



Dual, cross-port relief assembly with anti-cavitation checks

CAPACITY: 25 gpm



sunhydraulics.com/model/YRDK

This assembly provides cross-port relief and anti-cavitation protection between ports 1 and 2.

1/4 BSPP 1A 2A RPEC1 T-10A T-10A CXDA1 T-13A T-13A T-13A T-13A 2 1/4 BSPP 1/4 BSPP 1/4 BSPP 1/4 BSPP 1/4 BSPP 1/4 BSPP

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

Body Type	Line mount	
Capacity	25 gpm	
Mounting Hole Diameter	.34 in.	
Mounting Hole Quantity	2	

NOTES: • *Important:* Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.

• For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

©2024 Sun Hydraulics 1 of 2



Dual, cross-port relief assembly with anti-cavitation checks

CAPACITY: 25 gpm

Continued from previous page

OPTION SELECTION EXAMPLE: YRDKLANAJ

CONTROL (L	_) ADJUSTMENT RANGE	(A) SEAL MATERIAL	(N)
------------	---------------------	-------------------	-----

L	Standard Screw Adjustment	Α	100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar)	N	Buna-N
С	Tamper Resistant - Factory Set		Standard Setting	V	Viton
F	Hex Head Screw with Locknut	В	50 - 1500 psi (3,5 - 105 bar), 1000 psi (70		
W	Hex Wrench Adjustment Tri-Grip Handknob	bar) Standard Setting	, ,		
Υ		С	150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting		
		D	25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting		
		E	25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting		
		N	60 - 800 psi (4 - 55 bar), 400 psi (28 bar) Standard Setting		
		Q	60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting		
		W	150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting		

PRIMARY CARTRIDGE (A)

Α	4 psi (0,3 bar) (with RPEC primary cartridge, Pilot-operated, balanced piston relief valve)
В	15 psi (1 bar) (with RPEC primary cartridge, Pilot-operated, balanced piston relief valve)
С	30 psi (2 bar) (with RPEC primary cartridge, Pilot-operated, balanced piston relief valve)
D	50 psi (3,5 bar) (with RPEC primary cartridge, Pilot-operated, balanced piston relief valve)
E	75 psi (5 bar) (with RPEC primary cartridge, Pilot-operated, balanced piston relief valve)
F	100 psi (7 bar) (with RPEC primary cartridge, Pilot-operated, balanced piston relief valve)
Z	1 psi (0,07 bar) (with RPEC primary cartridge, Pilot-operated, balanced piston relief valve)
Z	1 psi (0,07 bar) (with RPEC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
F	100 psi (7 bar) (with RPEC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
E	75 psi (5 bar) (with RPEC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
D	50 psi (3,5 bar) (with RPEC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
С	30 psi (2 bar) (with RPEC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
В	15 psi (1 bar) (with RPEC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
Α	4 psi (0,3 bar) (with RPEC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)

INCLUDED COMPONENTS

Part	Description	Quantity
CXDAXAN	Cartridge	2
RPECLAN	Cartridge - Primary	2

©2024 Sun Hydraulics 2 of 2