

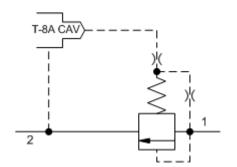
MODEL RPKC8

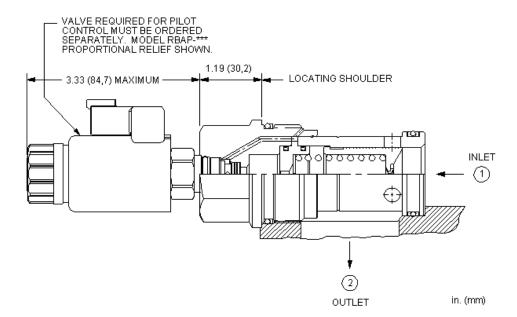
Pilot-operated, balanced piston relief main stage with integral T-8A control cavity

CAPACITY: 200 gpm / CAVITY: T-18A



sunhydraulics.com/model/RPKC8





This valve is a normally closed modulating element that incorporates an integral pilot control cavity. It is a balanced piston design. The pilot control cavity will accept any T-8A pressure control cartridge. When the pressure at the inlet (port 1) reaches the pilot control cartridge's setting, the modulating element starts to open to tank (port 2), throttling flow to regulate the pressure. The pilot cartridge's setting determines the difference in pressure between port 1 and port 2.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi
Control Pilot Flow	15 - 20 in³/min.
Main stage leakage at 110 SUS (24 cSt)	5 in³/min.@1000 psi
Pilot Control Cavity	T-8A
Seal kit - Cartridge	Buna: 990-018-007
Seal kit - Cartridge	EPDM: 990-018-014
Seal kit - Cartridge	Polyurethane: 990-018-002
Seal kit - Cartridge	Viton: 990-018-006

NOTES: • Compound cartridge (pilot and main stage) assembly information is provided for reference only. Cartridges must be ordered separately and assembled at point of use.

CONFIGURATION OPTIONS Model Code Example: RPKC8WN

ADJUSTMENT RANGE (W) SEAL MATERIAL (N)

W 100 - 5000 psi (7 - 350 bar)

D 25 - 3000 psi (1,7 - 210 bar)

N Buna-N

E EPDM

V Viton

©2024 Sun Hydraulics 1 of 1