BERKELEY® B2ZPH Cast Iron Impeller

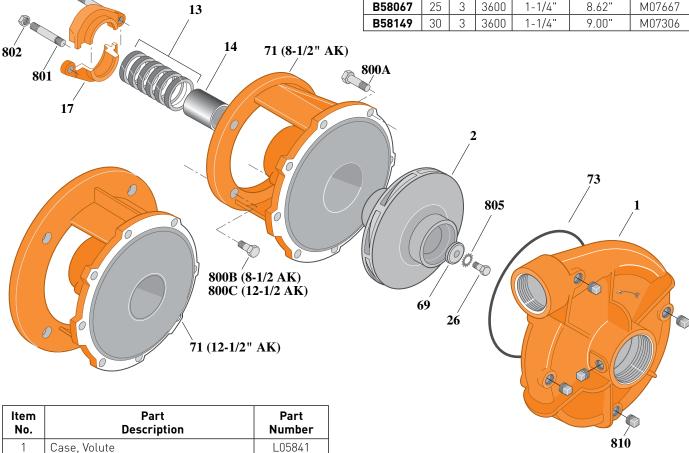
Threaded Case (NPT), Packing Construction

FLECTRIC MOTOR DRIVE

Section	CC
Page	90.1
Date	March 4, 2013
	Supersedes 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B58067	25	3	3600	1-1/4"	8.62"	M07667
B58149	30	3	3600	1-1/4"	9.00"	M07306



See Table I

S13470

S05149L

B82470

S23619

S23677

S06319

See Table II

M14943

S26826

S26916

S26999

S08303

S23343

S23038

S23175

1744 1210

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
25	3	L03827	8-1/2"	1-1/4"	256JP
30	3	L01563	12-1/2"	1-1/4"	284JP

NOTE 1: For an explanation of the tabulated material found on this page and for impeller key location, refer to ${\bf Supplement}\;{\bf A}$ 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

26

32

69

71

73

800A

800B

800C

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"

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 Req.)

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

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

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

293 WRIGHT STREET, DELAVAN, WI 53115 WWW.berkeleypumps.COM PH: 888-237-5353 ORDERS FAX: 800-321-8793 Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

Washer, Lock

BERKELEY® B2ZPHS Cast Iron Impeller

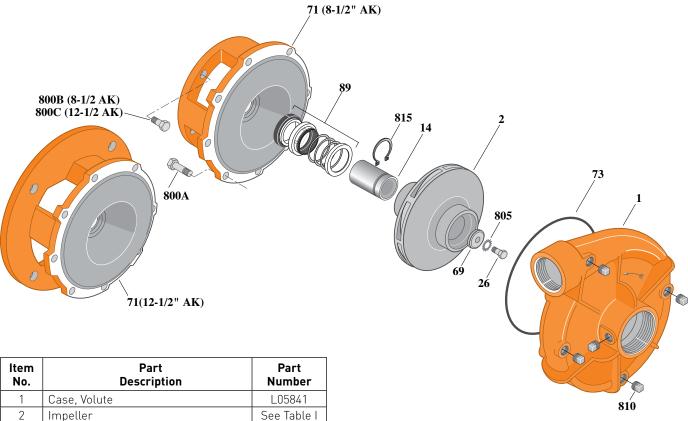
Threaded Case (NPT), Mechanical Shaft Seal Construction

FLECTRIC MOTOR DRIVE

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

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B58068	25	3	3600	1-1/4"	8.62"	M07667
B58069	30	3	3600	1-1/4"	9.00"	M07306



S18869L

S23619

S23677

S06319

See Table II

M14943

S32015

S26826

S26912

S26997

S23038

S23715

S16767

1608 1210

Table II

HP	PH	Bracket No.	"AK" Fit	"U" Dim.	Motor Frame
25	3	L04615	8-1/2"	1-1/4"	256JM
30	3	L04627	12-1/2"	1-1/4"	284JM

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.



Sleeve, Shaft

Bracket

Washer, Impeller

(For 8-1/2 AK)

(For 12-1/2 AK)

Ring, Retaining

Washer, Lock

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 Req.)

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

14

26

32

69

71

73

800A

800B

800B

805

810

815

BERKELEY® B2ZPHS Cast Iron Impeller

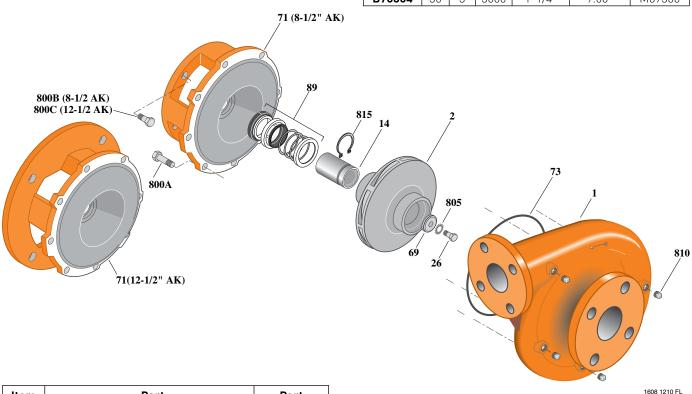
Flanged Case, Mechanical Shaft Seal Construction

ELECTRIC MOTOR DRIVE

Section	CC
Page	90.3
Date	March 4, 2013
	Supersedes 07/01/11

Table I

B/M No.	HP	PH	RPM	"U" Dim.	Imp. Dia.	Imp. No.
B76253	25	3	3600	1-1/4"	8.62"	M07667
B76304	30	3	3600	1-1/4"	9.00"	M07306



Item No.	Part Description	Part Number
1	Case, Volute	H05543
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	Washer, Impeller	S06319
71	Bracket	See Table II
73	0-Ring (See Note 2)	M14943
89	Seal, Mechanical Shaft	S32015
800A	Capscrew, 3/8 - 16 x 1" (8 Req.)	S26826
800B	Capscrew, 1/2 - 13 x 1" (4 Req.) (For 8-1/2 AK)	S26912
800B	Capscrew, 5/8 - 11 x 1-1/4" (4 Req.) (For 12-1/2 AK)	S26997
805	Washer, Lock	S23038
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715
815	Ring, Retaining	S16767

Table II

HP	HP PH Bracket No.		"AK" Fit	"U" Dim.	Motor Frame
25	3	L04615	8-1/2"	1-1/4"	256JM
30	3	L04627	12-1/2"	1-1/4"	284JM

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.

