

FK Series Butterfly Valve with CPVC Disc

IPEX has expanded our line of FK Series Butterfly Valves to now include models with a CPVC disc. The glass reinforced polypropylene (GRPP) body of our FK Series Butterfly Valve combined with a CPVC disc provides the superior strength and chemical resistance required to withstand the harsh demands of industrial environments.

The specially designed trapezoidal shape of the valve liner combined with a serrated body cavity promote a bubble tight seal while keeping break-away torque to an absolute minimum. Double self-lubricating seals keep the valve operating smoothly and efficiently.

Available with a lever handle, manual gearbox control or with pneumatic or electric actuated control options and accessories, our FK Series Butterfly Valve is part of a complete system of pipe, valves and fittings from IPEX; engineered and manufactured to strict quality, performance and dimensional standards.

Applications:

- Chemical Processing
- Chlor-Alkali Processing
- Oil and Gas Processing
- Wastewater Treatment



VALVE AVAILABILITY

BODY MATERIAL Glass reinforced PP (GRPP)

DISC MATERIAL CPVC

SIZE RANGE 1-1/2" through 12"

SEALS EPDM or FKM

BODY STYLE Wafer or Lugged

CONTROL STYLE Lever Handle or Mounted Gear Box

END CONNECTIONS Flanged (ANSI 150)

PRESSURE Wafer Style: 232 psi (1-1/2" and 2"), 150 psi (2-1/2" to 10"), 120" psi (12")

Lugged Style: 150 psi (2-1/2" to 10"), 85" psi (12")

Note: PP and CPVC disc valves are available as standard. PVC, ABS, and PVDF disc valves are available on request. 10" and 12" electrically actuated butterfly valves are available on request. Contact IPEX for details.

Valve Selection Chart (Manual FK Valves)

| Significant Number | IPEX Part Number | Body Material | Body Style | Liner Material | Size | Disc Material | Control Style | Pressure Rating, psi @ 73°F (23°C) |
|--------------------|------------------|---------------|------------|----------------|--------|---------------|---------------|------------------------------------|
| FKOM107C | 353112 | GRPP | Wafer | EPDM | 1-1/2" | CPVC | Lever Handle | 232 |
| FKOM108C | 353113 | | | | 2" | | | |
| FKOM109C | 353114 | | | | 2-1/2" | | | 150 |
| FKOM110C | 353115 | | | | 3" | | | |
| FKOM111C | 353116 | | | | 4" | | | |
| FKOM112C | 353117 | | | | 5" | | | |
| FKOM113C | 353118 | | | | 6" | | | |
| FKOM114C | 353119 | | | | 8" | | | |
| FKOM207C | 353137 | GRPP | Wafer | FKM | 1-1/2" | CPVC | Lever Handle | 232 |
| FKOM208C | 353213 | | | | 2" | | | |
| FKOM209C | 353214 | | | | 2-1/2" | | | 150 |
| FKOM210C | 353216 | | | | 3" | | | |
| FKOM211C | 353218 | | | | 4" | | | |
| FKOM212C | 353224 | | | | 5" | | | |
| FKOM213C | 353225 | | | | 6" | | | |
| FKOM214C | 353226 | | | | 8" | | | |
| FKOM109GC | 254100 | GRPP | Wafer | EPDM | 2-1/2" | CPVC | Gearbox | 150 |
| FKOM110GC | 254134 | | | | 3" | | | |
| FKOM111GC | 254135 | | | | 4" | | | |
| FKOM112GC | 254136 | | | | 5" | | | |
| FKOM113GC | 254137 | | | | 6" | | | |
| FKOM114GC | 254138 | | | | 8" | | | |
| FKOM115GC | 254128 | | | | 10" | | | |
| FKOM116GC | 254139 | | | | 12" | | | 120 |
| FKOM209GC | 254144 | GRPP | Wafer | FKM | 2-1/2" | CPVC | Gearbox | 150 |
| FKOM210GC | 254155 | | | | 3" | | | |
| FKOM211GC | 254156 | | | | 4" | | | |
| FKOM212GC | 254157 | | | | 5" | | | |
| FKOM213GC | 254158 | | | | 6" | | | |
| FKOM214GC | 254159 | | | | 8" | | | |
| FKOM215GC | 254160 | | | | 10" | | | |
| FKOM216GC | 254161 | | | | 12" | | | 120 |

Valve Selection Chart (Manual FK Valves)

| Significant Number | IPEX Part Number | Body Material | Body Style | Liner Material | Size | Disc Material | Control Style | Pressure Rating, psi @ 73°F (23°C) |
|--------------------|------------------|---------------|-----------------|----------------|--------|---------------|---------------|------------------------------------|
| FKLM109C | 353120 | GRPP | ANSI 316 SS LUG | EPDM | 2-1/2" | CPVC | Lever Handle | 150 |
| FKLM110C | 353121 | | | | 3" | | | |
| FKLM111C | 353122 | | | | 4" | | | |
| FKLM112C | 353123 | | | | 5" | | | |
| FKLM113C | 353129 | | | | 6" | | | |
| FKLM114C | 353130 | | | | 8" | | | |
| FKLM209C | 353159 | GRPP | ANSI 316 SS LUG | FKM | 2-1/2" | CPVC | Lever Handle | 150 |
| FKLM210C | 353167 | | | | 3" | | | |
| FKLM211C | 353168 | | | | 4" | | | |
| FKLM212C | 353169 | | | | 5" | | | |
| FKLM213C | 353170 | | | | 6" | | | |
| FKLM214C | 353171 | | | | 8" | | | |
| FKLM109GC | 254171 | GRPP | ANSI 316 SS LUG | EPDM | 2-1/2" | CPVC | Gearbox | 150 |
| FKLM110GC | 254172 | | | | 3" | | | |
| FKLM111GC | 254173 | | | | 4" | | | |
| FKLM112GC | 254174 | | | | 5" | | | |
| FKLM113GC | 254175 | | | | 6" | | | |
| FKLM114GC | 254176 | | | | 8" | | | |
| FKLM115GC | 254142 | | | | 10" | | 85 | |
| FKLM116GC | 254143 | | | | 12" | | | |
| FKLM209GC | 254165 | GRPP | ANSI 316 SS LUG | FKM | 2-1/2" | CPVC | Gearbox | 150 |
| FKLM210GC | 254166 | | | | 3" | | | |
| FKLM211GC | 254167 | | | | 4" | | | |
| FKLM212GC | 254168 | | | | 5" | | | |
| FKLM213GC | 254169 | | | | 6" | | | |
| FKLM214GC | 254170 | | | | 8" | | | |
| FKLM215GC | 254119 | | | | 10" | | 85 | |
| FKLM216GC | 254164 | | | | 12" | | | |

Valve Selection Chart (Actuated FK Valves)

| Size (inches) | Disc Material | Seal Material | IPEX Part Number | | | | | | | |
|------------------|------------------|------------------|----------------------------|---------|--|---------|--|---------|---------------------------------------|---------|
| | | | Pneumatic Double Acting | | Pneumatic Spring Return, Normally Closed | | Pneumatic Spring Return, Normally Open | | Electric Double Acting 100-240 VAC | |
| | | | Wafer | SS Lugs | Wafer | SS Lugs | Wafer | SS Lugs | Wafer | SS Lugs |
| 1-1/2 | CPVC | EPDM | 154600 | - | 154618 | - | 154636 | - | 154654 | - |
| | | FKM | 154668 | - | 154686 | - | 154704 | - | 154722 | - |
| 2 | CPVC | EPDM | 154601 | - | 154619 | - | 154637 | - | 154655 | - |
| | | FKM | 154669 | - | 154687 | - | 154705 | - | 154723 | - |
| 2-1/2 | CPVC | EPDM | 154602 | 154610 | 154620 | 154628 | 154638 | 154646 | 154656 | 154662 |
| | | FKM | 154670 | 154678 | 154688 | 154696 | 154706 | 154714 | 154724 | 154730 |
| 3 | CPVC | EPDM | 154603 | 154611 | 154621 | 154629 | 154639 | 154647 | 154657 | 154663 |
| | | FKM | 154671 | 154679 | 154689 | 154697 | 154707 | 154715 | 154725 | 154731 |
| 4 | CPVC | EPDM | 154604 | 154612 | 154622 | 154630 | 154640 | 154648 | 154658 | 154664 |
| | | FKM | 154672 | 154680 | 154690 | 154698 | 154708 | 154716 | 154726 | 154732 |
| 5 | CPVC | EPDM | 154605 | 154613 | 154623 | 154631 | 154641 | 154649 | 154659 | 154665 |
| | | FKM | 154673 | 154681 | 154691 | 154699 | 154709 | 154717 | 154727 | 154733 |
| 6 | CPVC | EPDM | 154606 | 154614 | 154624 | 154632 | 154642 | 154650 | 154660 | 154666 |
| | | FKM | 154674 | 154682 | 154692 | 154700 | 154710 | 154718 | 154728 | 154734 |
| 8 | CPVC | EPDM | 154607 | 154615 | 154625 | 154633 | 154643 | 154651 | 154661 | 154667 |
| | | FKM | 154675 | 154683 | 154693 | 154701 | 154711 | 154719 | 154729 | 154735 |
| 10 | CPVC | EPDM | 154608 | 154616 | 154626 | 154634 | 154644 | 154652 | - | - |
| | | FKM | 154676 | 154684 | 154694 | 154702 | 154712 | 154720 | - | - |
| 12 | CPVC | EPDM | 154609 | 154617 | 154627 | 154635 | 154645 | 154653 | - | - |
| | | FKM | 154677 | 154685 | 154695 | 154703 | 154713 | 154721 | - | - |

Contact us

Visit our website: ipexna.com

Toll Free U.S.: (800) 463-9572