BERKELEY® B2ZPL Cast Iron Impeller

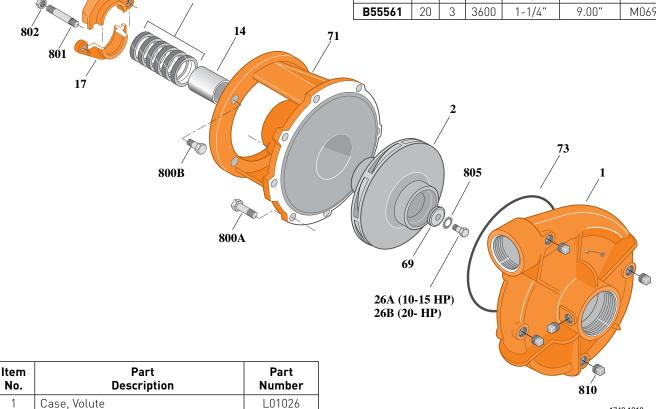
Threaded Case (NPT), Packing Construction

FLECTRIC MOTOR DRIVE

Section	CC
Page	80.1
Date	March 4, 2013
	Supersedes 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B55571	10	1	3600	1-1/4"	7.56"	M07664
B55572	10	3	3600	1-1/4"	7.56"	M07664
B55573	15	3	3600	1-1/4"	8.31"	M07663
B55561	20	3	3600	1-1/4"	9.00"	M06933



See Table I

S13470

S05149L

B82470

S23621

S23619

S23677

S06319

See Table II

M14943

S26826

S26916

S08303

S23343

S23038

S23715

1743 1210

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	213JP
15	3	L03827	8-1/2"	1-1/4"	215JP
20	3	L03827	8-1/2"	1-1/4"	254JP

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.



2

13

14

17

26A

26B

32 69

71

73

800A

800B

801

802

805

Impeller

Bracket

Sleeve, Shaft

Gland, Packing

Washer, Impeller

O-Ring (See Note 2)

Rings, Packing (Set of 6)

Screw, Impeller 1/2 -13 x 1-1/4"

Screw, Impeller 1/2 -13 x 1"

Key, 1/4 x 2-1/4" (See Note 1)

Capscrew, 3/8 - 16 x 1" (8 Req.)

Stud, 3/8- 16 x 4" (2 Req.)

Nut, Hex 3/8 -16 (2 Reg.)

Plug, Pipe 1/4 NPT (5 Req.)

Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)

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Washer, Lock

BERKELEY® B2ZPLS

Cast Iron Impeller

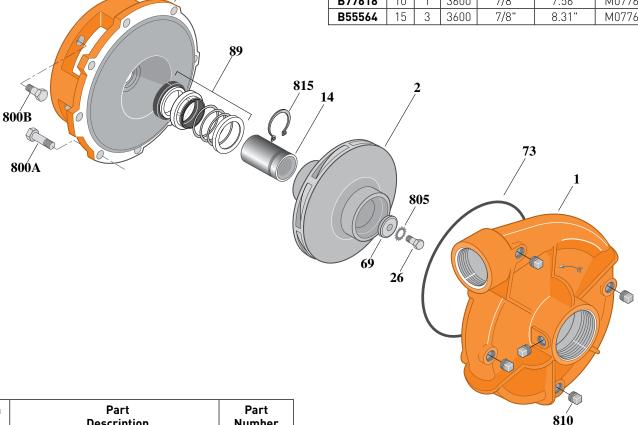
Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

Section		CC
Page		80.2
Date		March 4, 2013
	Superse	des 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B55562	10	1	3600	7/8"	7.56"	M07761
B55563	10	3	3600	7/8"	7.56"	M07761
B59742	10	1	3600	7/8"	7.56"	M07761
B77618	10	1	3600	7/8"	7.56"	M07761
B55564	15	3	3600	7/8"	8.31"	M07762



Item No.	Part Description	Part Number
1	Case, Volute	L01026
2	Impeller	See Table I
14	Sleeve, Shaft	S19310L
26	Screw, Impeller 3/8 - 16 x 1"	S23566
32	Key, 3/16 x 1-1/4" (See Note 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715
815	Ring, Retaining	S11207

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L05331	8-1/2"	7/8"	215JM
10	3	L05331	8-1/2"	7/8"	213JM
15	3	L05331	8-1/2"	7/8"	215JM

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.



BERKELEY® B2ZPLS

Cast Iron Impeller

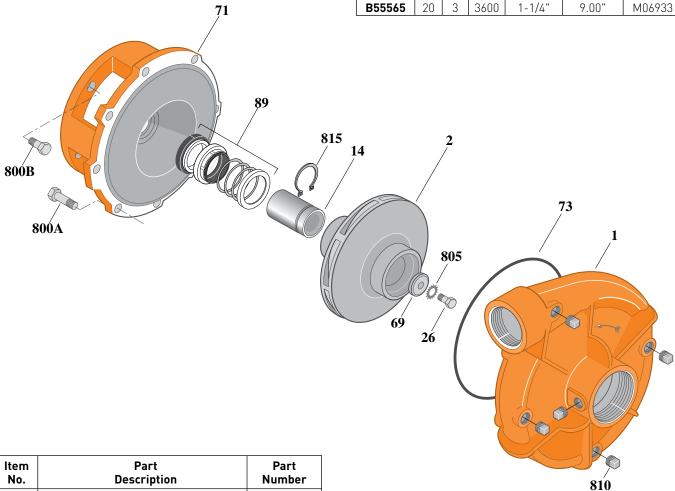
Threaded Case (NPT), Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

Section	CC
Page	80.3
Date	March 4, 2013
Supe	ersedes 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B55565	20	3	3600	1-1/4"	9.00"	M06933



Case, Volute L01026 2 Impeller See Table I 14 Sleeve, Shaft S18869L 26 Screw, Impeller 1/2 - 13 x 1" S23619 Key, 1/4 x 2-1/4" (See Note 1) S23677 32 69 Washer, Impeller S06319 71 Bracket See Table II 73 O-Ring (See Note 2) M14943 Seal, Mechanical Shaft S32015 Capscrew, 3/8 - 16 x 1" (8 Req.) S26826 800A 800B Capscrew, 1/2 - 13 x 1" (4 Req.) S26912 805 Washer, Lock S23038 Plug, Pipe 1/4 NPT (5 Reg.) S23715 810 815 Ring, Retaining S16767

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	3	L04615	8-1/2"	1-1/4"	254JM

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to Supplement A located at the beginning of this section.

NOTE 2: Also accepts gasket S05126 as replacement for O-Ring. See Supplement E located at the beginning of this section.



1607 1210

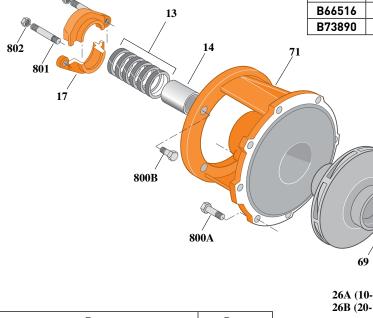
Threaded Case (NPT), Packing Construction

ELECTRIC MOTOR DRIVE

Section		CC
Page		80.4
Date		March 4, 2013
	Superse	des 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66546	10	1	3600	1-1/4"	7.56"	L06638
B73881	10	1	3600	1-1/4"	7.56"	L08073
B66547	10	3	3600	1-1/4"	7.56"	L06638
B73882	10	3	3600	1-1/4"	7.56"	L08073
B66515	15	3	3600	1-1/4"	8.31"	L06637
B73886	15	3	3600	1-1/4"	8.31"	L08074
B66516	20	3	3600	1-1/4"	9.00"	L06664
B73890	20	3	3600	1-1/4"	9.00"	L08075



Item No.	Part Description	Part Number
1	Case, Volute	L01026
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149L
17	Gland, Packing	B82470
26A	Screw, Impeller 1/2 -13 x 1-1/4"	S23621
26B	Screw, Impeller 1/2 -13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
801	Stud, 3/8- 16 x 4" (2 Req.)	S08303
802	Nut, Hex 3/8 -16 (2 Req.)	S23343
805	Washer, Lock	S23038
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715

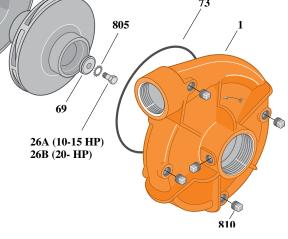


Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	213JP
15	3	L03827	8-1/2"	1-1/4"	215JP
20	3	L03827	8-1/2"	1-1/4"	254JP

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.



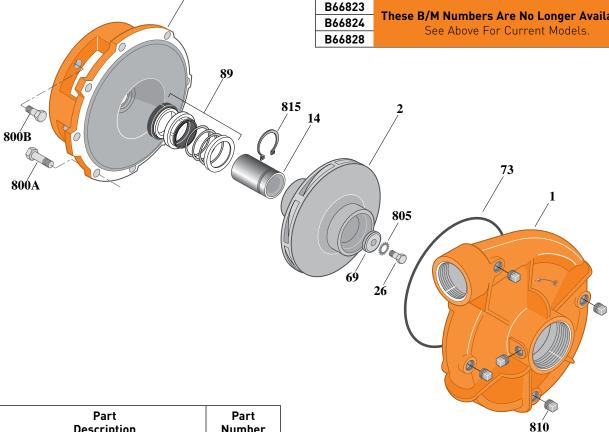
Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

Section	CC
Page	80.5
Date	March 4, 2013
	Supersedes 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B73894	10	1	3600	7/8"	7.56"	L08076
B73895	10	3	3600	7/8"	7.56"	L08076
B73899	15	3	3600	7/8"	8.31"	L08077
B66823	T I		/NA NI		M. I	A 11 - 1-1 -
B66824	ine	-			No Longer / crent Model	
B66828		`	bee Aut	ove For Gui	Terri Model	5.



Item No.	Part Description	Part Number
1	Case, Volute	L01026
2	Impeller	See Table I
14	Sleeve, Shaft	S19310L
26	Screw, Impeller 3/8 - 16 x 1"	S23566
32	Key, 3/16 x 1-1/4" (See Note 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	O-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32014
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715
815	Ring, Retaining	S11207

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L05331	8-1/2"	7/8"	215JM
10	3	L05331	8-1/2"	7/8"	213JM
15	3	L05331	8-1/2"	7/8"	215JM

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.

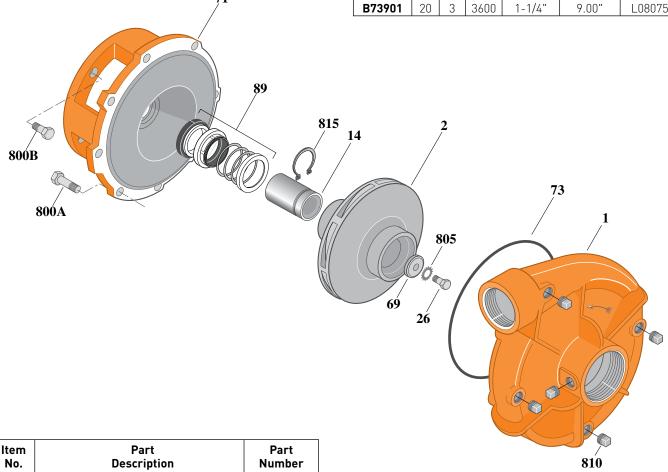
Threaded Case (NPT), Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

Section	CC
Page	80.6
Date	March 4, 2013
	Supersedes 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B66517	No L	.onge	r Availa	ble. See Be	low For Curr	ent Model.
B73901	20	3	3600	1-1/4"	9.00"	L08075



L01026

See Table I

S18869L

S23619

S23677

S06319

See Table II

M14943

S32015

S26826

S26912

S23038

S23715

S16767

1607 1210

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	3	L04615	8-1/2"	1-1/4"	254JM

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.



Case, Volute

Sleeve, Shaft

Washer, Impeller

Washer, Lock

Ring, Retaining

O-Ring (See Note 2)

Seal, Mechanical Shaft

Screw, Impeller 1/2 - 13 x 1"

Key, 1/4 x 2-1/4" (See Note 1)

Capscrew, 3/8 - 16 x 1" (8 Req.)

Capscrew, 1/2 - 13 x 1" (4 Req.)

Plug, Pipe 1/4 NPT (5 Reg.)

Impeller

Bracket

2

14

26

32 69

71

73

800A

800B

805

810

815

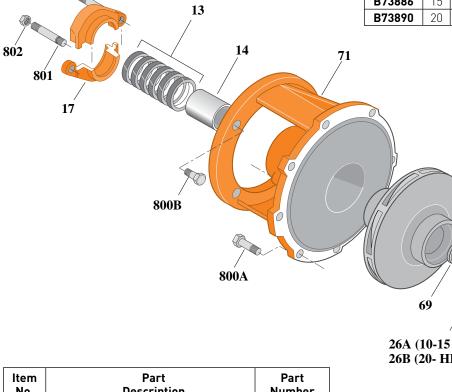
Threaded Case (NPT), Packing Construction

ELECTRIC MOTOR DRIVE

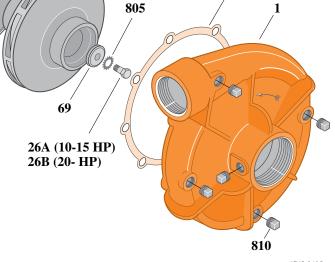
Section	CC
Page	80.7
Date	March 4, 2013
	Supersedes 09/01/97

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B73881	10	1	3600	1-1/4"	7.56"	L08073
B73882	10	3	3600	1-1/4"	7.56"	L08073
B73886	15	3	3600	1-1/4"	8.31"	L08074
B73890	20	3	3600	1-1/4"	9.00"	L08075



Item No.	Part Description	Part Number
1	Case, Volute	L01026
2	Impeller	See Table I
13	Rings, Packing (Set of 6)	S13470
14	Sleeve, Shaft	S05149
17	Gland, Packing	S12034
26A	Screw, Impeller 1/2 -13 x 1-1/4"	S23621
26B	Screw, Impeller 1/2 -13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	Gasket, Volute	S05126
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1-1/2" (4 Req.)	S26916
801	Stud, 3/8- 16 x 4" (2 Req.)	S08303
802	Nut, Hex 3/8 -16 (2 Req.)	S23343
805	Washer, Lock	S23038
810	Plug, Pipe 1/4" NPT (5 Req.)	S23715



1743 0495

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	213JP
15	3	L03827	8-1/2"	1-1/4"	215JP
20	3	L03827	8-1/2"	1-1/4"	254JP

NOTE: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.



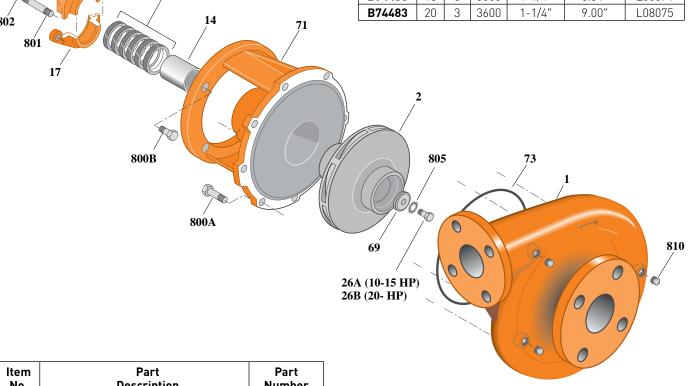
Flanged Case, Packing Construction

ELECTRIC MOTOR DRIVE

Section	CC
Page	80.8
Date	March 4, 2013
	Supersedes 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74476	10	1	3600	1-1/4"	7.56"	L08073
B74477	10	3	3600	1-1/4"	7.56"	L08073
B74480	15	3	3600	1-1/4"	8.31"	L08074
B74483	20	3	3600	1-1/4"	9.00"	L08075



S23715

Description Number No. Case, Volute H05524 Impeller See Table I 13 Rings, Packing (Set of 6) S13470 S05149L 14 Sleeve, Shaft 17 Gland, Packing B82470 Screw, Impeller 1/2 -13 x 1-1/4" S23621 26B Screw, Impeller 1/2 -13 x 1" S23619 Key, 1/4 x 2-1/4" (See Note 1) 32 S23677 Washer, Impeller S06319 69 71 Bracket See Table II O-Ring (See Note 2) M14943 Capscrew, 3/8 - 16 x 1" (8 Reg.) 800A S26826 Capscrew, 1/2 - 13 x 1-1/2" (4 Req.) 800B S26916 801 Stud, 3/8- 16 x 4" (2 Req.) S08303 802 Nut, Hex 3/8 -16 (2 Reg.) S23343 805 Washer, Lock S23038

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L03827	8-1/2"	1-1/4"	215JP
10	3	L03827	8-1/2"	1-1/4"	213JP
15	3	L03827	8-1/2"	1-1/4"	215JP
20	3	L03827	8-1/2"	1-1/4"	254JP

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: Also accepts gasket **S05126** as replacement for O-ring. See **Supplement E** located at the beginning of this section.



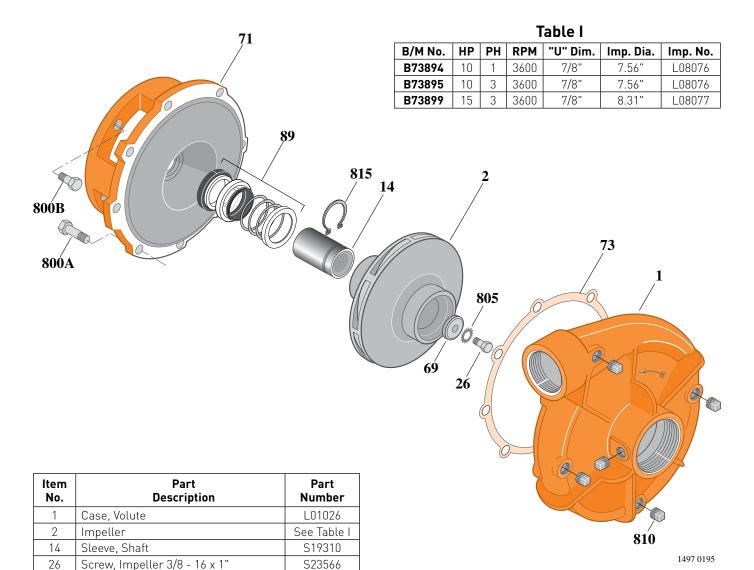
Plug, Pipe 1/4" NPT (4 Req.)

1743B 1210

Threaded Case (NPT), Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

Section		CC
Page		80.9
Date	March	4, 2013
	Supersedes 09/01/97	



S34383

S06314

See Table II

S05126

S32014

S26826

S26912

S23036

S23715

S11207

S23714

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L05331	8-1/2"	7/8"	215JM
10	3	L05331	8-1/2"	7/8"	213JM
15	3	L05331	8-1/2"	7/8"	215JM

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: For seal flush line details, see Supplement D.

• Not illustrated.

32

69

71

73

800A

800B

805

810

815

Key, 3/16 x 1-1/4" (See Note 1)

Capscrew, 3/8 - 16 x 1" (8 Req.)

Capscrew, 1/2 - 13 x 1" (4 Req.)

Plug, Pipe 1/8" NPT (In Bracket)

Plug, Pipe 1/4" NPT (5 Req.)

Washer, Impeller

Seal, Mechanical Shaft

Gasket, Volute

Washer, Lock

Ring, Retaining

Bracket



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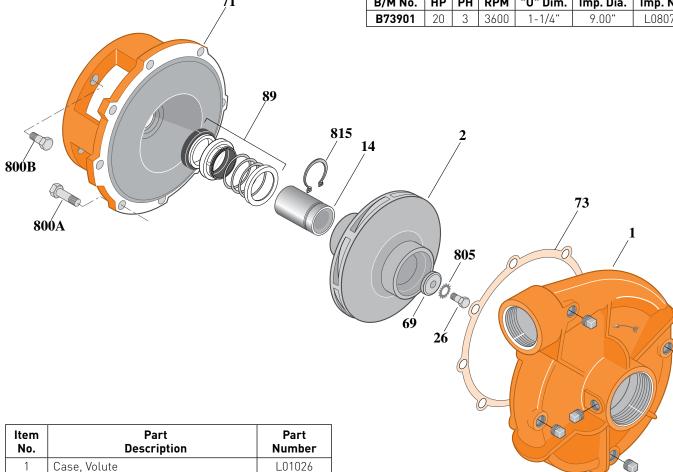
Threaded Case (NPT), Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

Section	CC
Page	80.10
Date	March 4, 2013
	Supersedes 09/01/97

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B73901	20	3	3600	1-1/4"	9.00"	L08075



Item No.	Part Description	Part Number
1	Case, Volute	L01026
2	Impeller	See Table I
14	Sleeve, Shaft	S18869
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	Washer, Impeller	S06319
71	Bracket	See Table II
73	Gasket, Volute	S05126
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810	Plug, Pipe 1/4" NPT (5 Req.)	S23715
815	Ring, Retaining	S16767
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

T۵	h	ما	1	ı

810

1607 0195

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	3	L04615	8-1/2"	1-1/4"	254JM

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to Supplement A located at the beginning of this section.

NOTE 2: For seal flush line details, see Supplement D.



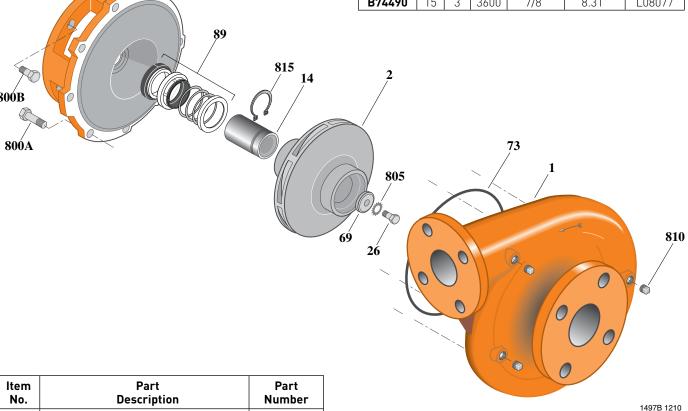
Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

Section		CC
Page		80.11
Date		March 4, 2013
	Superse	des 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74486	10	1	3600	7/8"	7.56"	L08076
B74487	10	3	3600	7/8"	7.56"	L08076
B74490	15	3	3600	7/8"	8.31"	L08077



Item No.	Part Description	Part Number
1	Case, Volute	H05524
2	Impeller	See Table I
14	Sleeve, Shaft	S19310L
26	Screw, Impeller 3/8 - 16 x 1"	S23566
32	Key, 3/16 x 1-1/" (See Note 1)	S34383
69	Washer, Impeller	S06314
71	Bracket	See Table II
73	73 O-Ring (See Note 2)	
89	89 Seal, Mechanical Shaft	
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23036
810	810 Plug, Pipe 1/4" NPT (4 Req.)	
815	Ring, Retaining	S11207
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
10	1	L05331	8-1/2"	7/8"	215JM
10	3	L05331	8-1/2"	7/8"	213JM
15	3	L05331	8-1/2"	7/8"	215JM

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.

NOTE 3: For seal flush line details, see Supplement D.



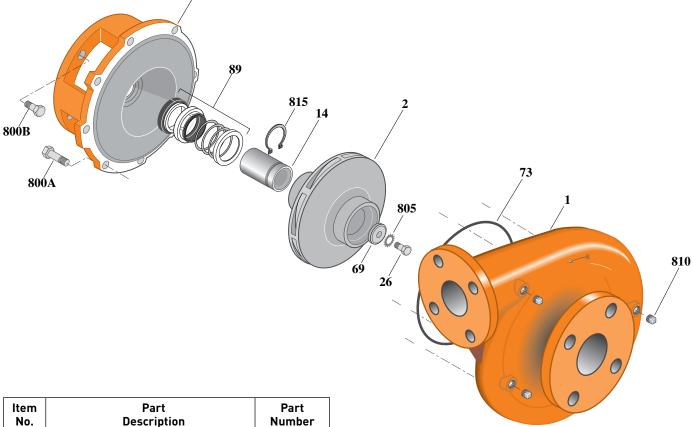
Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

Section		CC
Page		80.12
Date		March 4, 2013
	Superse	des 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B74492	20	3	3600	1-1/4"	9.00"	L08075



Item No.	Part Description	Part Number
1	Case, Volute	H05524
2	Impeller	See Table I
14	Sleeve, Shaft	S18869L
26	Screw, Impeller 1/2 - 13 x 1"	S23619
32	Key, 1/4 x 2-1/4" (See Note 1)	S23677
69	69 Washer, Impeller	
71	Bracket	See Table II
73	73 O-Ring (See Note 2)	
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.)	S26912
805	Washer, Lock	S23038
810	810 Plug, Pipe 1/4" NPT (4 Req.)	
815	Ring, Retaining	S16767
•	Plug, Pipe 1/8" NPT (In Bracket)	S23714

• Not illustrated.

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
20	3	L04615	8-1/2"	1-1/4"	254JM

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to **Supplement A** located at the beginning of this section.

NOTE 2: Also accepts gasket **S05126** as replacement for O-Ring. See **Supplement E** located at the beginning of this section.

NOTE 3: For seal flush line details, see Supplement D.



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