



HYDRAULIC FILTER BASES

REPLACEMENT AND ADD-ON FILTER BASES FOR YOUR HYDRAULIC SYSTEM







When looking for a hydraulic filter base replacement, Baldwin Filters has a full line to meet your needs. Baldwin bases perform well when hydraulic systems, in extreme environments, need additional filtration protection.

Baldwin's line of hydraulic filter bases provide a variety of options to allow equipment owners to identify which base will work best in a given application. When selecting the right base for a specific application, you can choose based on a number of critical dimensions and characteristics (including outside diameter, overall height, inlet and outlet thread sizes).

Owners can also choose the proper by-pass valve opening pressure ratings and the location for the placement of a pressure indicator. Baldwin bases are available for use on either the suction side or return side.







HYDRAULIC FILTER BASES

| PART NUMBER | REPLACES | USE WITH | SPECIFICATIONS | NOTES |
|-------------|---|---|--|---|
| OB1313 |  | BT287, BT287-3, BT287-10, BT351, BT387, BT387-10, BT388, BT388-10, BT389, BT389-10, BT8368, BT8423 | O.D.: 5 1/2 (139.7) Inlet: 1 1/4-11 1/2 NPT Outlet: 1 1/4-11 1/2 NPT Height: 5 5/16 (134.9) | Notes: For use on the suction side. Contains: 3 PSID By-Pass Valve; Threaded Stud: 1 1/2-16; Threaded Stud: 1 1/4-11 BSP |
| OB1314 |  Donaldson P167849, P563268, P576557; Wix 24759 | BT287, BT287-3, BT287-10, BT351, BT387, BT387-10, BT388, BT388-10, BT389, BT389-10, B7011, BT8307-MPG, BT8308-MPG, BT8308-MPG KIT, BT8309-MPG, BT8310-MPG, BT8368, BT8421-MPG, BT8422-MPG, BT8423 | O.D.: 5 1/2 (139.7) Inlet: 1 1/4 NPT Outlet: 1 1/4 NPT Height: 5 5/16 (134.9) | Notes: For use on the return side. Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 1/2-16; Threaded Stud: 1 1/4-11 BSP |
| OB1315 |  | BT287, BT287-3, BT287-10, BT351, BT387, BT387-10, BT388, BT388-10, BT389, BT389-10, B7011, BT8368, BT8423 | O.D.: 5 13/32 (137.3) Inlet: 1 5/8-12 In. SAE Outlet: 1 5/8-12 In. SAE Height: 5 5/16 (134.9) | Notes: For use on the suction side. Contains: 5 PSID By-Pass Valve; Threaded Stud: 1 1/2-16; Threaded Stud: 1 1/4-11 BSP |
| OB1316 |  | BT287, BT287-3, BT287-10, BT351, BT387, BT387-10, BT388, BT388-10, BT389, BT389-10, B7011, BT8307-MPG, BT8308-MPG, BT8308-MPG KIT, BT8309-MPG, BT8310-MPG, BT8368, BT8421-MPG, BT8422-MPG, BT8423 | O.D.: 5 13/32 (137.3) Inlet: 1 5/8-12 In. SAE Outlet: 1 5/8-12 In. SAE Height: 5 5/16 (134.9) | Notes: For use on the return side. Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 1/2-16; Threaded Stud: 1 1/4-11 BSP |
| OB1317 |  Donaldson P171207 | BT839, BT839-10, BT8420 | O.D.: 3 3/4 (95.3) Inlet: 3/4-14 NPT Outlet: 3/4-14 NPT Height: 3 (76.2) | Notes: For use on the suction side. Contains: 5 PSID By-Pass Valve; Threaded Stud: 1-12 |
| OB1318 |  Donaldson P167848 | BT839, BT839-10, BT8420, BT8428-MPG, BT8443 | O.D.: 3 (76.2) Inlet: 3/4 In. NPT Outlet: 3/4 In. NPT Height: 3 3/4 (95.3) | Notes: For use on the return side. Contains: 25 PSID By-Pass Valve; Threaded Stud: 1-12 |

HYDRAULIC FILTER BASES (CONT'D)

| PART NUMBER | REPLACES | USE WITH | SPECIFICATIONS | NOTES | |
|---------------|---|--|---|---|--|
| OB1319 |  | BT839, BT839-10, BT8420 | O.D.: 3 3/4 (95.3) Inlet: 1 1/16-12 ORB Outlet: 1 1/16-12 ORB Height: 3 (76.2) | Notes: For use on the suction side. Contains: 5 PSID By-Pass Valve; Threaded Stud: 1-12 | |
| OB1320 |  | BT839, BT839-10, BT8420, BT8428-MPG, BT8443 | O.D.: 3 3/4 (95.3) Inlet: 1 1/16-12 ORB Outlet: 1 1/16-12 ORB Height: 3 (76.2) | Notes: For use on the return side. Contains: 25 PSID By-Pass Valve; Threaded Stud: 1-12 | |
| OB8711 |  | Donaldson P169317 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 3/4 In. NPT Outlet: 3/4 In. NPT Height: 4 (101.6) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports with Plugs |
| OB8712 |  | Donaldson P169310 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 3/4 In. NPT Outlet: 3/4 In. NPT Height: 4 (101.6) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports; Visual Indicator Mounted on Left Side |
| OB8720 |  | Donaldson P165434 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 3/4 In. SAE O-Ring Outlet: 3/4 In. SAE O-Ring Height: 4 (101.6) | Contains: Threaded Stud: 1 3/8-12 |
| OB8721 |  | Donaldson P167473 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 3/4 In. SAE O-Ring Outlet: 3/4 In. SAE O-Ring Height: 4 (101.6) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports with Plugs |
| OB8722 |  | Donaldson P166387 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 3/4 In. SAE O-Ring Outlet: 3/4 In. SAE O-Ring Height: 4 (101.6) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports; Visual Indicator Mounted on Left Side |
| OB8724 |  | | 4 Inch O.D. PureForce Filters | O.D.: 3 3/8 (85.7) Inlet: 3/4 In. SAE O-Ring Outlet: 3/4 In. SAE O-Ring Height: 4 (101.6) | Contains: 50 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports |
| OB8731 |  | Donaldson P169309 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 1 In. NPT Outlet: 1 In. NPT Height: 4 (101.6) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports with Plugs |
| OB8732 |  | Donaldson P166416 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 1 In. NPT Outlet: 1 In. NPT Height: 4 (101.6) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports; Visual Indicator Mounted on Left Side |
| OB8741 |  | Donaldson P163681 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 1 In. SAE O-Ring Outlet: 1 In. SAE O-Ring Height: 4 (101.6) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports with Plugs |
| OB8742 |  | Donaldson P166417 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 1 In. SAE O-Ring Outlet: 1 In. SAE O-Ring Height: 4 (101.6) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports; Visual Indicator Mounted on Left Side |
| OB8743 |  | Donaldson P165537 | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 1 In. SAE O-Ring Outlet: 1 In. SAE O-Ring Height: 4 (101.6) | Notes: Normally Open. Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports; Single Post Indicator Mounted on Left Side |
| OB8744 |  | Donaldson P167201 | 4 Inch O.D. PureForce Filters | O.D.: 3 3/8 (85.7) Inlet: 1 In. SAE O-Ring Outlet: 1 In. SAE O-Ring Height: 4 (101.6) | Contains: 50 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports with Plugs |

HYDRAULIC FILTER BASES (CONT'D)

| PART NUMBER | REPLACES | USE WITH | SPECIFICATIONS | NOTES |
|-------------|---|--|---|--|
| OB8745 |  | 4 Inch O.D. PureForce Filters | O.D.: 3 31/32 (100.8) Inlet: 1 In. SAE O-Ring Outlet: 1 In. SAE O-Ring Height: 4 (101.6) | Contains: 50 PSID By-Pass Valve; Threaded Stud: 1 3/8-12; [2] Indicator Ports; Visual Indicator Mounted on Left Side |
| OB8771 |  | 5 Inch O.D. PureForce Filters | O.D.: 4 1/2 (114.3) Inlet: 1 1/4 In. NPT Outlet: 1 1/4 In. NPT Height: 5 (127.0) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/4-12; [2] Indicator Ports with Plugs |
| OB8772 |  | 5 Inch O.D. PureForce Filters | O.D.: 4 1/2 (114.3) Inlet: 1 1/4 In. NPT Outlet: 1 1/4 In. NPT Height: 5 (127.0) | Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/4-12; [2] Indicator Ports; Visual Indicator Mounted on Left Side |
| OB8773 |  | Donaldson P167621 5 Inch O.D. PureForce Filters | O.D.: 4 1/2 (114.3) Inlet: 1 1/4 In. NPT Outlet: 1 1/4 In. NPT Height: 5 (127.0) | Notes: Normally Open. Contains: 25 PSID By-Pass Valve; Threaded Stud: 1 3/4-12; [2] Indicator Ports; Single Post Indicator Mounted on Left Side |

HYDRAULIC FILTER BASES

| BALDWIN | DONALDSON | FLEETGUARD | FRAM | LUBER-FINER | WIX |
|---------|---------------------------|------------|------|-------------|-------|
| OB1313 | - | - | - | - | - |
| OB1314 | P167849, P563268, P576557 | - | - | - | 24759 |
| OB1315 | - | - | - | - | - |
| OB1316 | - | - | - | - | - |
| OB1317 | P171207 | - | - | - | - |
| OB1318 | P167848 | - | - | - | - |
| OB1319 | - | - | - | - | - |
| OB1320 | - | - | - | - | - |
| OB8711 | P169317 | - | - | - | - |
| OB8712 | P169310 | - | - | - | - |
| OB8720 | P165434 | - | - | - | - |
| OB8721 | P167473 | - | - | - | - |
| OB8722 | P166387 | - | - | - | - |
| OB8724 | - | - | - | - | - |
| OB8731 | P169309 | - | - | - | - |
| OB8732 | P166416 | - | - | - | - |
| OB8741 | P163681 | - | - | - | - |
| OB8742 | P166417 | - | - | - | - |
| OB8743 | P165537 | - | - | - | - |
| OB8744 | P167201 | - | - | - | - |
| OB8745 | - | - | - | - | - |
| OB8771 | - | - | - | - | - |
| OB8772 | - | - | - | - | - |
| OB8773 | P167621 | - | - | - | - |



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Designed and manufactured in the USA.

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WARNING: These products can expose you to chemicals, including Diisononyl Phthalate, Carbon black extracts, Nickel, 1,3 Butadiene, Ethylene Oxide, Epichlorohydrin, which are known to the State of California to cause cancer, and Bisphenol-A, Ethylene Glycol, Ethylene Oxide, 1,3 Butadiene, Epichlorohydrin, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.