



**Bell & Gossett
3CEZ5**

Flange Gaskets & Hardware Kits for Circulating Pumps

Kits help mount the flange to the pump. Gaskets seal the connection, while bolts and screws secure the flange to the

pump. These accessories are intended for use with a flange of the same brand and series.



Mfr. Model	Compatible with Manufacturer Model Number	Gasket Material	Includes	Item No.
Bell & Gossett Flange Hardware for Circulating Pumps				
P64910	106189, Series 100 BNFI	Rubber	(2) Flange Gaskets,	3CEZ5
P64940	102210, 608S, 608T, 613S, 617T, 623S, 90-15T, 90-16T, 90-17T, 90-18T, 90-33S, 90-36S, 90-37S, 90-37T	Rubber	(4) Capscrews, (4) Nuts	3CEZ7
118368	102206, 102208LF, 106189, 106197LF	Nitrile Rubber	Flange Gasket	3CFA6
Taco Flange Hardware for Circulating Pumps				
007-007RP	0012-BF4-3, 0012-SF4, 1400-30b-3, 1400-40b-1, 2400-30S-3P, 2400-40S-3P	Nitrile Rubber	(2) Gaskets	40ZP2
1400-009RP	1400-60-1, 1400-70-1	Nitrile Rubber		40ZP3
Armstrong Flange Hardware for Circulating Pumps				
810120-350K	1050-2, 1060-2, 4360B-2, E16 2HT, E18 2HT, E30 2HT - 2", E32 2HT - 2", E33 2HT - 2", H-54, H-66, H-67, H-68, S-35	Rubber		788VC5
810120-351K	Astro 230CI, Astro 230CI-R, Astro 230SS, Astro 250CI, Astro 250CI-R, Astro 250SS, Compass H 20-20CI, Compass H 20-20SS, E12 2HT, E14 2HT, E15 2HT, E7 2HT, E8 2HT, E9 2HT, S-25	Rubber	Capscrews, Nuts	788VC8



3CFE9

Motors for Circulating Pumps

Motors run on alternating current (AC) to power the pump to move hot water in hydronic heating systems and water recirculation equipment. These motors are intended to

replace a motor in a 3-piece circulating pump of the same brand, series, and manufacturer model number. They are commonly used to replace damaged water circulator motors.



Horsepower	Voltage	Compatible with Manufacturer Model Number	Mfr. Model	Item No.
Single Phase				
1/2	115V AC	106189, Series 100 BNFI	111034	3CFE7
1/2	115V AC	102206, PR AB	111031	3CFE8
1/2	115V AC	102210, 102214, 2" BNFI, HV BNFI	111061	3CFE9
1/2	115V AC	102218, 102222, 2 1/2" AB, LD3 AB	111040	3CFD8
1/2	115/230V AC	102226, HD3 AB	111042	3CFE1
Three Phase				
1 1/2	208-230/460V AC	617T, 625T	169237	3CFE6
2	208-230/460V AC	619T	169238	3CFE1

Repair Parts for Circulating Pumps

These replacement parts should match the brand, series, and manufacturer model number of the pump.

Bearing assemblies sit between the motor and pump casing and transfer the power generated by the motor to the pump's impeller.

Seal and gaskets keep the circulating pump's motor and bearing assembly dry by preventing water from exiting the pump body.

Impellers move fluids through the system using centrifugal force.

Motor couplers connect motors to pumps and transfer the power generated by a motor to the pump's impeller.

They provide alignment tolerance of the shaft while the pump is operating.

Motor cartridges are removable from the motor housing and contain the moving parts of the motor, such as the shaft, bearings, and the impeller. The cartridge can be removed and replaced without replacing the pump.

Motor mounts hold and support the circulating pump's motor inside the motor's housing. They work with motor couplers to maintain alignment between the motor and the pump.

Lubricants are used on the bearing assemblies of 3-piece circulating pumps.



Mfr. Model	Compatible with Manufacturer Model Number	Includes	Item No.
Bell & Gossett Bearing Assemblies for Circulating Pumps			
118844LF	106189	—	3CEY7
185260LF	105121	Seal Kit	4RD75
185332LF	601S, 601T, 602S, 602T, 603S, 603T, 604S, 604T, 605S, 605T, 606S, 606T, 607S, 607T, 608S, 608T, 609S, 609T, 610S, 610T, 611S, 611T, 612S, 612T, 613S, 613T, 614S, 614T, 615S, 615T, 616S, 616T, 601S, 601T, 602S, 602T, 603S, 603T, 604S, 604T, 605S, 605T, 606S, 606T, 607S, 607T, 608S, 608T, 609S, 609T, 610S, 610T, 611S, 611T, 612S, 612T, 613S, 613T, 614S, 614T, 615S, 615T, 616S, 616T	—	5YN79
	617T, 619T, 623S, 624T, 625T	—	5YN80
	105089, 105097	—	4RD78
	SERIES 100 BNFI	—	3CEY8
	102206, 102218, 102222, 102226, 2 1/2" AB, HD3 AB, LD3 AB, PR AB	—	4RD80
	106189	Impeller	4RD83
	SERIES 100 BNFI	Impeller, Tube of Oil	4RD79
	102210, 102213LF, 102214, 111061, 2" BNFI, HV BNFI	—	4RD82
	102210, HV BNFI	Impeller	3CEY9
	102210, HV BNFI	—	3CEY8
Bell & Gossett Seals & Gaskets for Circulating Pumps			
118129	102218, 102222, 102224LF, 102226, 102228LF, 105089, 105097, 2 1/2" AB	Nitrile Rubber	3CFA9
118373	102210, HV BNFI	Nitrile Rubber	3CFA7
118681LF	102206, 102210, 102214, 102218, 102222, 102224LF, 102226, 102228LF, 105089, 105097, 106189, 106197LF, 2 1/2" AB, 2" BNFI, HV BNFI, PR AB	Nitrile Rubber	3CFF5
186499LF	105121	Nitrile Rubber	3CFF4

Mfr. Model	Compatible with Manufacturer Model Number	Gasket Material	Item No.
Bell & Gossett Seals & Gaskets for Circulating Pumps			
118129	102218, 102222, 102224LF, 102226, 102228LF, 105089, 105097, 2 1/2" AB	Nitrile Rubber	3CFA9
118373	102210, HV BNFI	Nitrile Rubber	3CFA7
118681LF	102206, 102210, 102214, 102218, 102222, 102224LF, 102226, 102228LF, 105089, 105097, 106189, 106197LF, 2 1/2" AB, 2" BNFI, HV BNFI, PR AB	Nitrile Rubber	3CFF5
186499LF	105121	Nitrile Rubber	3CFF4

Mfr. Model	Compatible with Manufacturer Model Number	Gasket Material	Item No.
Bell & Gossett Impellers for Circulating Pumps			
186862LF	160012, 160013, 160018, 160031, 160032, 160033, 160034, 160035, 161001, 161052, 161054	Nitrile Rubber	6HKZ4
189144LF	1BL001, 1BL002, 1BL003LF, 1BL004LF, 1BL012, 1BL013LF, 1BL016, 1BL017LF	EPT	3CFF3
P48690	1 1/4 BC	Composition	6HKZ6
P57410	105089, 105097	Nitrile Rubber	3CF41
P57700	105121, 617T	Nitrile Rubber	3CFA5
Bell & Gossett Motor Couplers for Circulating Pumps			
118439LF	102228LF	Brass	4.25 in 3CFC2
118440LF	102220, 102224LF	Brass	3.78 in 3CFC3
118612LF	102208	Brass	4.25 in 3CFC4
118626LF	105100LF	Brass	5.25 in 3CFC5
118629	105097	Steel	5.25 in 3CFC6
118630	105089	Steel	4.75 in 3CFC7
118668	102308	Steel	3.38 in 3CFC8
118675	102226	Steel	4.25 in 3CFC9
189128LF	102214, 102217, 102218	Plastic	3.38 in 3CFD3
189132LF	106189, 106197LF	Plastic	2.75 in 3CFD7

Mfr. Model	Compatible with Manufacturer Model Number	Item No.
Bell & Gossett Motor Couplers for Circulating Pumps		
118473	105089, 105097, 604S, 608S, 608T, 611T, 613S, 6040S, 6011S	4RD26
118705	102206, 102210, 102214, 106189, 2" BNFI, HV BNFI, PR AB, SERIES 100 BNFI	4RD81
118709	105089, 105097, 501203	4YM24
118723	102218, 102222, 102226, 2 1/2" AB, HD3 AB, LD3 AB	4RD27
185330	623S, 624T	5YN78
186410	105121, 613S, 617T, 623S	4RD77
Taco Motor Cartridges for Circulating Pumps		
005-020RP	005-SF2, 006-B4, 006-B4-4, 006-BC4, 006-BC5Y-10, 006-BC7-IFC, 006-ST4-4, 006-ST5Y-1	4AYV8
007-045RP	007-BF5-3, 007-BF5-3IFC, 007-SF5, 007-SF5-IFC	4AYV9
007-042RP	007-F5, 007-F5-7IFC	4AYW1
009-022RP	009-BF5-2IFC, 009-BF5-3, 009-SF5, 009-SF5-IFC	4AYW4
0010-022RP	0010-BF3-2IFC, 0010-SF3-IFC	4AYW7
0012-012RP	0012-BF4-3, 0012-SF4	4AYW9

Mfr. Model	Compatible with Manufacturer Model Number	Item No.
Bell & Gossett Motor Mounts for Circulating Pumps		
118223	102033, 102034, 102036, 102066, 102207, 102208, 102210, 102213, 102214, 102217, 102230, 102231, 102232, 102233, 102308, 102309, 102311, 106189, 106190, 106192, 106197	4RD24
118228	102218, 102219, 102220, 102222, 102223, 102224, 102226, 102227, 102228	4RD25

Mfr. Model	Container Capacity	Item No.
Bell & Gossett Lubricants for Circulating Pumps		
118153	1.5 oz	4YM22
118154	2.5 oz	4YM23