

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.

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.

Applications:

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



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"			150
FKOM109C	353114				2-1/2"			
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"			150
FKOM209C	353214				2-1/2"			
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