



Quality Today Insures Tomorrow

Product Specifications & Applications

Hydraulic Company of America

HLD Duplex Filter

HYCOA's HLD high performance duplex filter is designed for systems requiring continuous on-line reliable operation. The compact filter design is equipped with our patented "zero leak" transfer valve for ease of changing elements while the system is in operation. Continuous full flow during transfer ensures safe efficient operation.

The head assembly features all machined carbon steel construction with welded steel filter bowls. The head and transfer valve design provide high flows with low starting differential pressure. The filter bowls utilize HYCOA's "V" Series absolute rated replaceable microglass filter elements certified with ISO 16889 test procedure.

These versatile systems, available in ASME and non-code versions, provide the most cost effective filtration solution for critical on-line applications.



Features/Benefits

- Fabricated Carbon Steel Construction
- Low Starting Pressure Drop
- Operating Pressure: 250 PSI
- Patented "Zero Leak" Transfer Valve
- Manual Vents
- Mounting Plate
- Crossover/Fill Line
- 1 1/2" FNPT Connections
 - RF Flange Connection Available
 - 1/4" FNPT gage ports
 - 1/4" FNPT drain ports
- Filter Elements rated per ISO 16889
1, 3, 6, 12 & 25 uM Absolute Available
- Standard Primer Finish

Options/Applications

Options:

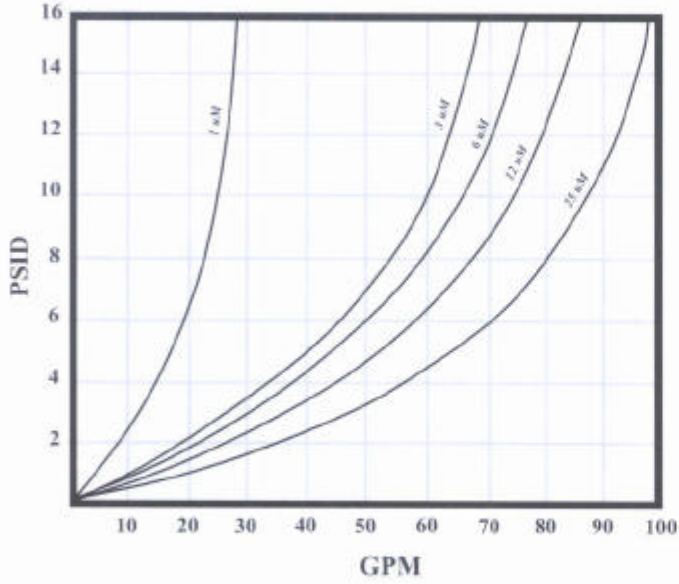
- Stainless Steel Construction
- ASME Code & Stamp Construction
- Viton[®] Sealing Shoes
- Operating Pressures to 750 PSI
- Special Paint
- Special Connections

Applications:

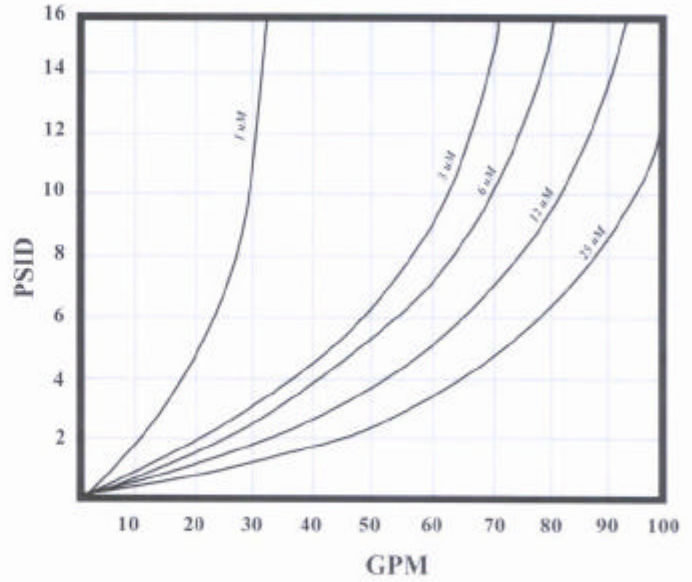
- Lube Oil
- Low Pressure Hydraulics
- Synthetic Fluids
- HWBF
- Liquid Fuel

HLD SYSTEM FLOW GRAPHS

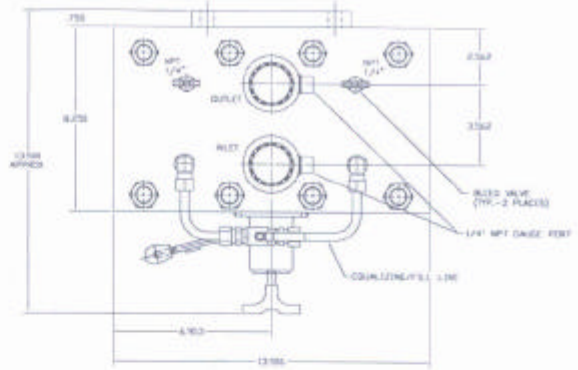
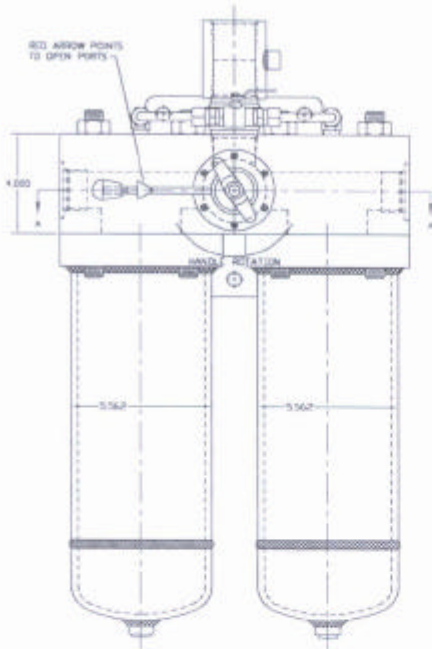
V134 Series Elements



V164 Series Elements



Note: Flow with 200 SSU Oil



General Dimensions – Not for Construction



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