



Hy-Pro Dynafuzz

Filter elements for power generation and other fire resistant applications

High Performance protection against corrosive fluids & high temperatures. Dynafuzz upgrades from glass media

Performance

Temperature: -20f to 250f, -29c to 120c (viton)
Element collapse up to 3000 psid (210 bar)

Media

Sintered stainless steel fiber media is impervious to media migration commonly seen with glass fiber media exposed to some synthetic fluids for extended time intervals. Such fluids include phosphate ester based fluids, polyol esters, and other fire resistant fluids.

Non-compressible media yields long on-stream life in high differential pressure applications.

Not affected by water & gelatinous contamination.

Absolute ratings from B2 =200, B4.4[c]=1000, and B4.4[c]D=500 (DFE efficiency rating)

Dynamic Filter Efficiency Testing

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.

Applications

Hydraulic applications where fire resistant fluids are utilized. Including EHC for power generation, jack-up/lift-up system for turbine start up, governor/control circuit for turbine speed. Primary metals applications.

Dynafuzz Interchange elements are upgrades from glass media available for the following manufacturers:

**General Electric
Westinghouse
ABB
Pall
Parker
Hilco
Kaydon**

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	Multipass performance testing

Typical Elements Upgraded to Dynafuzz

Pall

HC9401FDP13ZYGE
 HC9401FDT13ZYGE
 HC9601FDP11ZYGE
 HC9601FDT11ZYGE
 HC9601FDP21ZYGE
 HC9601FDT21ZYGE
 HC9021FDP4Z
 HC9021FDT4Z
 HC9021FDP8Z
 HC9021FDT8Z

Hy-Pro

HP41L13-3SFV
 HP41L13-10SFV
 HP61L11-3SFV
 HP61L11-10SFV
 HP61L21-3SFV
 HP61L21-10SFV
 HP21L4-3SFV
 HP21L4-10SFV
 HP21L8-3SFV
 HP21L8-10SFV

General Electric

234A6578P0002
 234A6579P0002
 254A7229P0005
 254A7729P0008
 254A7220P0008
 258A4860P002
 258A4860P004
 316A2356P010

Hy-Pro

HPQ210128L13-3SFV
 HPQ210129L13-3SFV
 HPQ210130L13-3SFV
 HPQ210131L13-3SFV
 HPQ210132L13-3SFV
 HPQ210133L11-3SFV
 HPQ210134L21-3SFV

Series Availability

The Dynafuzz Upgrade is available for all Hy-Pro element series with the exception of spin-ons. See our element literature for the order information or contact customer service (317.849.3535)

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

