BERKELEY® B3EPBL Cast Iron Impeller

Threaded Case (NPT), Packing Construction

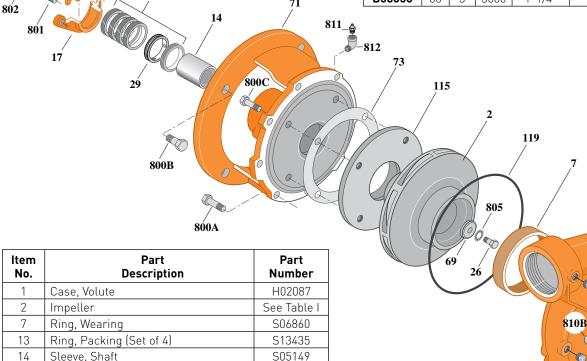
13 See Supplement B

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B58054	40	3	3600	1-1/4"	7.81"	M07701
B58055	50	3	3600	1-1/4"	8.56"	M07702
B58056	60	3	3600	1-1/4"	9.25"	M07703



B82470

S23623

S19200

S23677

S18117

See Table II

S09943

L03648

S13760

S26914

S26999

S26826

S04438

S23343

S23038

S23715

S23717

S23700

S25421

1756 0495

810A

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
40	3	L03497	12-1/2"	1-1/4"	286JP
50	3	L03497	12-1/2"	1-1/4"	324JP
60	3	L03497	12-1/2"	1-1/4"	326JP

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.



17

26

29

32

69

71

73

115

119

800A

800B

800C

801

802

805

810A

810B

811

Gland, Packing

Ring, Lantern

Ring, Balance

Washer, Lock

Fitting, Grease

Elbow, Street

Plug, Pipe 1/2 NPT

Bracket

0-Ring

Washer, Impeller

Gasket, Balance Ring

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

Capscrew, 1/2 - 13 x 1-1/4" (8 Req.)

Capscrew, 5/8 - 11 x 1-1/2" (4 Req.)

Capscrew, 3/8 - 16 x 1" (4 Req.)

Stud, 3/8 - 16 x 2-1/2" (2 Req.)

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

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

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

BERKELEY® B3EPBL Cast Iron Impeller

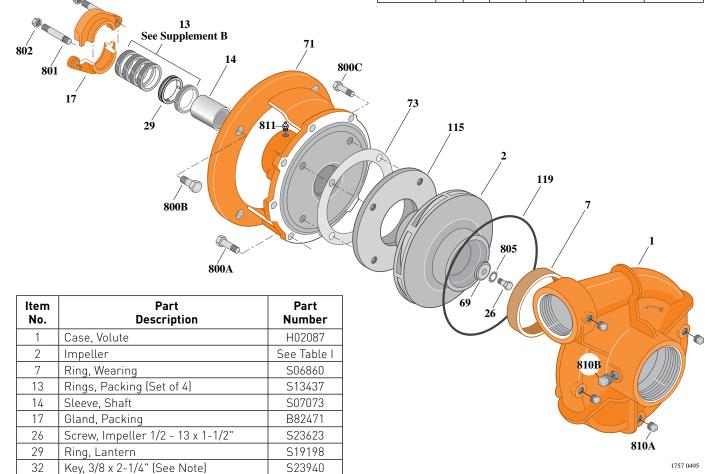
Threaded Case (NPT), Packing Construction

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B58057	75	3	3600	1-5/8"	10.12"	L06116



S18801

See Table II

S09943 L03697

S13760

S26914

S26999

S26826

S04438

S23343

S23038

S23715

S23717

S23700

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
75	3	L05610	12-1/2"	1-5/8"	364JP

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.



69

71

73

115

119

800A

800B

800C

802

805

810A

810B

811

Washer, Impeller

Ring, Balance

Washer, Lock

Fitting, Grease

Plug, Pipe 1/2 NPT

Gasket, Balance Ring

Capscrew, 1/2 - 13 x 1-1/4" (8 Req.)

Capscrew, 5/8 - 11 x 1-1/2" (4 Req.)

Capscrew, 3/8 - 16 1" (4 Req.)

Stud, 3/8 - 16 x 2-1/2" (2 Req.)

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

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

Bracket

0-Ring

Cast Iron Impeller

Threaded Case (NPT), Mechanical Shaft Seal Construction

800C

115

Part

Number

H02087

S23715

S23717

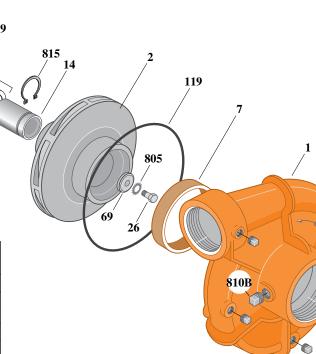
S16767

ELECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B58058	40	3	3600	1-1/4"	7.81"	M07701
B58059	50	3	3600	1-1/4"	8.56"	M07702
B58060	60	3	3600	1-1/4"	9.25"	M07703



1626 0295

810A

2	Impeller	See Table I
7	Ring, Wearing	S06860
14	Sleeve, Shaft	S18869
26	Screw, Impeller 1/2 - 13 x 1-1/2"	S23623
32	Key, 1/4 x 2-1/4" (See Note)	S23677
69	Washer, Impeller	S18117
71	Bracket	See Table II
73	Gasket, Balance Ring	S09943
89	Seal, Mechanical Shaft	S32015
105	Washer, Lock	S23038
115	Ring, Blanace	L05262
119	0-Ring	S13760
800A	Capscrew, 1/2 - 13 x 1-1/4" (8 Req.)	S26914
800B	Capscrew, 5/8 - 11 x 1-1/2" (4 Req.)	S26999
800C	Capscrew, 3/8 - 16 x 3/4" (4 Req.)	S26824
805	Washer, Lock	S23038

Part

Description

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
40	3	L04628	12-1/2"	1-1/4"	286JM
50	3	L04628	12-1/2"	1-1/4"	324JM
60	3	L04628	12-1/2"	1-1/4"	326JM

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.



810A

810B

815

800B

Item

No.

Case, Volute

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

Plug, Pipe 1/2 NPT

Ring, Retaining

Cast Iron Impeller

Threaded Case (NPT), Mechanical Shaft Seal Construction

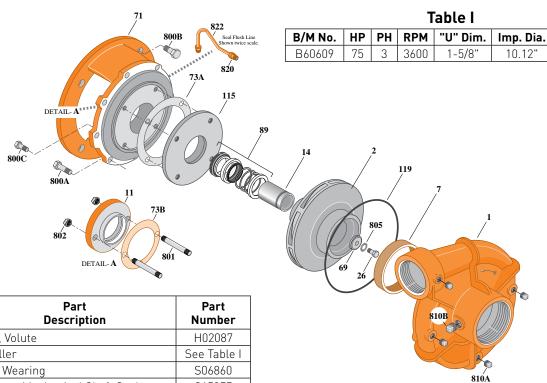
ELECTRIC MOTOR DRIVE

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1627 0295

Imp. No.

L06116



Item No.	Part Description	Part Number
1	Case, Volute	H02087
2	Impeller	See Table I
7	Ring, Wearing	S06860
11	Retainer, Mechanical Shaft Seal	S15377
14	Sleeve, Shaft	S07073
26	Screw, Impeller 1/2 - 13 x 1-1/2"	S23623
32	Key, 3/8 x 2-1/4" (See Note)	S23940
69	Washer, Impeller	S18801
71	Bracket	See Table II
73A	Gasket, Balance Ring	S09943
73B	Gasket, Seal Retainer	S15078
89	Seal, Mechanical Shaft	S32016
115	Ring, Balance	L03697
119	0-Ring	S13760
800A	Capscrew, 1/2 - 13 x 1-1/4" (8 Req.)	S26914
800B	Capscrew, 5/8 - 11 x 1-3/4" (4 Req.)	S27001
800C	Capscrew, 3/8 - 16 x 1" (4 Req.)	S26826
801	Stud, 3/8 - 16 x 2-1/2" (2 Req.)	S04438
802	Nut, 3/8 - 16 (2 Req.)	S23343
805	Washer, Lock	S23038
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717
820	Connector, Comp. Fitting (2 Req.)	S24013
822	Tubing, Copper	S20677
•	Plug, Pipe 1/8 NPT (At Seal Bore)	S23714

• Not illustrated.

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
75	3	L06315	12-1/2"	1-5/8"	364JP



Part

Description

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

Capscrew, 1/2 - 13 x 1-1/4" (8 Req.)

Capscrew, 5/8 - 11 x 1-1/2" (4 Reg.)

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

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

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

Bronze Impeller

800B

Item

No.

2

7

14

26

32

69

73

105

115

119

800A

800B

810A

810B

815

Case, Volute

Ring, Wearing

Sleeve, Shaft

Washer, Impeller

Washer, Lock

Ring, Blanace

Washer, Lock

Plug, Pipe 1/2 NPT

Ring, Retaining

Gasket, Balance Ring

Seal, Mechanical Shaft

Impeller

Bracket

0-Ring

Threaded Case (NPT), Mechanical Shaft Seal Construction

800C

115

S23677

S18117

See Table II

S09943

S32015

S23038

L05262

S13760

S26914

S26999

S26824

S23038

S23715

S23717

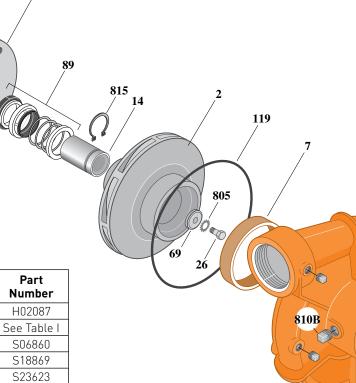
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FLECTRIC MOTOR DRIVE

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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B77186	40	3	3600	1-1/4"	7.81"	M11555
B77189	50	3	3600	1-1/4"	8.56"	M11556
B76743	60	3	3600	1-1/4"	9.25"	M11547



1626 0295

810A

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
40	3	L04628	12-1/2"	1-1/4"	286JM
50	3	L04628	12-1/2"	1-1/4"	324JM
60	3	L04628	12-1/2"	1-1/4"	326JM

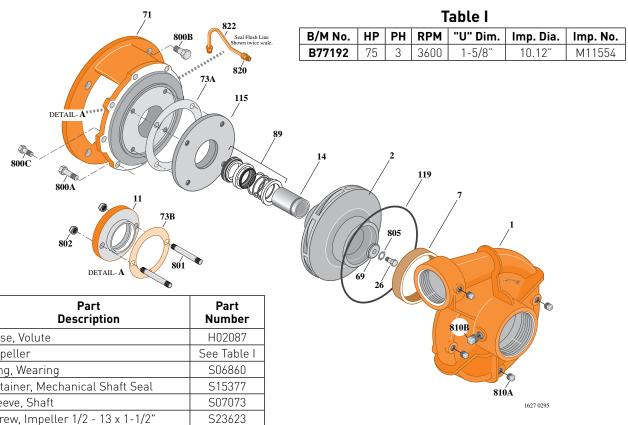


Bronze Impeller

Threaded Case (NPT), Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

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Case, Volute 2 Impeller 7 Ring, Wearing 11 Retainer, Mechanical Shaft Seal 14 Sleeve, Shaft Screw, Impeller 1/2 - 13 x 1-1/2" 26 Key, 3/8 x 2-1/4" (See Note) 32 S23940 Washer, Impeller S18801 71 Bracket See Table II 73A Gasket, Balance Ring S09943 73B Gasket, Seal Retainer S15078 S32016 89 Seal, Mechanical Shaft L03697 115 Ring, Balance 119 0-Ring S13760 800A Capscrew, 1/2 - 13 x 1-1/4" (8 Req.) S26914 800B Capscrew, 5/8 - 11 x 1-3/4" (4 Req.) S27001 Capscrew, 3/8 - 16 x 1" (4 Req.) 800C S26826 801 Stud, 3/8 - 16 x 2-1/2" (2 Req.) S04438 802 Nut, 3/8 - 16 (2 Req.) S23343 805 Washer, Lock S23038 810A Plug, Pipe 1/4 NPT (4 Reg.) S23715 810B Plug, Pipe 1/2 NPT S23717 820 Connector, Comp. Fitting (2 Reg.) S24013 822 Tubing, Copper S20677 Plug, Pipe 1/8 NPT (At Seal Bore) S23714

• Not illustrated.

Item

No.

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
75	3	L06315	12-1/2"	1-5/8"	364JP



BERKELEY® B3EPBLS Bronze Impeller

Flanged Case, Mechanical Shaft Seal Construction

800B

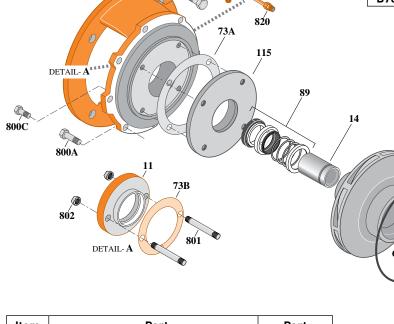
Seal Flush Line

ELECTRIC MOTOR DRIVE

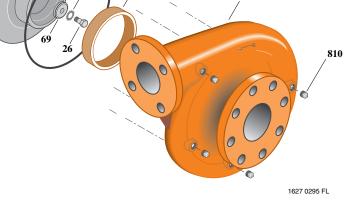
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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B76763	40	3	3600	1-1/4"	7.81"	M11555
B76764	50	3	3600	1-1/4"	8.56"	M11556
B76765	60	3	3600	1-1/4"	9.25"	M11547



Item No.	Part Description	Part Number
1	Case, Volute	H05536
2	Impeller	See Table I
7	Ring, Wearing	S06860
14	Sleeve, Shaft	S18869
26	Screw, Impeller 1/2 - 13 x 1-1/2"	S23623
32	Key, 1/4 x 2-1/4" (See Note)	S23677
69	Washer, Impeller	S18117
71	Bracket	See Table II
73	Gasket, Balance Ring	S09943
89	Seal, Mechanical Shaft	S32015
105	Washer, Lock	S23038
115	Ring, Blanace	L05262
119	0-Ring	S13760
800A	Capscrew, 1/2 - 13 x 1-1/4" (8 Req.)	S26914
800B	Capscrew, 5/8 - 11 x 1-1/2" (4 Req.)	S26999
800C	Capscrew, 3/8 - 16 x 3/4" (4 Req.)	S26824
805	Washer, Lock	S23038
810A	Plug, Pipe 1/4 NPT (4 Req.)	S23715
810B	Plug, Pipe 1/2 NPT	S23717
815	Ring, Retaining	S16767



805

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
40	3	L04628	12-1/2"	1-1/4"	286JM
50	3	L04628	12-1/2"	1-1/4"	324JM
60	3	L04628	12-1/2"	1-1/4"	326JM



Bronze Impeller

Key, 3/8 x 2-1/4" (See Note)

Washer, Impeller

Ring, Balance

Gasket, Balance Ring

Gasket, Seal Retainer

Seal, Mechanical Shaft

Capscrew, 1/2 - 13 x 1-1/4" (8 Req.)

Capscrew, 5/8 - 11 x 1-3/4" (4 Req.)

Capscrew, 3/8 - 16 x 1" (4 Req.)

Stud, 3/8 - 16 x 2-1/2" (2 Req.)

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

Connector, Comp. Fitting (2 Reg.)

Plug, Pipe 1/8 NPT (At Seal Bore)

Nut, 3/8 - 16 (2 Req.)

Plug, Pipe 1/2 NPT

Tubing, Copper

Washer, Lock

Bracket

0-Ring

800C

32

71

73A

73B

89

115

119

800A

800B

800C

801

805

810A

810B

820

822

Flanged Case, Mechanical Shaft Seal Construction

800B

820

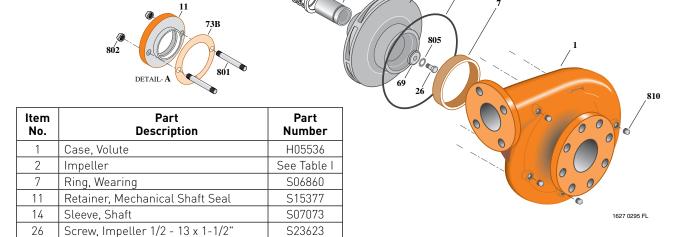
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Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B76766	75	3	3600	1-5/8"	10.12"	M11554



S23940

S18801

See Table II

S09943

S15078 S32016

L03697

S13760

S26914

S27001

S26826

S04438

S23343

S23038

S23715

S23717

S24013

S20677

S23714

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
75	3	L06315	12-1/2"	1-5/8"	364JP

[•] Not illustrated.

