

Model 005-IFC® Cartridge Circulator

The 005-IFC features a removable Integral Flow Check, designed to improve pump performance, simplify piping and reduce installation costs. The spring loaded IFC® replaces a separate in-line flow check to ensure protection against reverse flow and gravity flow.



Stainless Steel



Low-Lead
Compliant

Submittal Data # 101-083
 Supersedes: 06/01/11

Effective: 04/08/13

- Integral Flow Check (IFC®)
Simplifies piping
Prevents reverse flow and gravity flow
Eliminates separate in-line flow check
Reduces installed cost
Improves system performance
Easy to service
- Unique replaceable cartridge-field serviceable
- Unmatched reliability-maintenance free
- Quiet, efficient operation
- Self lubricating, No mechanical seal
- Wide range of applications
- Cast Iron or Stainless Steel construction
- Flanged connections

Casing (Volute): Cast Iron or St. Steel
 Integral Flow Check (IFC®):
 Body, Plunger.....Acetal
 O-ring Seals.....EPDM
 Spring.....Stainless Steel
 Stator Housing:.....Steel
 Cartridge:.....Stainless Steel
 Impeller:Non-Metallic
 Shaft:Ceramic
 Bearings:Carbon
 O-Ring & Gaskets:EPDM

F – Cast Iron, Flanged
 SF – Stainless Steel, Flanged
 IFC – Integral Flow Check

Flow Range: 0 - 13.5 GPM
 Head Range: 0 - 7.5 Feet
 Min. Fluid Temperature: 40°F (4°C)
 Max. Fluid Temperature: 230°F (110°C)
 Max. Working Pressure: 125 psi
 Connection Sizes:
 3/4", 1", 1-1/4", 1-1/2" Flanged



FOR INDOOR
USE ONLY

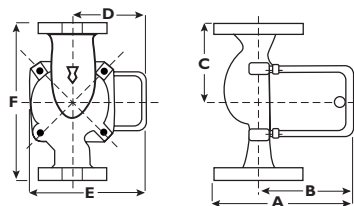


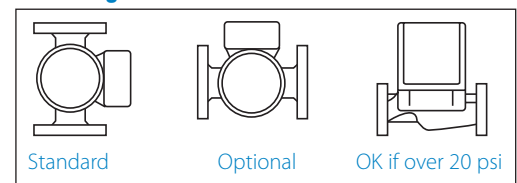
Low-Lead Compliant

- Hydronic Heating/Cooling
- Radiant
- Indirect Water Heaters
- Hydro-Air Fan Coils
- Domestic Water Recirculation (Stainless Steel)

The 005-IFC is designed to simplify piping, reduce installation costs and improve system performance when zoning with 00° circulators. By locating the IFC inside the pump, a separate in-line flow check is eliminated. The low pressure drop of the IFC increases flow performance vs. in-line flow checks. Both the IFC and the cartridge are easily accessed for removal and service.

Model	Casing	Flange Type*	A		B		C		D		E		F		Ship Wt.	
			in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
005-F2-2 IFC	Cast Iron	S	5-5/8	143	4-1/8	105	3-3/16	81	2-15/16	75	5	127	6-3/8	162	8	3.6
005-F2-3 IFC	Cast Iron	R	5-3/8	137	4-1/8	105	3-3/16	81	2-15/16	75	5	127	6-3/8	162	8	3.6
005-SF2-IFC	St. Steel	S	5-5/8	143	4-1/8	105	3-3/16	81	2-15/16	75	5	127	6-3/8	162	8	3.6





Model	Volts	Hz	Ph	Amps	RPM	HP
Cast Iron	115	60	1	.52	3250	1/25
St. Steel	115	60	1	.54	3250	1/25
Motor Type	Permanent Split Capacitor Impedance Protected					
Motor Options	220/50/1, 220/60/1, 230/60/1, 100/110/50/60/1					

