HP06DH Series

Interchanges for Hycon/Hydac 0060D/0110D/0140D pressure 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	3000 psid (210 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

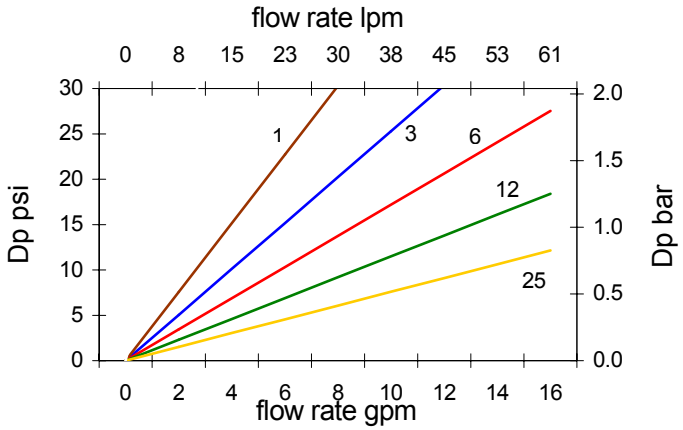
Hydac/Hycon	Hy-Pro
0060D003BH3HC	HP06DHL4-3MB
0060D003BHHC	HP06DHL4-3MB
0060D005BH	HP06DHL4-6MSB
0060D005BH3HC	HP06DHL4-6MB
0060D005BHHC	HP06DHL4-6MB
0060D010BH	HP06DHL4-12MSB
0060D010BH3HC	HP06DHL4-12MB
0060D010BHHC	HP06DHL4-12MB
0060D020BH3HC	HP06DHL4-25MB
0060D020BHHC	HP06DHL4-25MB
0110D003BH3HC	HP06DHL7-3MB
0110D003BHHC	HP06DHL7-3MB
0110D005BH3HC	HP06DHL7-6MB
0110D005BHHC	HP06DHL7-6MB
0110D010BH3HC	HP06DHL7-12MB
0110D010BHHC	HP06DHL7-12MB
0110D020BH3HC	HP06DHL7-25MB
0110D020BHHC	HP06DHL7-25MB
0140D003BH3HC	HP06DHL8-3MB
0140D003BHHC	HP06DHL8-3MB
0140D005BH3HC	HP06DHL8-6MB
0140D005BHHC	HP06DHL8-6MB
0140D010BH3HC	HP06DHL8-12MB
0140D010BHHC	HP06DHL8-12MB
0140D020BH3HC	HP06DHL8-25MB
0140D020BHHC	HP06DHL8-25MB

*If No HC in Hydac/Hycon p/n or number not listed above call or consult interchange guide

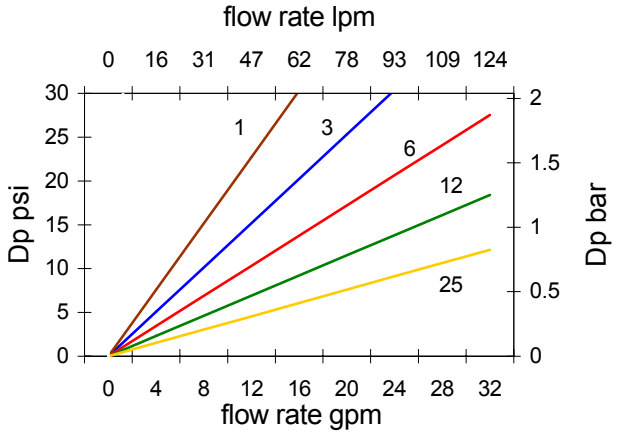
*For Viton seals (where A in MP p/n is V) replace the B in Hy-Pro p/n with a V.

*Water removal and Dynafuzz media also available. Call or consult the Hy-Pro on line interchange guide at www.filterelement.com

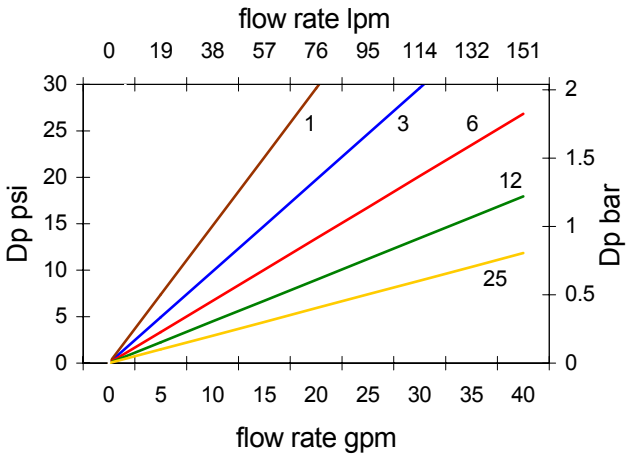
L4 Dualglass Dp vs flow rate



L7 Dualglass Dp vs flow rate



L8 Dualglass Dp vs flow rate



Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 141 SSU, and specific gravity = 0.86. Dp across element is proportionally related to viscosity and specific gravity. For new DP use the following conversion formula:

DP element = DP curve x Vis/141 x SG/0.86

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table 1 table 2 table 3 table 4 table 5

HP06DHL __ - __ __ __ __

table 1 code	length
4	single
7	double
8	7 inch
10	extended

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	B10[c] = 1000 (B10 = 200)
25	B22[c] = 1000 (B25 = 200) or 25u 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	design option
omit	standard design
S	reduced capacity design smaller OD, larger OAL

table 5 code	seal
B	Nitrile(buna)
V	Fluorocarbon
E	EPR

TB06DH-0302

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

HY-PRO