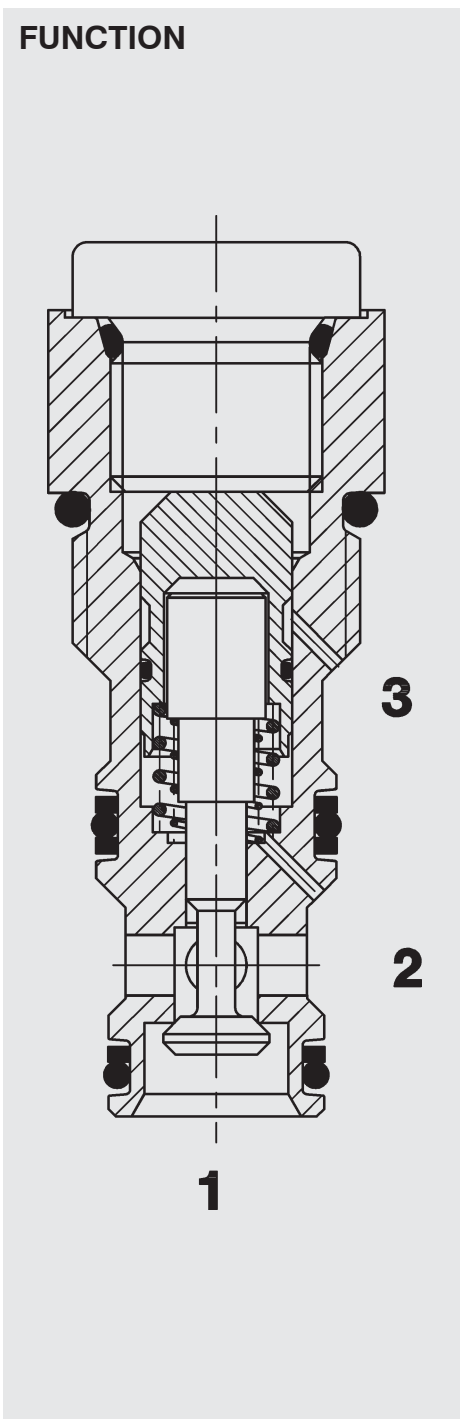


FUNCTION



The RP08A allows flow from 2 to 1 and blocks flow from 1 to 2 until sufficient pressure is present at 3 to permit flow.

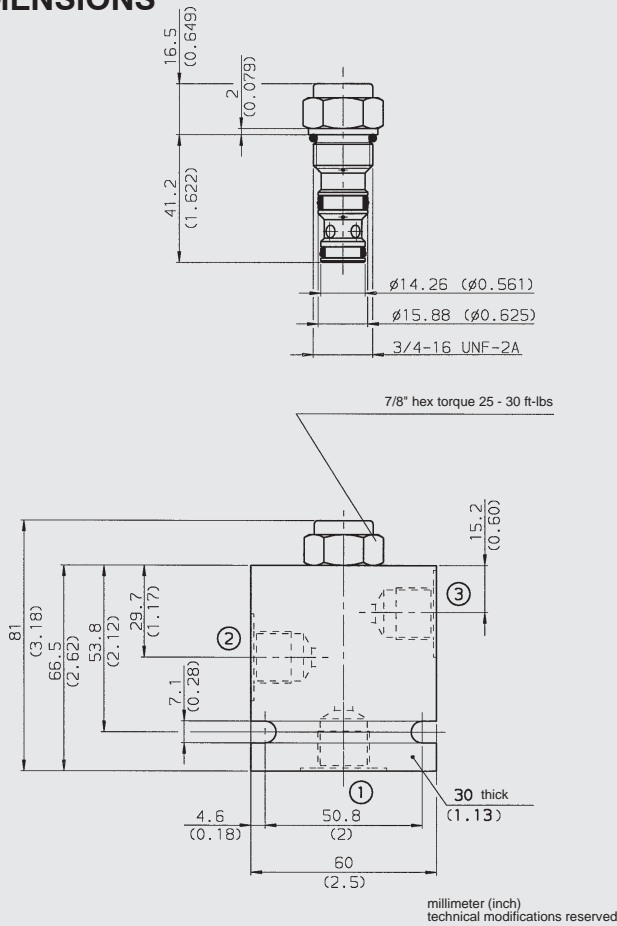
FEATURES

- All surfaces zinc-plated and corrosion proof
- Spring return at the pilot for safe valve operation
- Optional sealed pilot
- Low leakage design
- Quick response
- Compact design
- All valve parts made of high-strength steel with hardened and ground components to ensure minimal wear and to extend service life

SPECIFICATIONS

Operating pressure max.:	420 bar
Nominal flow:	38 l/min
Internal leakage:	0.1 cc/min
Standard cracking pressure:	1.00 bar
Media operating temp. range:	-20 °C to +120 °C
Fluids:	Mineral-based or synthetics with lubricating properties
Viscosity:	7.4 to 420 cSt
Filtration:	Class 21/19/16 according to ISO 4406 or cleaner
Material:	Valve body: carbon steel Pilot: carbon steel Poppet: carbon steel Seals: NBR (Standard) FKM (Optional)
Cavity:	FC08-3
Weight:	88 g

DIMENSIONS



MODEL CODE

RP08A-01 - C - NS - 15- 3

Basic Model

Body and Ports*

- C = Cartridge only
- SB3 = 3/8 BSP ports, steel body
- SS6 = SAE-6 ports, steel body
- AB3 = 3/8 BSP ports, aluminium body
- AS6 = SAE-6 ports, aluminium body

Seals

- N = NBR
- NS = NBR with Piston Seal
- V = FKM
- VS = FKM with Piston Seal

Cracking Pressure

15 = 1 bar

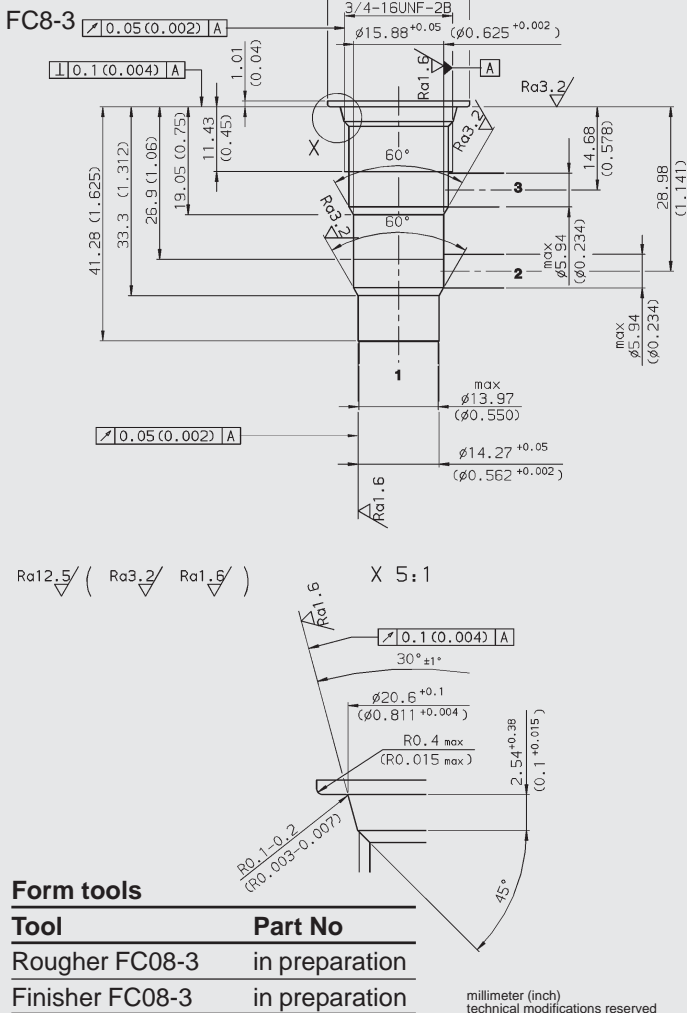
Pilot Ratio

- 3 = 3:1
- 4 = 4:1

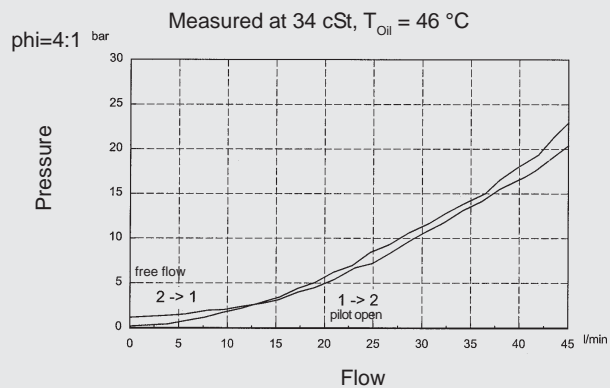
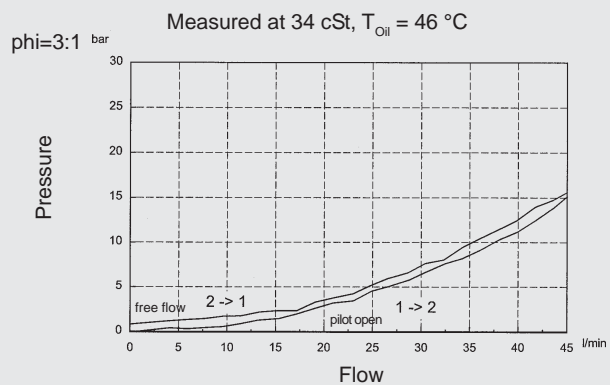
* Standard Line Bodies

Code	Part No	Material	Ports	Pressure
FH083-SB3	560922	Steel, zinc-plated	3/8 BSP	420 bar
FH083-SS6	560920	Steel, zinc-plated	SAE-6	420 bar
FH083-AB6	3011427	Aluminium, clear anodized	3/8 BSP	245 bar
FH083-AS6	3011424	Aluminium, clear anodized	SAE-6	245 bar

CAVITY



PERFORMANCE



NOTE

The information in this brochure relates to the operating conditions and applications described. For applications or operating conditions not described, please contact the relevant technical department. Subject to technical modifications.

HYDAC Fluidtechnik GmbH
Justus-von-Liebig-Str.
D-66280 Sulzbach/Saar
Tel: 0 68 97 /509-01
Telefax: 0 68 97 /509-598
E-Mail: flutec@hydac.com