



HP75 Series

Interchanges for spin-on filter
HC7500, 50-AT series

Hy-Pro G6 Dualglass High Performance Filter Elements

Performance

Temperature: -45f to 225f, -43c to 107c (buna)
-20f to 250f, -29c to 120c (viton)
Element collapse 100 psid (7 bar)

Media

G6 media pleat pack features our latest generation of graded density glass media that delivers required cleanliness while optimizing dirt capacity.

Dynamic Filter Efficiency

DFE rated elements perform true to rating even under demanding variable flow and vibration conditions. Today's industrial and mobile hydraulic circuits require elements that deliver specified cleanliness under all circumstances. Wire mesh supports the media to ensure against cyclical flow fatigue, temperature, and chemical resistance failures possible in filters with synthetic support mesh.

Tested to ISO quality standards

ISO 2941	Collapse and burst resistance
ISO 2942	Fabrication and Integrity test
ISO 2943	Material compatibility with fluids
ISO 3724	Flow fatigue characteristics
ISO 3968	Pressure drop vs. flow rate
ISO 16889	Multi-pass performance testing

Fluid Compatibility

Petroleum based fluids, water glycols, polyol esters, phosphate esters, HWBF

Interchange by series: (For complete part numbers check the interchange guide)

Pall

HC7500S##4H
HC7500S##4Z
HC7500S##8H
HC7500S##8Z

Hy-Pro

HP75L4-#MB
HP75L4-#MV
HP75L8-#MB
HP75L8-#MV

Parker

50AT
50AT-2

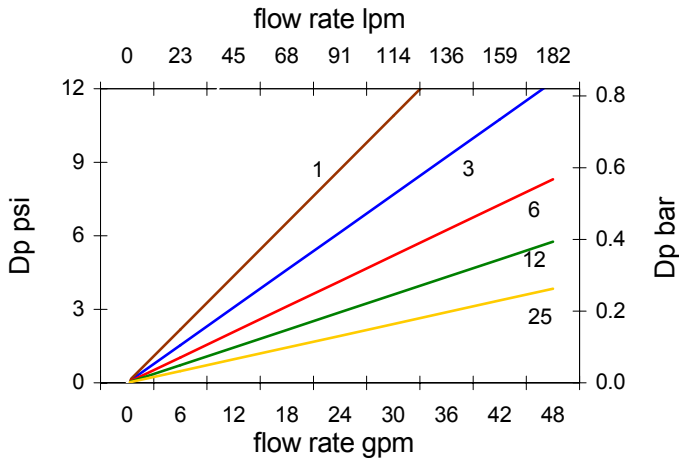
Hy-Pro

HP75L4-##B
HP75L8-##B

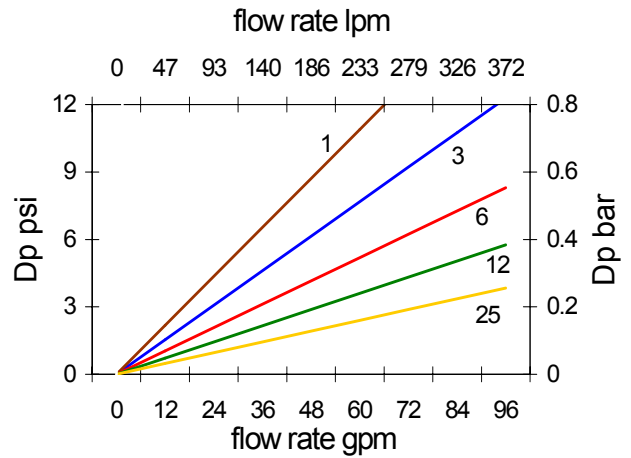
*For Fluorocarbon seals where Pall number ends with "Z" change "B" in Hy-Pro number to "V".

Media types available include Dualglass, Wire mesh, Water removal and Dynafuzz media types are available. Call or consult the Hy-Pro on line interchange guide at www.filterelement.com

L4 Dualglass Dp vs flow rate



L8 Dualglass Dp vs flow rate



Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 150 SUS, and specific gravity = 0.9. Dp across element is proportionally related to viscosity and specific gravity. For new DP use the following conversion formula:
DP element = DP curve x Actual Viscosity/150 x Actual SG/0.86

table 1 table 2 table 3 table 4 table 5

HP75L _____ - _____ - _____ - _____ - _____

table 1	
code	length
4	single
8	double

table 2	
code	filtration rating
1	B2.5[c] = 1000 (B1 = 200)
3	B5[c] = 1000 (B3 = 200) or 3u nominal cellulose*
6	B7[c] = 1000 (B6 = 200)
12	B12[c] = 1000 (B12 = 200)
10	10u nominal cellulose*
25	B22[c] = 1000 (B25 = 200) or 25u nominal cellulose*

table 3	
code	media type
C	Cellulose
M	G6 Dualglass

table 4	
code	seal
B	Nitrile (buna)
V	Fluorocarbon
E	EPR

table 5	
code	special option
PLP	water removal capabilities

Hy-Pro filters are tested to the latest industry standard ISO16889 (replacing ISO4572) resulting in A new scale for defining particle sizes and determining a beta ratio.

New (ISO16889) vs Old (ISO4572) size comparison

Bx(c)=1000 (ISO16889)	2.5	5	7	12	22
Bx=200 (ISO4572)	<1	3	6	12	25

