



# HP63 Series

Interchanges for Pall Pressure filter  
HC6300 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 250 psid (17 bar)

### Interchange

#### Pall

HC6300F#N8H  
HC6300F#P8H  
HC6300F#S8H  
HC6300F#T8H  
HC6300F#Z8H  
HC6300F#N13H  
HC6300F#P13H  
HC6300F#S13H  
HC6300F#T13H  
HC6300F#Z13H  
HC6300F#N16H  
HC6300F#P16H  
HC6300F#S16H  
HC6300F#T16H  
HC6300F#Z16H

#### Hy-Pro

HP63L8-6MB  
HP63L8-3MB  
HP63L8-12MB  
HP63L8-25MB  
HP63L8-1MB  
HP63L13-6MB  
HP63L13-3MB  
HP63L13-12MB  
HP63L13-25MB  
HP63L13-1MB  
HP63L16-6MB  
HP63L16-3MB  
HP63L16-12MB  
HP63L16-25MB  
HP63L16-1MB

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

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](http://www.filterelement.com)

### Fluid Compatibility

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

### Media

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

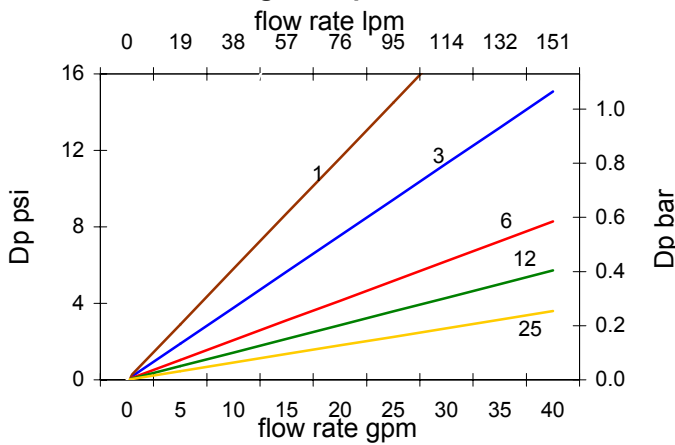
### Dynamic Filter Efficiency

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.

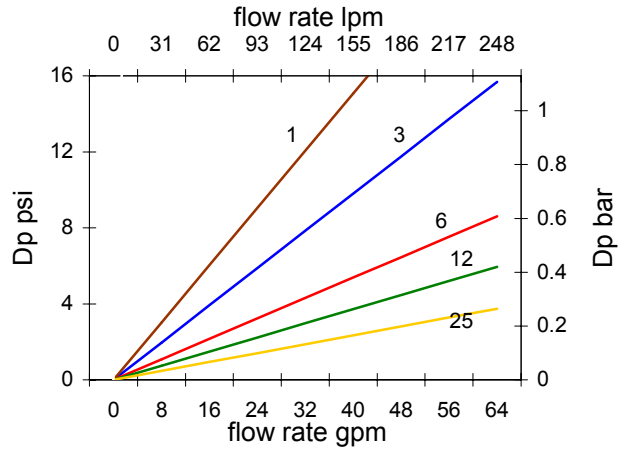
### Tested to ISO quality standards

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

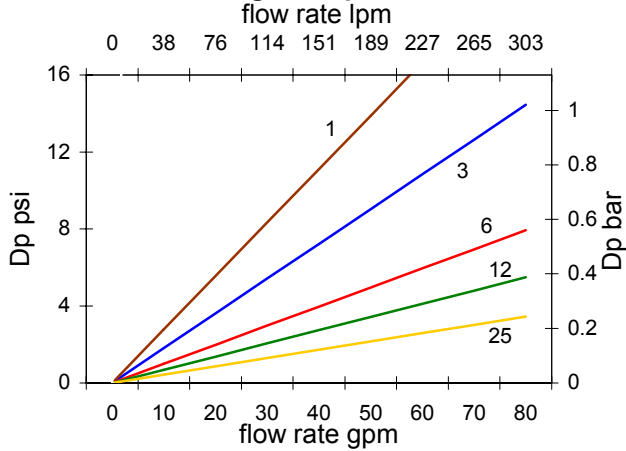
**L8 Dualglass Dp vs flow rate**



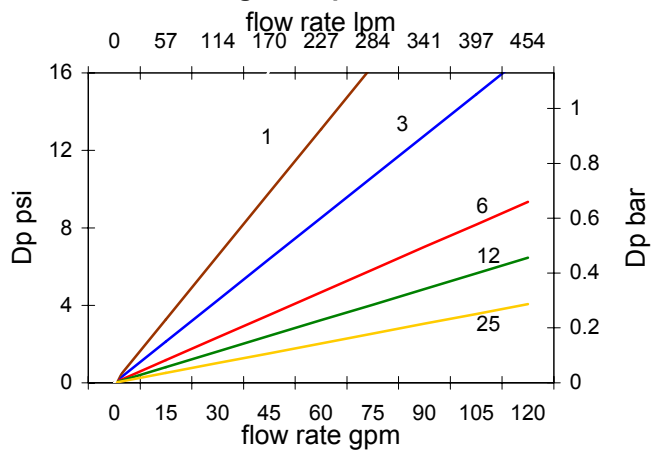
**L13 Dualglass Dp vs flow rate**



**L16 Dualglass Dp vs flow rate**



**L26 Dualglass Dp vs flow rate**



**Pressure Drop Calculation**

Pressure drop curves based on oil viscosity of 150 SSU, 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 Viscosity/150 x SG/0.86**

table 1      table 2      table 3      table 4

**HP63L**      -      -      -      -

table 1	code	length
	8	single
	13	double
	16	triple
	26	quad

table 2	code	filtration rating
	1	B2.5[c] = 1000 (B1 = 200)
	3	B5[c] = 1000 (B3 = 200)
	6	B7[c] = 1000 (B6 = 200)
	12	B12[c] = 1000 (B12 = 200)
	17	B15[c] = 1000 (B17 = 200)
	25	B22[c] = 1000 (B25 = 200) or nominal wire mesh
	74	74u nominal wire mesh
	149	149u nominal wire mesh

table 3	code	Media
	A	G6 Dualglass w/water removal
	M	G6 Dualglass
	SF	Dynafuzz
	W	wire mesh

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

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

