



TYPE "B" SINGLE STAGE CENTRIFUGAL PUMP Bearing Frame Mount

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Supersedes 12/1/95	

CAST IRON IMPELLER

B4JRMBH

Flanged Case

Packing Construction

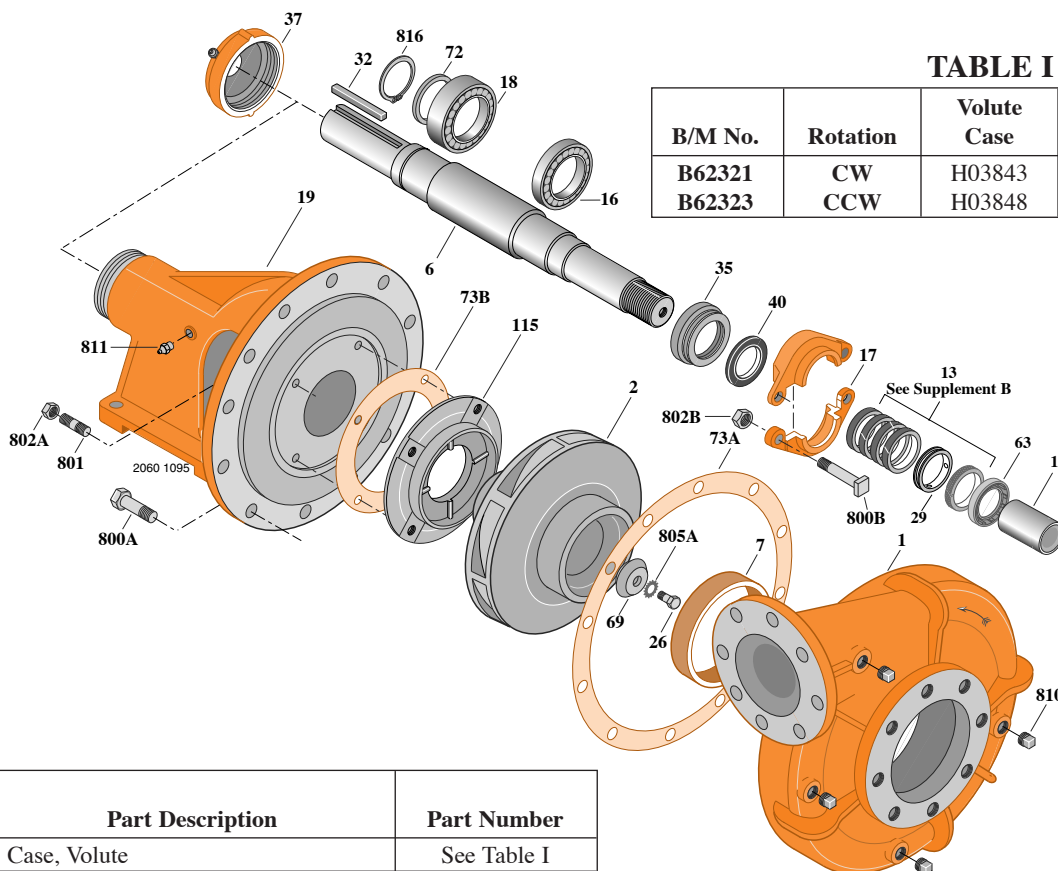


TABLE I

B/M No.	Rotation	Volute Case	Impeller	Impeller Diameter
B62321	CW	H03843	L05976	13.50"
B62323	CCW	H03848	L05974	13.50"

Item No.	Part Description	Part Number
1	Case, Volute	See Table I
2	Impeller	See Table I
6	Shaft (Not sold separately)	See Note 1
7	Ring, Wearing	S02894
13	Ring, Packing (Set of 4)	S13436
14	Sleeve, Shaft	S05974
16	Bearing, Ball	S15604
17	Gland, Packing	B82472
18	Bearing, Ball	S13396
19	Frame	H01599
26	Screw, Impeller 1/2-13x1-1/2"	S23623
29	Ring, Lantern	S18993
32	Key, 1/26x4"	S24214
35	Inner Bearing Cap	S05928
37	Outer Bearing Cap Assembly*	S35277
40	Slinger, Water	S10964
63	Bushing, Throat	S18992
69	Washer, Impeller	S19275
72	Ring, Thrust	S06519
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
115	Ring, Balance	S12315

Item No.	Part Description	Part Number
800A	Capscrew, Hex 5/8-11x1-1/2"(12 Req.)	S26999
800B	Bolt, Sq. Head 1/2-13x2-3/4" (2 Req.)	S23794
801	Stud, 3/8-16x1-3/8" (4 Req.)	S09942
802A	Nut, Hex 3/8-16 (4 Req.)	S23103
802B	Nut, Hex 1/2-13x7/16" (2 Req.)	S23347
805A	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Req.)	S23717
811	Fitting, Grease (2 Req.)	S23670
816	Ring, Retaining	S23016

1. **Shaft Replacement Kit** available for this model.
Berkeley part number **B07596** for CW, **B07597** for CCW.
Pump Shaft sold in shaft replacement kit only.

* Includes grease fitting.



TYPE "B" SINGLE STAGE CENTRIFUGAL PUMP Bearing Frame Mount

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CAST IRON IMPELLER

B4JRMBH

Flanged Case

Packing Construction

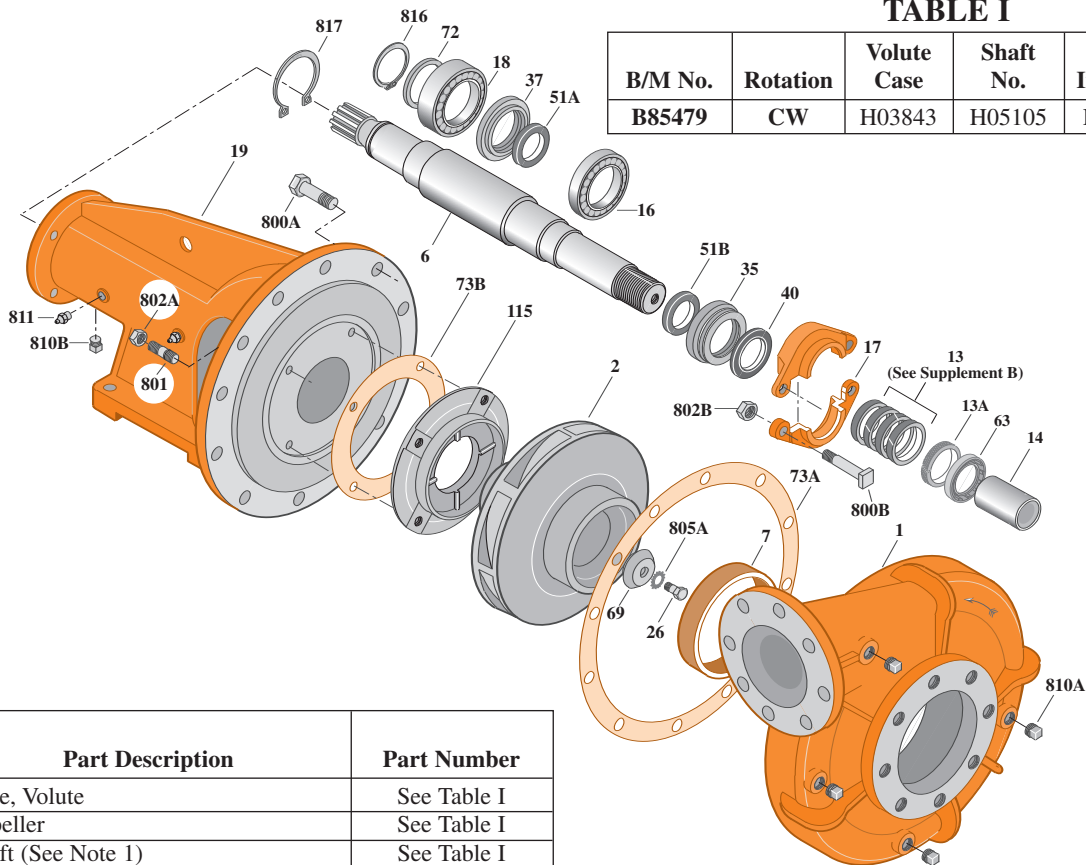


TABLE I

B/M No.	Rotation	Volute Case	Shaft No.	Impeller	Impeller Diameter
B85479	CW	H03843	H05105	L05976	13.50"

Item No.	Part Description	Part Number
1	Case, Volute	See Table I
2	Impeller	See Table I
6	Shaft (See Note 1)	See Table I
7	Ring, Wearing	S02894
13	Ring, Packing (4 Req.)	M14761
13A	Ring, Packing Metallic (1 Req.)	S13434
14	Sleeve, Shaft	S05974
16	Bearing, Ball	S15604
17	Gland, Packing	B82472
18	Bearing, Ball	M10184
19	Frame	M14766
26	Screw, Impeller 1/2-13x1-1/2"	S23623
35	Inner Bearing Cap	M10200
37	Outer Bearing Cap	M10209
40	Slinger, Water	S10964
51A	Seal, Oil	M10210
51B	Seal, Oil	S14765
63	Bushing, Throat	S18992
69	Washer, Impeller	M14217
72	Ring, Thrust	S06519
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
115	Ring, Balance	S12315
800A	Capscrew, Hex 5/8-11x1-1/2" (12 Req.)	S26999
800B	Bolt, Sq. Head 1/2-13x2-3/4" (2 Req.)	S23794

Item No.	Part Description	Part Number
801	Stud, 3/8-16x1-1/4" (4 Req.)	S23994
802A	Nut, Hex 3/8-16 (4 Req.)	S23103
802B	Nut, Hex 1/2-13x7/16" (2 Req.)	S23347
805A	Washer, Lock	S23038
810A	Plug, Pipe 1/2 NPT (4 Req.)	S23717
810B	Plug, Pipe 1/4 NPT	S23715
811	Fitting, Grease (2 Req.)	S23670
816	Ring, Retaining	S23016
817	Ring, Retaining	S23025

1. **Shaft Replacement Kit** is not available for this model. Order Replacement Shaft and associated components from above listing.



TYPE "B" SINGLE STAGE CENTRIFUGAL PUMP Bearing Frame Mount

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CAST IRON IMPELLER

B4JRMBHS

Flanged Case

Mechanical Seal Construction

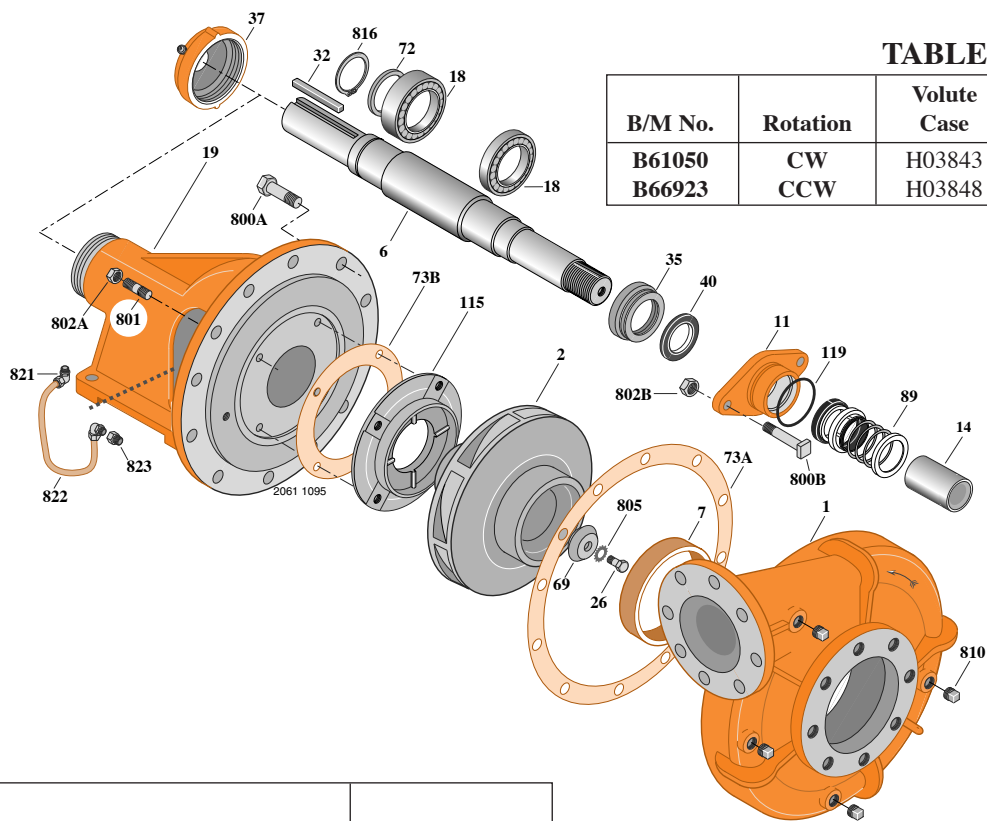


TABLE I

B/M No.	Rotation	Volute Case	Impeller	Impeller Diameter
B61050	CW	H03843	L05976	13.50"
B66923	CCW	H03848	L05974	13.50"

Item No.	Part Description	Part Number
1	Case, Volute	See Table I
2	Impeller	See Table I
6	Shaft (Not sold separately)	See Note 1
7	Ring, Wearing	S02894
11	Retainer, Mechanical Shaft Seal	S11452
14	Sleeve, Shaft	S05974
16	Bearing, Ball	S15604
18	Bearing, Ball	S13396
19	Frame	H01838
26	Screw, Impeller 1/2-13x1"	S23619
32	Key, 1/2x4"	S24214
35	Inner Bearing Cap	S05928
37	Outer Bearing Cap Assembly*	S35277
40	Slinger, Water	S10964
69	Washer, Impeller	S19275
72	Ring, Thrust	S06519
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
89	Seal, Mechanical Shaft	S32693
115	Ring, Balance	S13591
119	O-Ring	S26471

Item No.	Part Description	Part Number
800A	Capscrew, Hex 5/8-11x1-1/2" (12 Req.)	S26999
800B	Bolt, Sq. Head 1/2-13x2-1/4" (2 Req.)	S23792
801	Stud, 3/8-16x1-1/2" (4 Req.)	S23995
802A	Nut, Hex 3/8-16" (4 Req.)	S23103
802B	Nut, Hex 1/2-13x7/16" (2 Req.)	S23347
805A	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Req.)	S23717
811	Fitting, Grease	S23670
816	Ring, Retaining	S23016
821	Elbow, Comp. Fitting (2 Req.)	S24128
822	Tubing, Copper	S20677
823	Bushing, Pipe	S24544

- Shaft Replacement Kit** available for this model. Berkeley part number **B07596** for CW, **B07597** for CCW. Pump Shaft sold in shaft replacement kit only.

* Includes grease fitting.



TYPE "B" SINGLE STAGE CENTRIFUGAL PUMP Bearing Frame Mount

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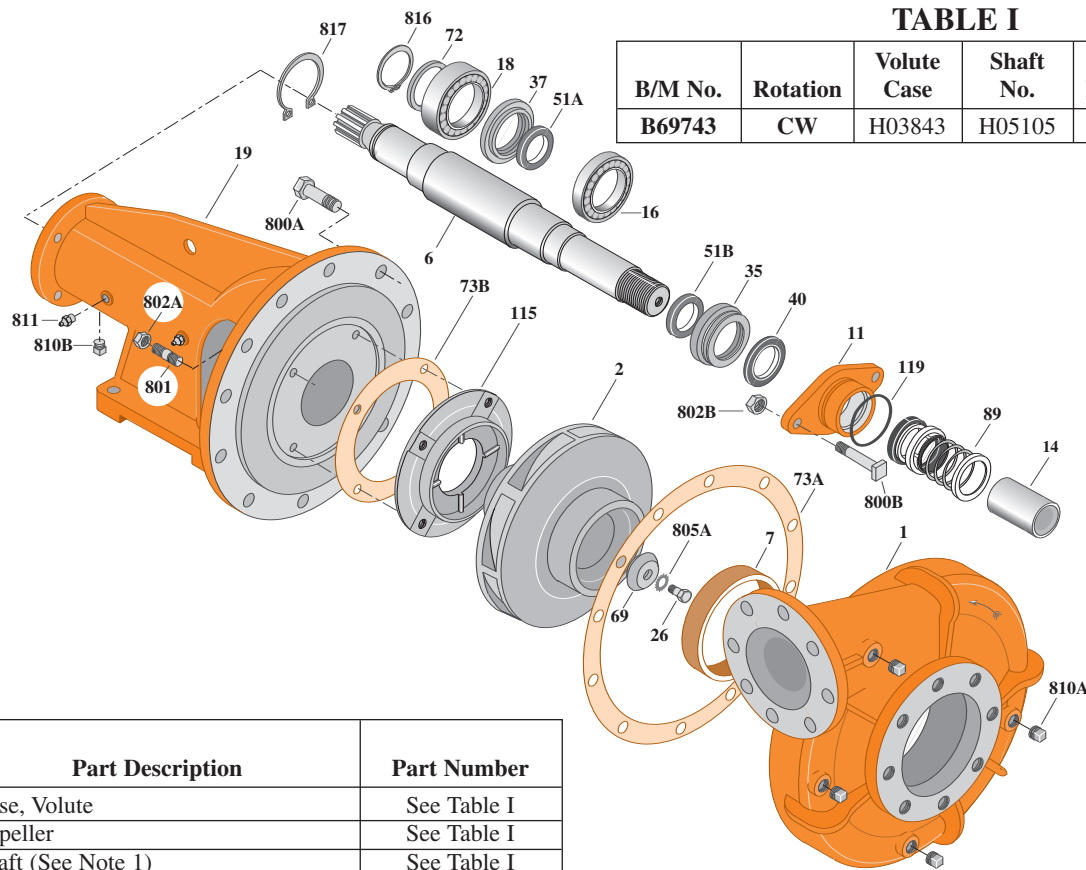
B4JRMBHS

Flanged Case

Mechanical Seal Construction

TABLE I

B/M No.	Rotation	Volute Case	Shaft No.	Impeller	Impeller Diameter
B69743	CW	H03843	H05105	L05976	13.50"



2062 1095

Item No.	Part Description	Part Number
1	Case, Volute	See Table I
2	Impeller	See Table I
6	Shaft (See Note 1)	See Table I
7	Ring, Wearing	S02894
11	Retainer, Mechanical Shaft Seal	S11452
14	Sleeve, Shaft	S05974
16	Bearing, Ball	S15604
18	Bearing, Ball	M10184
19	Frame	H05103
26	Screw, Impeller 1/2-13x1-1/2"	S23623
35	Inner Bearing Cap	M10200
37	Outer Bearing Cap	M10209
40	Slinger, Water	S10964
51A	Seal, Oil	M10210
51B	Seal, Oil	S14765
69	Washer, Impeller	S19275
72	Ring, Thrust	S06519
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
89	Seal, Mechanical Shaft	S32693
115	Ring, Balance	S13591
119	O-Ring	S26471
800A	Capscrew, Hex 5/8-11x1-1/2"(12 Req.)	S26999
800B	Bolt, Sq. Head 1/2-13x2-1/4" (2 Req.)	S23792

Item No.	Part Description	Part Number
801	Stud, 3/8-16x1-1/2" (4 Req.)	S23995
802A	Nut, Hex 3/8-16 (4 Req.)	S23103
802B	Nut, Hex 1/2-13x7/16" (2 Req.)	S23347
805A	Washer, Lock	S23038
810A	Plug, Pipe 1/2 NPT (4 Req.)	S23717
810B	Plug, Pipe 1/4 NPT	S23715
811	Fitting, Grease (2 Req.)	S23670
816	Ring, Retaining	S23016
817	Ring, Retaining	S23025

1. **Shaft Replacement Kit** is not available for this model. Order Replacement Shaft and associated components from above listing.



Type "B" Single Stage Centrifugal Pump Bearing Frame Mount

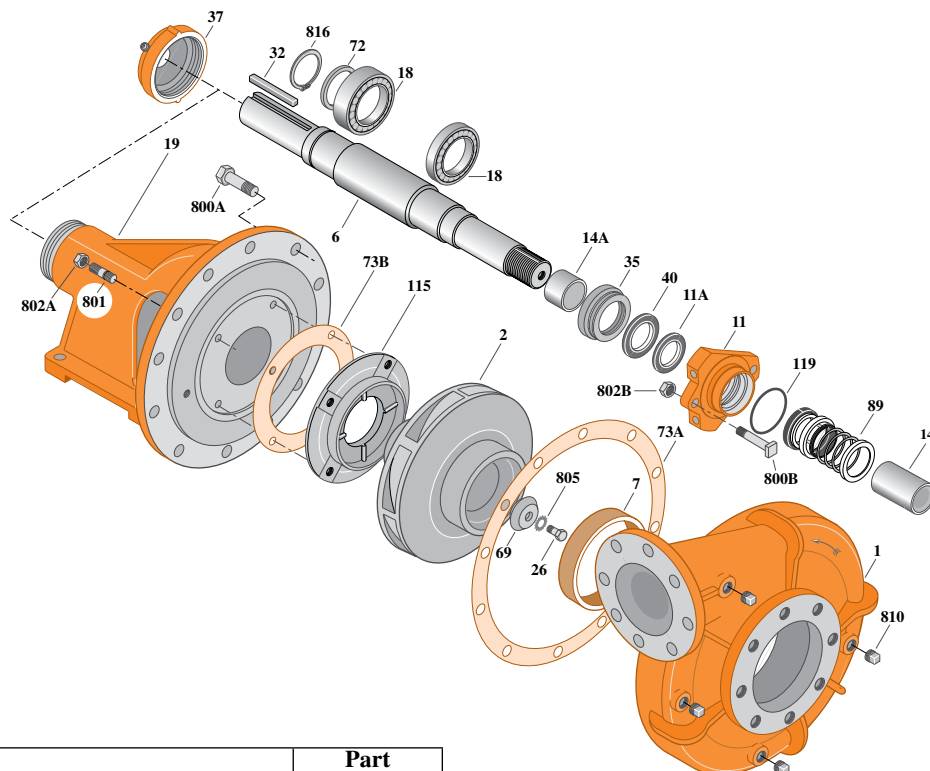
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CAST IRON IMPELLER

B4JRMBHS

Flanged Case, Dry Run

Mechanical Shaft Seal Construction



Ref.	Part Description	Part Number
1	Case, Volute	See Table 1
2	Impeller	See Note 1
6	Shaft	See Note 1
7	Ring, Wearing	S02894
11	Retainer, Mechanical Shaft Seal, Dry Run	M14959
11A	Dry Run Gland Lip Seal	M12337
14	Sleeve, Shaft	S05974L
14A	Sleeve, Shaft	M14971
16	Bearing, Ball	S15604
18	Bearing, Ball	S13396
19	Frame	M14963
26	Screw, Impeller 1/2-13x1-1/4"	S23619
32	Key, 1/2x4"	S24214
35	Inner Bearing Cap	S05928
37	Outer Bearing Cap Assembly*	S35277
40	Slinger, Water	S10964
69	Washer, Impeller	M14217
72	Ring, Thrust	S06519
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
89	Seal, Mechanical Shaft	S32693
115	Ring, Balance	S13591
119	O-Ring	M14972

Ref.	Part Description	Part Number
800A	Capscrew, Hex 5/8-11x1-1/2" (10 Rqd.)	S26999
800A	Capscrew, Hex 5/8-11x1-3/4" (2 Rqd. top ctr.)	S27001
800B	Bolt, Sq. Head 1/2-13x2-1/4" (2 Rqd.)	S23792
801	Stud, 3/8-16" x 1-1/2" (4 Rqd.)	S28626
802A	Nut, Hex 3/8-16" (4 Rqd.)	S23103
802B	Nut, Hex 1/2-13x7/16" (2 Rqd.)	S23347
805	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Rqd.)	S23717
811	Fitting, Grease	S23670
816	Ring, Retaining	S23016

*Includes grease fitting

Table I

B/M No.	Rotation	Volute Case	Impeller	Impeller Diameter
B61050D	CW	H03843	L05976	13.50"

NOTE 1: Shaft Replacement Kit is available for this model. Berkeley part number B07596. Pump shaft sold in replacement kit only. Refer to Supplement "C" for shaft kit components.

NOTE 2: Refer to Supplement "F" for dry run tank repair parts. Dry run lubrication system requires one gallon of food grade hydraulic oil (FGHO), viscosity 150 SSU at 100 °F. Oil not supplied, purchase locally.



TYPE "B" SINGLE STAGE CENTRIFUGAL PUMP Bearing Frame Mount

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CAST IRON IMPELLER

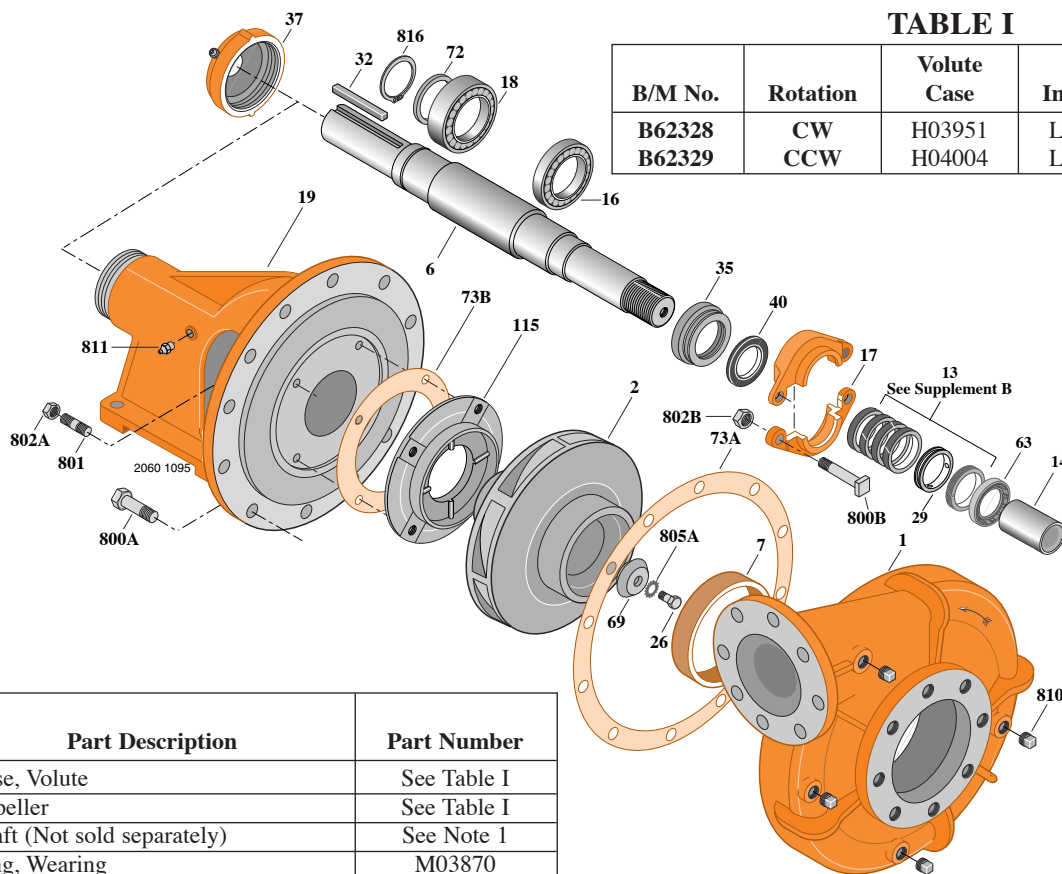
B4JRMBHH

Flanged Case

Packing Construction

TABLE I

B/M No.	Rotation	Volute Case	Impeller	Impeller Diameter
B62328	CW	H03951	L05347	13.50"
B62329	CCW	H04004	L05369	13.50"



Item No.	Part Description	Part Number
1	Case, Volute	See Table I
2	Impeller	See Table I
6	Shaft (Not sold separately)	See Note 1
7	Ring, Wearing	M03870
13	Ring, Packing (Set of 4)	S13436
14	Sleeve, Shaft	S05974
16	Bearing, Ball	S15604
17	Gland, Packing	B82472
18	Bearing, Ball	S13396
19	Frame	H01599
26	Screw, Impeller 1/2-13x1-1/4"	S23621
29	Ring, Lantern	S18993
32	Key, 1/2x4"	S24214
35	Inner Bearing Cap	S05928
37	Outer Bearing Cap Assembly*	S35277
40	Slinger, Water	S10964
63	Bushing, Throat	S18992
69	Washer, Impeller	S19275
72	Ring, Thrust	S06519
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
115	Ring, Balance	S12315
800A	Capscrew, Hex 5/8-11x1-1/2"(12 Req.)	S26999

Item No.	Part Description	Part Number
800B	Bolt, Sq. Head 1/2-13x2-3/4" (2 Req.)	S23794
801	Stud, 3/8-16x1-3/8" (4 Req.)	S09942
802A	Nut, Hex 3/8-16 (4 Req.)	S23103
802B	Nut, Hex 1/2-13x7/16" (2 Req.)	S23347
805A	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Req.)	S23717
811	Fitting, Grease	S23670
816	Ring, Retaining	S23016

- Shaft Replacement Kit** available for this model. Berkeley part number **B07596** for CW, **B07597** for CCW. Pump Shaft sold in shaft replacement kit only.

* Includes grease fitting.



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CAST IRON IMPELLER

B4.JRMBHHS

Flanged Case

Mechanical Seal Construction

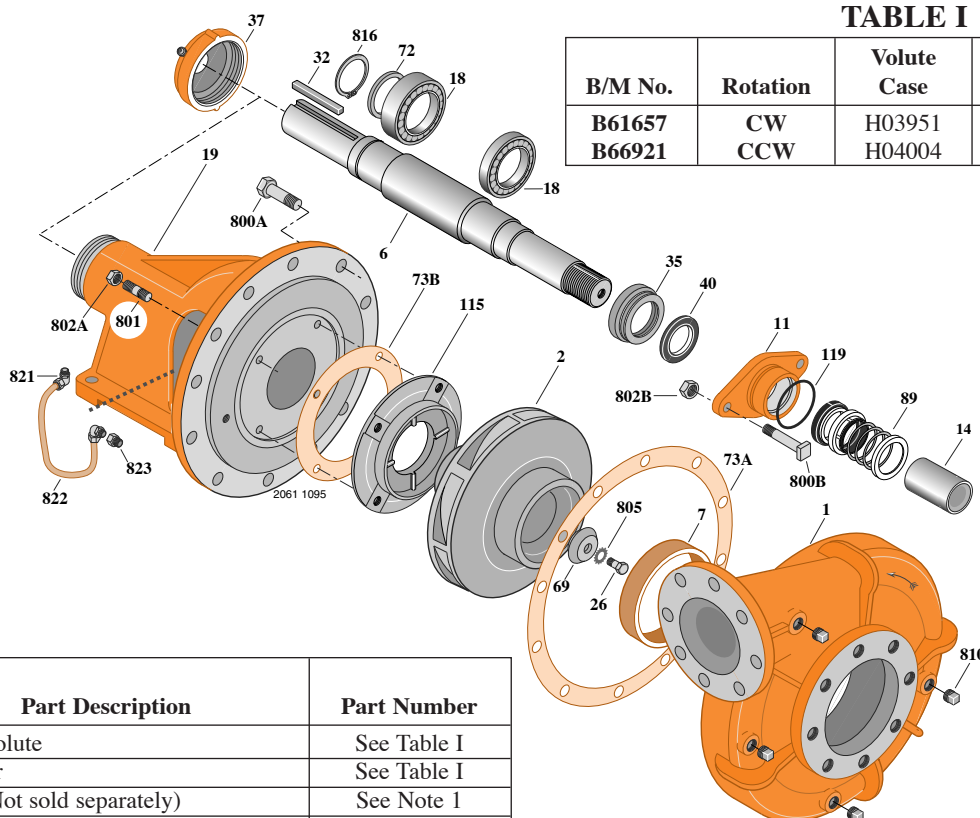


TABLE I

B/M No.	Rotation	Volute Case	Impeller	Impeller Diameter
B61657	CW	H03951	L05347	13.50"
B66921	CCW	H04004	L05369	13.50"

Item No.	Part Description	Part Number
1	Case, Volute	See Table I
2	Impeller	See Table I
6	Shaft (Not sold separately)	See Note 1
7	Ring, Wearing	M03870
11	Retainer, Mechanical Shaft Seal	S11452
14	Sleeve, Shaft	S05974
16	Bearing, Ball	S15604
18	Bearing, Ball	S13396
19	Frame	H01838
26	Screw, Impeller 1/2-13x1-1/4"	S23621
32	Key, 1/2x4"	S24214
35	Inner Bearing Cap	S05928
37	Outer Bearing Cap Assembly*	S35277
40	Slinger, Water	S10964
69	Washer, Impeller	S19275
72	Ring, Thrust	S06519
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
89	Seal, Mechanical Shaft	S32693
115	Ring, Balance	S19521
119	O-Ring	S26471
800A	Capscrew, Hex 5/8-11x1-1/2" (12 Req.)	S26999
800B	Bolt, Sq. Head 1/2-13x2-1/4" (2 Req.)	S23792
801	Stud, 3/8-16x1-1/2" (4 Req.)	S23995

Item No.	Part Description	Part Number
802A	Nut, Hex 3/8-16 (4 Req.)	S23103
802B	Nut, Hex 1/2-13x7/16" (2 Req.)	S23347
805A	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Req.)	S23717
811	Fitting, Grease	S23670
816	Ring, Retaining	S23016
821	Elbow, Comp. Fitting (2 Req.)	S24128
822	Tubing, Copper	S20677
823	Bushing, Pipe	S24544

1. **Shaft Replacement Kit** available for this model.
Berkeley part number **B07596** for CW, **B07597** for CCW.
Pump Shaft sold in shaft replacement kit only.

* Includes grease fitting.



Type "B" Single Stage Centrifugal Pump Bearing Frame Mount

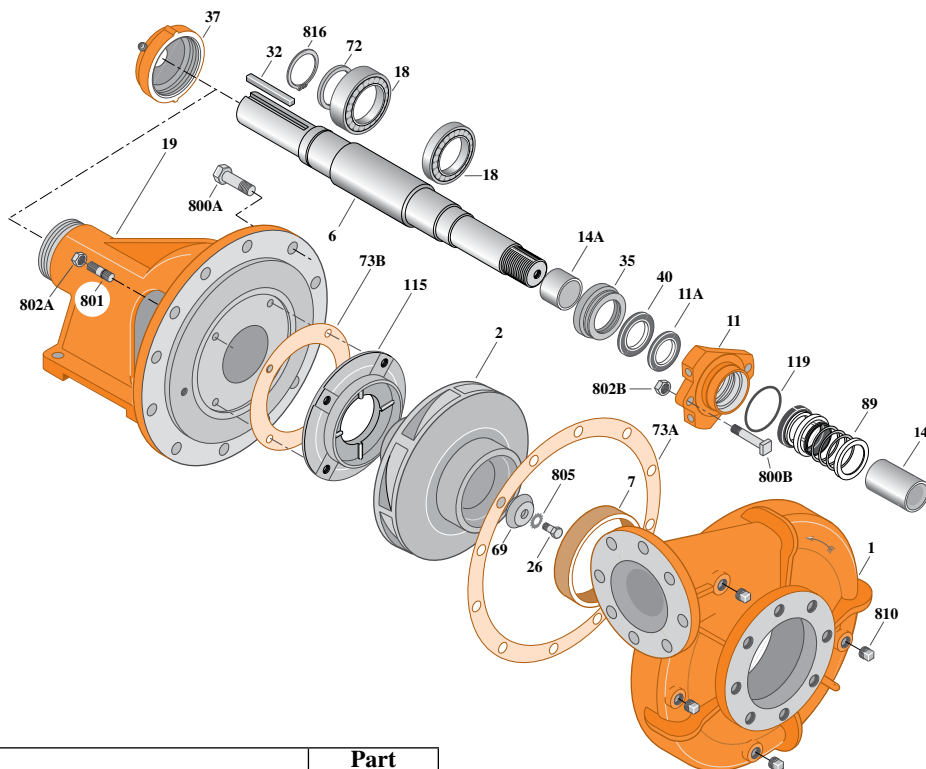
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CAST IRON IMPELLER

B4JRMBHHS

Flanged Case, Dry Run

Mechanical Shaft Seal Construction



Ref.	Part Description	Part Number
1	Case, Volute	See Table 1
2	Impeller	See Note 1
6	Shaft	See Note 1
7	Ring, Wearing	M03870
11	Retainer, Mechanical Shaft Seal, Dry Run	M14959
11A	Dry Run Gland Lip Seal	M12337
14	Sleeve, Shaft	S05974L
14A	Sleeve, Shaft	M14971
16	Bearing, Ball	S15604
18	Bearing, Ball	S13396
19	Frame	M14963
26	Screw, Impeller 1/2-13x1-1/4"	S23621
32	Key, 1/2x4"	S24214
35	Inner Bearing Cap	S05928
37	Outer Bearing Cap Assembly*	S35277
40	Slinger, Water	S10964
69	Washer, Impeller	M14217
72	Ring, Thrust	S06519
73A	Gasket, Volute	S06271
73B	Gasket, Balance Ring	S09943
89	Seal, Mechanical Shaft	S32693
115	Ring, Balance	S19521
119	O-Ring	M14972

Ref.	Part Description	Part Number
800A	Capscrew, Hex 5/8-11x1-1/2" (10 Rqd.)	S26999
800A	Capscrew, Hex 5/8-11x1-3/4" (2 Rqd. top ctr.)	S23701
800B	Bolt, Sq. Head 1/2-13x2-1/4" (2 Rqd.)	S23792
801	Stud, 3/8-16" x 1-1/2" (4 Rqd.)	S23994
802A	Nut, Hex 3/8-16" (4 Rqd.)	S23103
802B	Nut, Hex 1/2-13x7/16" (2 Rqd.)	S23347
805	Washer, Lock	S23038
810	Plug, Pipe 1/2 NPT (4 Rqd.)	S23717
811	Fitting, Grease	S23670
816	Ring, Retaining	S23016

*Includes grease fitting

Table I

B/M No.	Rotation	Volute Case	Impeller	Impeller Diameter
B61657D	CW	H05391	L05347	13.50"

NOTE 1: Shaft Replacement Kit is available for this model. Berkeley part number B07596. Pump shaft sold in replacement kit only. Refer to Supplement "C" for shaft kit components.

NOTE 2: Refer to Supplement "F" for dry run tank repair parts. Dry run lubrication system requires one gallon of food grade hydraulic oil (FGHO), viscosity 150 SSU at 100 °F. Oil not supplied, purchase locally.