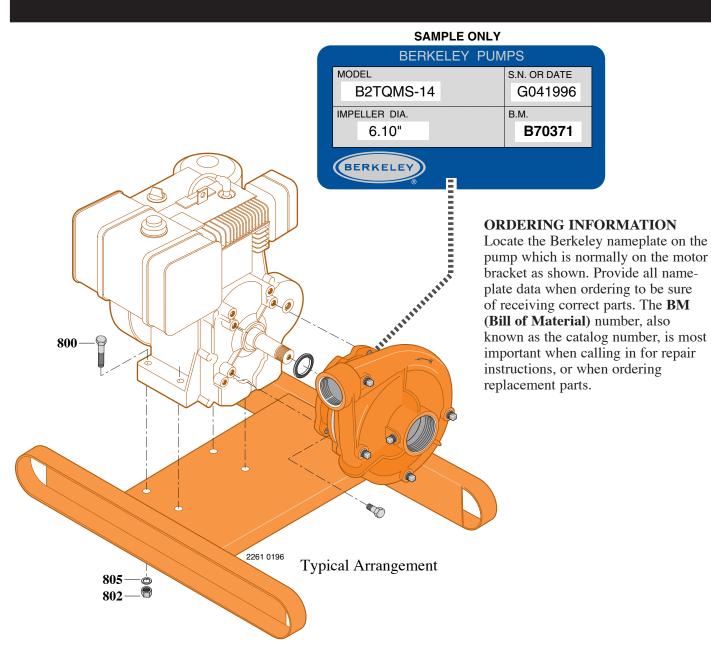


Section	AC
Supplement	А
Date	January 1, 2004
Supers	edes 2/1/96



#### BASE M10733 BASE S37504 BASE H05248

Item No.	Part Description	Part Number
800	Capscrew, Hex 5/16-18x1-3/8 (4 Req.)	S26790
802	Nut, Hex 5/16-18 (4 Req.)	S23671
805	Spring Washer, 5/16 (4 Req.)	\$23075

#### **BASE S37505**

Item No.	Part Description	Part Number
800	Capscrew, Hex 3/8-16x1-1/2 (4 Req.)	S26830
802	Nut, Hex 3/8-16 (4 Req.)	S23103
805	Spring Washer, 3/8 (4 Req.)	S23076

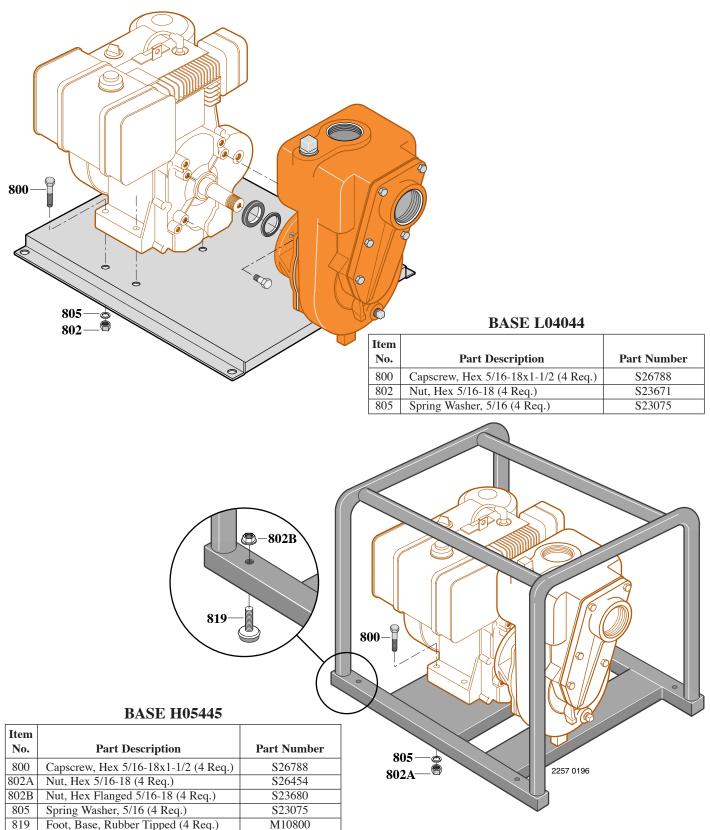
#### **BASE S37521**

Item No.	Part Description	Part Number
800	Capscrew, Hex 1/2-13x1 (4 Req.)	S26912
802	Nut, Hex 1/2-13 (4 Req.)	S23107
805	Spring Washer, 1/2 (4 Req.)	S23091

Form No. S4855BK



Section	AC
Supplement	В
Date	January 1, 2004
Supers	edes 2/1/96





Section	AC
Supplemen	t C
Date	January 1, 2004
Supe	rsedes 2/1/96

## **REPLACEMENT AIR COOLED ENGINES**

Model	НР	Engine Manufacturer	Manufacturer's Type No.	Starter	Battery Charger Generator	Fuel Tank	Crankshaft Extension	Catalog Number
EX13	4.5	Robin	Not Applicable	Rewind	Not Applicable	Included 0.70 Gal.	5/8"-18 Threaded	H05331
EX17	6	Robin	Not Applicable	Rewind	Not Applicable	Included 0.95 Gal.	5/8"-18 Threaded	H05330
EX27	9	Robin	Not Applicable	Rewind	Not Applicable	Included 1.59 Gal.	1"-14 Threaded	S30691
EH34	11	Robin	Not Applicable	12 Volt Electric	Included 10 Amp	Included 1.59 Gal.	1"-14 Threaded	H05504
EH41	13.5	Robin	Not Applicable	12 Volt Electric	Included 16 Amp	Included 1.85 Gal.	1"-14 Threaded	H05167
V-Twin	18	Briggs & Stratton Vanguard	Not Applicable	12 Volt Electric	Included 16 Amp	Not Applicable	1"-14 Threaded	H05159



SectionACPage10.1DateJanuary 1, 2004Supersedes 2/1/96

#### CAST IRON IMPELLER

#### **Threaded Case (NPT)**

#### B1WQS-9

#### **Mechanical Seal Construction**

			TA	BLE I		
	B/M No.	нр	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
	B72133	9	Robin	M12230	Rewind	M10733
40     71       600     19       600     2220105					1	

Item		
No.	Part Description	Part Number
1	Case, Volute	L04022
2	Impeller	M12221
14	Sleeve, Shaft	M10726
40	Slinger, Water	S03893
71	Bracket	L06779
73	Gasket	S05126
89	Seal, Mechanical Shaft	\$32013
119	O-Ring	M10728
800A	Capscrew, Hex 3/8-16x1" (8 Req.)	S26826
800B	Capscrew, Hex 5/16-24x3/4"(4 Req.)	S23168
810	Plug, Pipe 1/4 NPT (4 Req.)	\$23715



SectionACPage30.1DateJanuary 1, 2004Supersedes 2/1/96

#### CAST IRON IMPELLER

#### Threaded Case (NPT)

#### B1-1/2TQMS-9

#### **Mechanical Seal Construction**

			TA	BLE I		
	B/M No.	нр	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
	B72136	9	Robin	M12230	Rewind	M12393
40     1       600     19       600     2223 0196		2		73		

Item		
No.	Part Description	Part Number
1	Case, Volute	L01018
2	Impeller	L07510
14	Sleeve, Shaft	M10731
40	Slinger, Water	S03893
71	Bracket	L01600
73	Gasket	S04757
89	Seal, Mechanical Shaft	\$32014
119	O-Ring	M10728
800A	Capscrew, Hex 1/2-13x1" (4 Req.)	S26912
800B	Capscrew, Hex 3/8-16x1" (4 Req.)	S26826
810	Plug, Pipe 1/4 NPT (4 Req.)	\$23715



SectionACPage40.1DateJanuary 1, 2004Supersedes 2/1/96

#### **CAST IRON IMPELLER**

#### B1-1/2TQMS-11

#### Threaded Case (NPT)

**Mechanical Seal Construction** 

		TA	BLE I		
B/M No.	нр	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
B72599	11	Robin	H05504	Electric	H05766
	2		73		

Item No.	Part Description	Part Number
1	Case, Volute	L01018
2	Impeller	L07985
14	Sleeve, Shaft	M10731
40	Slinger, Water	S03893
71	Bracket	L01600
73	Gasket	S04757
89	Seal, Mechanical Shaft	\$32014
119	O-Ring	M10728
800A	Capscrew, Hex 1/2-13x1" (4 Req.)	S26912
800B	Capscrew, Hex 3/8-16x1" (4 Req.)	S26826
810	Plug, Pipe 1/4 NPT (4 Req.)	\$23715



SectionACPage50.1DateJanuary 1, 2004Supersedes 2/1/96

#### CAST IRON IMPELLER

#### **B1-1/2TQMS-14**

#### **Threaded Case (NPT)**

#### **Mechanical Seal Construction**

			TA	BLE I		
	B/M No.	нр	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
	B71146	14	Robin	H05167	Electric	H05248
Image: wide wide wide wide wide wide wide wide		2		73		

Item		
No.	Part Description	Part Number
1	Case, Volute	L01018
2	Impeller	L07511
14	Sleeve, Shaft	M10731
40	Slinger, Water	S03893
71	Bracket	L01600
73	Gasket	S04757
89	Seal, Mechanical Shaft	\$32014
119	O-Ring	M10728
800A	Capscrew, Hex 1/2-13x1" (4 Req.)	S26912
800B	Capscrew, Hex 3/8-16x1" (4 Req.)	S26826
810	Plug, Pipe 1/4 NPT (5 Req.)	\$23715



SectionACPage60.1DateJanuary 1, 2004Supersedes 2/1/96

#### **CAST IRON IMPELLER**

#### B1-1/2ZQLS-14

#### **Threaded Case (NPT)**

#### **Mechanical Seal Construction**

			TA	BLE I		
	B/M No.	НР	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
	B71124	14	Robin	H05167	Electric	H05248
40     1       600     19       600     225015			2 73			

Item		
No.	Part Description	Part Number
1	Case, Volute	L01025
2	Impeller	M10447
14	Sleeve, Shaft	M10726
40	Slinger, Water	S03893
71	Bracket	H05262
73	Gasket	S05126
89	Seal, Mechanical Shaft	S32013
119	O-Ring	M10728
800A	Capscrew, Hex 3/8-16x1" (8 Req.)	S26826
800B	Capscrew, Hex 5/16-24x1-3/8"(4 Req.)	S23562
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715



SectionACPage70.1DateJanuary 1, 2004Supersedes 2/1/96

#### CAST IRON IMPELLER

#### B1-1/2ZQLS-18

#### Threaded Case (NPT)

**Mechanical Seal Construction** 

			TA	BLE I		
	B/M No.	нр	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
	B70287	18	B & S Vanguard	H05159	Electric	H05248
40     71       0     14       800     19       800A     22200195			2 73			

Item		
No.	Part Description	Part Number
1	Case, Volute	L01025
2	Impeller	M10315
14	Sleeve, Shaft	M10726
40	Slinger, Water	S03893
71	Bracket	H05262
73	Gasket	S05126
89	Seal, Mechanical Shaft	S32013
119	O-Ring	M10728
800A	Capscrew, Hex 3/8-16x1" (8 Req.)	S26826
800B	Capscrew, Hex 5/16-24x1-1/2"(4 Req.)	S23562
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715



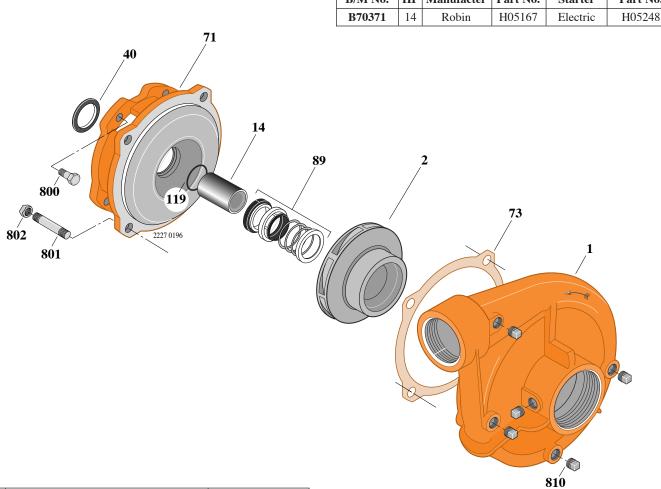
SectionACPage80.1DateJanuary 1, 2004Supersedes 2/1/96

#### CAST IRON IMPELLER

#### **Threaded Case (NPT)**

#### B2TQMS-14 Mechanical Seal Construction

# TABLE I Engine Engine Engine Base B/M No. HP Manufacter Part No. Starter Part No.



Item No.	Part Description	Part Number
1	Case, Volute	L01022
2	Impeller	M10452
14	Sleeve, Shaft	M10731
40	Slinger, Water	S03893
71	Bracket	L01600
73	Gasket	S04757
89	Seal, Mechanical Shaft	\$32014
119	O-Ring	M10728
800	Capscrew, Hex 1/2-13x1" (4 Req.)	S26826
801	Stud, 1/2-13x1-1/2" (4 Req.)	S24043
802	Nut, Hex 1/2-13 (4 Req.)	S23107
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715



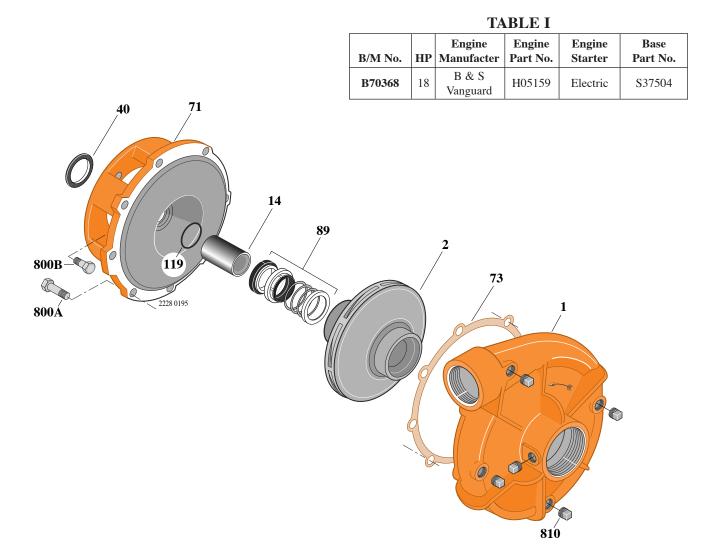
SectionACPage90.1DateJanuary 1, 2004Supersedes 2/1/96

#### CAST IRON IMPELLER

# Threaded Case (NPT)

B2ZQLS-18

#### **Mechanical Seal Construction**



Item		
No.	Part Description	Part Number
1	Case, Volute	L01026
2	Impeller	L07260
14	Sleeve, Shaft	M10726
40	Slinger, Water	S03893
71	Bracket	H05262
73	Gasket	S05126
89	Seal, Mechanical Shaft	\$32013
119	O-Ring	M10728
800A	Capscrew, Hex 3/8-16x7/8" (8 Req.)	S26825
800B	Capscrew, Hex 5/16-24x1-1/2"(4 Req.)	S23562
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715



SectionACPage110.1DateJanuary 1, 2004Supersedes 2/1/96

#### CAST IRON IMPELLER

#### **B2-1/2TQMS-14**

#### Threaded Case (NPT)

#### **Mechanical Seal Construction**

. \_ \_ \_

TABLE I					
B/M No.	нр	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
B71685	14	Robin	H05167	Electric	H05248
			73		

Item		
No.	Part Description	Part Number
1	Case, Volute	L01023
2	Impeller	L07628
14	Sleeve, Shaft	M10731
40	Slinger, Water	S03893
71	Bracket	L01600
73	Gasket	S04757
89	Seal, Mechanical Shaft	S32014
119	O-Ring	M10728
800	Capscrew, Hex 1/2-13x1" (4 Req.)	S26826
801	Stud, 1/2-13x1-1/2" (4 Req.)	S23043
802	Nut, Hex 1/2-13 (4 Req.)	S23107
810	Plug, Pipe 1/4 NPT (5 Req.)	S23715



SectionACPage130.1DateJanuary 1, 2004Supersedes 2/1/96

#### **CAST IRON IMPELLER**

#### **Threaded Case (NPT)**

#### B3TQMS-14

# **Mechanical Seal Construction**

		TA	BLE I		
B/M No.	нр	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
 B71123	14	Robin	H05167	Electric	H05248
	2				

Item		
No.	Part Description	Part Number
1	Case, Volute	L01104
2	Impeller	M10451
14	Sleeve, Shaft	M10731
40	Slinger, Water	S03893
71	Bracket	L01600
73	Gasket	S04757
89	Seal, Mechanical Shaft	S32014
119	O-Ring	M10728
800	Capscrew, Hex 3/8-16x1" (4 Req.)	S26826
801	Stud, 1/2-13x1-1/2" (4 Req.)	S24043
802	Nut, Hex 1/2-13 (4 Req.)	S23107
810	Plug, Pipe 1/4 NPT (5 Req.)	\$23715



SectionACPage140.1DateJanuary 1, 2004Supersedes 2/1/96

#### CAST IRON IMPELLER

#### Threaded Case (NPT)

#### B3TQMS-18

#### **Mechanical Seal Construction**

	TABLE I					
	B/M No.	нр	Engine Manufacter	Engine Part No.	Engine Starter	Base Part No.
71	B71149	18	B & S Vanguard	H05159	Electric	H05248
				73	1	

Item No.	Part Description	Part Number
	*	
1	Case, Volute	L01104
2	Impeller	M10450
14	Sleeve, Shaft	M10731
40	Slinger, Water	S03893
71	Bracket	L01600
73	Gasket	S04757
89	Seal, Mechanical Shaft	\$32014
119	O-Ring	M10728
800	Capscrew, Hex 3/8-16x1" (4 Req.)	S26826
801	Stud, 1/2-13x1-1/2" (4 Req.)	S24043
802	Nut, Hex 1/2-13 (4 Req.)	S23107
810	Plug, Pipe 1/4 NPT (5 Req.)	\$23715



Section	AC/SP				
Page	10.1				
Date	January 1, 2004				
Supersedes 4/1/96					

350-3

#### ALUMINUM IMPELLER

#### Threaded Case (NPT)

806

Seal, Capscrew (4 Req.)

#### **Mechanical Seal Construction**

			TABLE I				
	227		B/M N	lo. HP	Engine Manufacter	Engine Part No.	Mounting Type & Part No.
			B7190	)1 3	Robin	H05348	Roll Cage – H05445
	802A 804C	806 800C 826 807	5	802B	824. 804B 804A 800D	73A 73	800A
No.	Part Description	Part Number	835	5 (0/~			/
1 2	Case, Volute Impeller Diffuser	H05335 H05349 H05352					
5				- 11 -			
71					2		
	Bracket	H05351			2		
73A	Bracket Gasket, 1" (2 Req.)	H05351 M10580			SOOR	P10	
73A 73B	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2"	H05351 M10580 M10621			800B	810	
73A 73B 73C	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2"	H05351 M10580 M10621 M10583			800B	810	
71 73A 73B 73C 89 119	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft	H05351 M10580 M10621 M10583 S20791			800B	810	
73A 73B 73C 89 119	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2"	H05351 M10580 M10621 M10583			800B	810	
73A 73B 73C 89 119 227	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft O-Ring	H05351 M10580 M10621 M10583 S20791 M10584			800B	810	
3A           3B           3C           89           19           227           00A           00B	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft O-Ring Handle Capscrew, Hex 3/8-16x3-1/2" (2 Req.) Capscrew, Hex 3/8-16x2" (4 Req.)	H05351 M10580 M10621 M10583 S20791 M10584 L07629 M10981 S24901	Item				
<ul> <li>73A</li> <li>73B</li> <li>73C</li> <li>89</li> <li>119</li> <li>227</li> <li>00A</li> <li>00B</li> </ul>	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft O-Ring Handle Capscrew, Hex 3/8-16x3-1/2" (2 Req.)	H05351 M10580 M10621 M10583 S20791 M10584 L07629 M10981 S24901 M10587	Item No.	- <u>_</u>	800B Part Descrip		Part Number
<ul> <li>'3A</li> <li>'3B</li> <li>'3C</li> <li>89</li> <li>19</li> <li>227</li> <li>00A</li> <li>00B</li> <li>00C</li> </ul>	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft O-Ring Handle Capscrew, Hex 3/8-16x3-1/2" (2 Req.) Capscrew, Hex 3/8-16x2" (4 Req.)	H05351 M10580 M10621 M10583 S20791 M10584 L07629 M10981 S24901	No.	Washer, V	Part Descrip		Part Number M10612
<ul> <li>73A</li> <li>73B</li> <li>73C</li> <li>89</li> <li>119</li> <li>227</li> <li>00A</li> <li>00B</li> <li>00C</li> <li>00D</li> </ul>	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft O-Ring Handle Capscrew, Hex 3/8-16x3-1/2" (2 Req.) Capscrew, Hex 3/8-16x2" (4 Req.) Capscrew, Hex 5/16-24x2" (4 Req.)	H05351 M10580 M10621 M10583 S20791 M10584 L07629 M10981 S24901 M10587	<b>No.</b> 807	Washer, V Plug, Dra	Part Descrip Wearing		
'3A       '3B       '3C       89       119       227       00A       00B       00C       00D       02A       02B	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft O-Ring Handle Capscrew, Hex 3/8-16x3-1/2" (2 Req.) Capscrew, Hex 3/8-16x2" (4 Req.) Capscrew, Hex 5/16-24x2" (4 Req.) Capscrew, Hex 1/4-20x1/2" Nut, Hex 3/8-16 (8 Req.) Nut, Hex 1/4-20	H05351 M10580 M10621 M10583 S20791 M10584 L07629 M10981 S24901 M10587 S23508 S26456 S26452	No.           807           810		<b>Part Descrip</b> Wearing in		M10612
3A 3B 3C 89 19 227 00A 00B 00C 00D 02A 02B 04A	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft O-Ring Handle Capscrew, Hex 3/8-16x3-1/2" (2 Req.) Capscrew, Hex 3/8-16x2" (4 Req.) Capscrew, Hex 5/16-24x2" (4 Req.) Capscrew, Hex 1/4-20x1/2" Nut, Hex 3/8-16 (8 Req.) Nut, Hex 1/4-20 Washer, Clack 1-1/4"	H05351 M10580 M10621 M10583 S20791 M10584 L07629 M10981 S24901 M10587 S23508 S26456 S26452 M10585	No.           807           810           824A           824B	Plug, Dra Cap, 1" ( Cap, 1-1/	<b>Part Descrip</b> Wearing iin 2 Req.)		M10612 U178-920P
3A 3B 3C 89 19 227 00A 00B 00C 00D 02A 02B 04A 04B	Bracket           Gasket, 1" (2 Req.)           Gasket, 1-1/2"           Gasket, 2"           Seal, Mechanical Shaft           O-Ring           Handle           Capscrew, Hex 3/8-16x3-1/2" (2 Req.)           Capscrew, Hex 3/8-16x2" (4 Req.)           Capscrew, Hex 5/16-24x2" (4 Req.)           Capscrew, Hex 1/4-20x1/2"           Nut, Hex 3/8-16 (8 Req.)           Nut, Hex 1/4-20           Washer, Clack 1-1/4"           Washer, Clack 2-5/16"	H05351 M10580 M10621 M10583 S20791 M10584 L07629 M10981 S24901 M10587 S23508 S26456 S26456 S26452 M10585 M10586	No.           807           810           824A           824B           824C	Plug, Dra Cap, 1" ( Cap, 1-1/ Cap, 2"	Part Descrip Wearing iin 2 Req.) 2"	tion	M10612 U178-920P M10579
73A 73B 73C 89 119 227 00A 00B	Bracket Gasket, 1" (2 Req.) Gasket, 1-1/2" Gasket, 2" Seal, Mechanical Shaft O-Ring Handle Capscrew, Hex 3/8-16x3-1/2" (2 Req.) Capscrew, Hex 3/8-16x2" (4 Req.) Capscrew, Hex 5/16-24x2" (4 Req.) Capscrew, Hex 1/4-20x1/2" Nut, Hex 3/8-16 (8 Req.) Nut, Hex 1/4-20 Washer, Clack 1-1/4"	H05351 M10580 M10621 M10583 S20791 M10584 L07629 M10981 S24901 M10587 S23508 S26456 S26452 M10585	No.           807           810           824A           824B           824C           826	Plug, Dra Cap, 1" ( Cap, 1-1/ Cap, 2"	Part Descrip Wearing iin 2 Req.) 2" , Impeller, Flo	tion	M10612 U178-920P M10579 M10620

M10582

NOTE: Refer to Supplement B for roll cage configuration and mounting hardware.

Clack, Rubber

835

L07630



Section	AC/SP				
Page	20.1				
Date	January 1, 2004				
Supersedes 4/1/96					

#### Aluminum Impeller

#### Threaded Case (NPT)

806

Seal, Capscrew (4 Req.)

# 350-4.5

**Mechanical Seal Construction** 

			TABLE I					
	_227		B/M	No.	HP	Engine Manufacter	Engine Part No.	Mounting Type & Part No.
			B71	901	4.5	Robin	M11741	Roll Cage – H05445
	802A 804C 804C 804C 804C 804C 804C 804C 804C	119 806 9 826 807		802		824 804B 804A 800D		800A
Item					7/			
No.	Part Description	Part Number	8	335				/
1	Case, Volute	H05335						
2	Impeller	H05349						
5	Diffuser	H05352						
71	Bracket	H05351					X ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
73A	Gasket, 1" (2 Req.)	M10580					16	
73B 73C	Gasket, 1-1/2" Gasket, 2"	M10621				800B	810	
73C 89	Seal, Mechanical Shaft	M10583 S20791						
119	O-Ring	M10584						
227	Handle	L07629						
800A	Capscrew, Hex 3/8-16x3-1/2" (2 Req.)	M10981						
800A	Capscrew, Hex 3/8-10x3-172 (2 Keq.) Capscrew, Hex 3/8-16x2" (4 Req.)	S24901	Item					
800C	Capscrew, Hex 5/16-24x2" (4 Req.)	M10587	No.			Part Descrip	otion	Part Number
800D	Capscrew, Hex 1/4-20x1/2"	S23508	807	Wash	her V	Wearing		M10612
802A	Nut, Hex 3/8-16 (8 Req.)	S26456	810	Plug				U178-920P
802B	Nut, Hex 1/4-20	\$26452	824A			2 Req.)		M10579
804A	Washer, Clack 1-1/4"	M10585	824B	Cap,				M10620
804B	Washer, Clack 2-5/16"	M10586	824C	Cap,				M10581
804C	Washer, Flat 3/8" (8 Req.)	\$27123	826			, Impeller, Flo	ating	M10611
200		M10592	025	Cl	1 5	,	8	107(20

835

Clack, Rubber

M10582

NOTE: Refer to Supplement B for roll cage configuration and mounting hardware.

L07630



Section	AC/SP			
Page	30.1			
Date	January 1, 2004			
Supersedes 4/1/96				

550-6

#### ALUMINUM IMPELLER

#### Threaded Case (NPT)

#### **Mechanical Seal Construction**

			TABLE I					
					Engine	Engine	Mounting Type &	
	227		B/M No.	HP	Manufacter	Part No.	Part No.	
			B71904	6	Robin	H05330	Roll Cage – H05445	
	802A 804C 804C 804C 2256 0196 2	119 806 800C 807 807	5		82 804B 804A 0 8001	4A 73A 0	800A	
Item			/		/ /			
No.	Part Description	Part Number	835	$\langle \rangle$				
1	Case, Volute	H05335					/	
2	Impeller	H05350		< l				
5	Diffuser	H05352		1				
71	Bracket	H05351				OK 🔊 🖓	)	
73A	Gasket, 1" (2 Req.)	M10580						
73B 73C	Gasket, 1-1/2"	M10621			800B	810		
73C 89	Gasket, 2" Saal Machanical Shaft	M10583						
	Seal, Mechanical Shaft	S20791						
119 227	O-Ring Handla	M10584						
	Handle	L07629						
800A 800B	Capscrew, Hex 3/8-16x3-1/2" (2 Req.) Capscrew, Hex 3/8-16x2" (4 Req.)	M10981 S24901	Item					
800B		M10587	No.		Part Descrip	tion	Part Number	
800C		S23508					M10612	
800D 802A	Nut, Hex 3/8-16 (8 Req.)	<u>S25508</u> S26456		asher, ug, Dra	Wearing			
802A 802B	Nut, Hex 3/8-10 (8 Keq.) Nut, Hex 1/4-20	S26456 S26452					U178-920P M10579	
802B 804A	Nut, Hex 1/4-20 Washer, Clack 1-1/4"	M10585	824A Ca 824B Ca	ap, 17 ( ap, 1-1	2 Req.)		M10579 M10620	
804A 804B	Washer, Clack 1-1/4 Washer, Clack 2-5/16"	M10586		$\frac{1}{1}$ ap, 1-1.	2		M10620	
804B 804C								
	Washer Flat 3/8" (8 Reg.)	\$27123	926 NL	almina	Impollor Ela	oting	M10611	
8040	Washer, Flat 3/8" (8 Req.) Seal, Capscrew (4 Req.)	S27123 M10582		eckring ack, R	, Impeller, Flo	ating	M10611 L07630	



Section AC/SP Page 60.1 Date January 1, 2004 Supersedes 4/1/96

#### **CAST IRON IMPELLER**

#### **Threaded Case (NPT)**

**B2XOKLS-4** 

#### **Mechanical Seal Construction**

				TA	BLE I	
		B/M	No. HI	Engine Manufacter	Engine Part No.	Mounting Type & Part No.
		B719	<b>007</b> 4.5	i Robin	M11741	Roll Cage – H05445
	8101 89 67 67 73	B 2234 0196		002B		5 804B 800B 9 800B
Part Description	Part Number		81	DA		a
Case, Volute	H02434					
Impeller	S14677					
Cover, Suction	M05420					800 4
Sleeve, Shaft	S14689					800A
Slinger, Water	S11144					
Seal, Oil	S13862					
Shim (.015 Thick) (As Required)	S05067					
Bracket	M05434					
Gasket, Case	S04728					
Seal, Mechanical Shaft	S05646					1
Handle	M06914	Item				
Capscrew, Hex 5/16-18x7/8" (6 Req.)	\$26783	No.		Part Descrip	otion	Part Number
Capscrew, Hex 1/4-20x3/8"	\$23117	804A	Weight,	Clack		S14673
$C_{\rm eff} = 5/16(24\pi^2/4)^2 (4 \text{ D}_{\rm eff})$	602169	004D	TTT 1	Club		014676

800B	Capscrew, Hex 1/4-20x3/8"	\$23117	804A	Weight
800C	Capscrew, Hex 5/16-24x3/4" (4 Req.)	S23168	804B	Washer
801	Stud, 3/8-16x1-1/4" (4 Req.)	S23994	810A	Plug, P
802A	Nut, Hex 3/8-16 (4 Req.)	S23103	810B	Plug, P
802B	Nut, Hex 1/4-20	S23100	835	Clack,

S14673 it, Clack er, Clack S14676 Pipe 1/4" NPT S14692 Pipe 1" NPT S23693 M05424 Rubber

• Not illustrated.

Item No. 1

2

9

14

40

51

67 71

73

89

•227

800A

800B

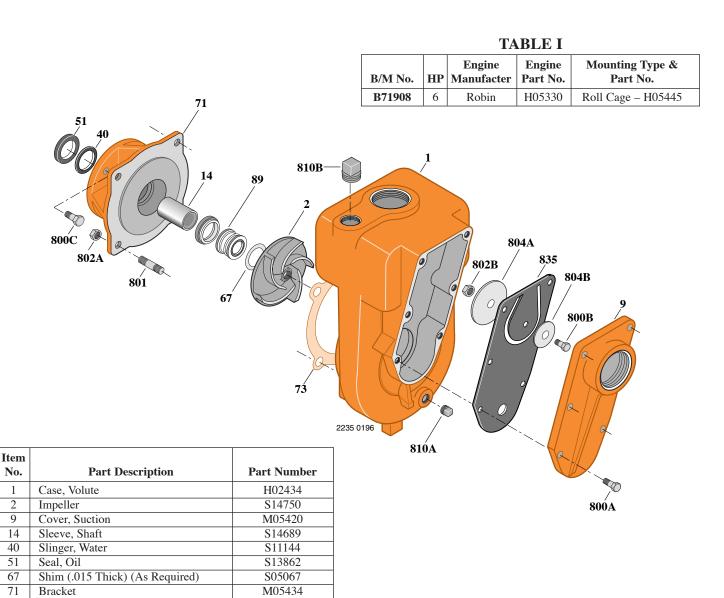


Section AC/SP Page 70.1 January 1, 2004 Date Supersedes 4/1/96

#### **CAST IRON IMPELLER**

#### **Threaded Case (NPT)**

#### **B2XOKHS-6 Mechanical Seal Construction**



Nut, Hex 1/4-20	S23100	835	Clack, Ru
Nut, Hex 3/8-16 (4 Req.)	S23103	810B	Plug, Pip
Stud, 3/8-16x1-1/4" (4 Req.)	S23994	810A	Plug, Pip
Capscrew, Hex 5/16-24x3/4" (4 Req.)	S23168	804B	Washer, C
Capscrew, Hex 1/4-20x3/8"	S23117	804A	Weight, C

S04728

S05646

M06914

S26783

Item No.	Part Description	Part Number
804A	Weight, Clack	S14673
804B	Washer, Clack	S14676
810A	Plug, Pipe 1/4" NPT	S14692
810B	Plug, Pipe 1" NPT	S23693
835	Clack, Rubber	M05424

• Not illustrated.

802B Nut, Hex 1/4

73

89

•227

800A

800B 800C

801

802A

Gasket, Case

Handle

Seal, Mechanical Shaft

Capscrew, Hex 5/16-18x7/8" (6 Req.)



SectionAC/SPPage100.1DateJanuary 1, 2004Supersedes 4/1/96

#### **CAST IRON IMPELLER**

#### **B3TQKLS-9**

#### Threaded Case (NPT)

#### **Mechanical Seal Construction**

				TA	BLE I	
			B/M No.	EngineHPManufacter	Engine Part No.	Mounting Type & Part No.
			B72139	9 Robin	M12230	Base – M12393
802A	40 801B 802B 2250 0196 801A	4			1 804A 802B	835 804B 9 800B 9
		73		810A		
Item No.	Part Description	73 Part Number				
	Part Description Case, Volute	Part Number H03741				
<b>No.</b> 1 2	Case, Volute Impeller	Part Number H03741 M10732				
<b>No.</b> 1 2 9	Case, Volute Impeller Cover, Suction	Part Number H03741 M10732 L05748				800A
No. 1 2 9 14	Case, Volute Impeller Cover, Suction Sleeve, Shaft	Part Number H03741 M10732 L05748 M10731				e e e e e e e e e e e e e e e e e e e
No.           1           2           9           14           40	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water	Part Number           H03741           M10732           L05748           M10731           S03893			- a	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
No.           1           2           9           14           40           67	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required)	Part Number           H03741           M10732           L05748           M10731           S03893           S15335			- a	e e e e e e e e e e e e e e e e e e e
No.           1           2           9           14           40           67           71	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600				800A
No.           1           2           9           14           40           67           71           73	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick)	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600           S04757				BOOA
No.           1           2           9           14           40           67           71           73	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick)	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600           S04757           S15049				BOOA
No.           1           2           9           14           40           67           71           73           73           89	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014	Item			BOOA
No.           1           2           9           14           40           67           71           73           89           119	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728	Item	810A	otion	
No.           1           2           9           14           40           67           71           73           89           119           800A	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.)	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828	No.	810A Part Descrip	ption	Part Number
No.           1           2           9           14           40           67           71           73           89           119           800A           800B	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4"	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828           S26824	<b>No.</b> 804A We	810A Bart Descrip	otion	Part Number \$15325
No.           1           2           9           14           40           67           71           73           89           119           800A           800B           801A	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4" Stud, 1/2-13x1-1/2" (4 Req.)	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828           S26824           S24043	No.           804A         We           804B         Wa	Part Descrip	otion	Part Number           \$15325           \$14843
No.           1           2           9           14           40           67           71           73           89           119           800A           800B	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4"	Part Number           H03741           M10732           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828           S26824	No.           804A         We           804B         Wa           810A         Plu	810A Bart Descrip	ption	Part Number \$15325



Section AC/SP Page 110.1 Date January 1, 2004 Supersedes 4/1/96

#### **CAST IRON IMPELLER**

#### **B3TOKLS-1**

#### Threaded Case (NPT)

#### **Mechanical Seal Construction**

				TA	BLE I	
				Engine	Engine	Mounting Type &
			B/M No		Part No.	Part No.
			B72602	11 Robin	H05504	Base – H05766
84 @ 802A	01B 802B 802B 802B 802B	.4 89 67 73			1 802C	A 835 804B 9 800B 9 800B
Item				810A		
No.	Part Description	Part Number				
1	Case, Volute	H03741				a.
2	Impeller	M10835				
9	Cover, Suction	L05748				
14	Cover, Suction Sleeve, Shaft	L05748 M10731				800A
14 40	Cover, Suction Sleeve, Shaft Slinger, Water	L05748 M10731 S03893				800A
14 40 67	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required)	L05748 M10731 S03893 S15335				800A
14 40 67 71	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket	L05748 M10731 S03893 S15335 L01600				800A
14 40 67 71 73	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick)	L05748 M10731 S03893 S15335 L01600 S04757				800A
14 40 67 71 73 73	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick)	L05748 M10731 S03893 S15335 L01600 S04757 S15049				800A
14 40 67 71 73 73 89	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft	L05748 M10731 S03893 S15335 L01600 S04757 S15049 S32014				800A
14 40 67 71 73 73 89 119	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring	L05748 M10731 S03893 S15335 L01600 S04757 S15049 S32014 M10728	Item			
14 40 67 71 73 73 89	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft	L05748 M10731 S03893 S15335 L01600 S04757 S15049 S32014	Item No.	Part Descrip	tion	800A Part Number
14 40 67 71 73 73 89 119 800A 800B 801A	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.)	L05748 M10731 S03893 S15335 L01600 S04757 S15049 S32014 M10728 S26828 S26828 S26824 S24043	<b>No.</b> 804A W	Part Descrip /eight, Clack	tion	
14 40 67 71 73 89 119 800A 800B 801A 801B	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4" Stud, 1/2-13x1-1/2" (4 Req.) Stud, 7/16-14x2" (4 Req.)	L05748 M10731 S03893 S15335 L01600 S04757 S15049 S32014 M10728 S26828 S26828 S26824 S24043 S24004	<b>No.</b> 804A W 804B W	/eight, Clack /asher, Clack	tion	Part Number           \$15325           \$14843
14 40 67 71 73 73 89 119 800A 800B 801A 801B 802A	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4" Stud, 1/2-13x1-1/2" (4 Req.) Stud, 7/16-14x2" (4 Req.) Nut, Hex 1/2-13 (4 Req.)	L05748 M10731 S03893 S15335 L01600 S04757 S15049 S32014 M10728 S26828 S26828 S26824 S26824 S24043 S24004 S23107	No.           804A         W           804B         W           810A         P	/eight, Clack /asher, Clack lug, Pipe 1/4" NPT	tion	Part Number           \$15325           \$14843           \$23715
14 40 67 71 73 89 119 800A 800B 801A 801B	Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4" Stud, 1/2-13x1-1/2" (4 Req.) Stud, 7/16-14x2" (4 Req.)	L05748 M10731 S03893 S15335 L01600 S04757 S15049 S32014 M10728 S26828 S26828 S26824 S24043 S24004	No.           804A         W           804B         W           810A         P           810B         P	/eight, Clack /asher, Clack	tion	Part Number           \$15325           \$14843



SectionAC/SPPage110.3DateJanuary 1, 2004Supersedes 9/1/97

# SILICON BRONZE IMPELLER

#### B3TQKLS-10

#### **Threaded Case (NPT)**

#### **Mechanical Seal Construction**

					TA	BLE I	
			B/M	No. H	Engine P Manufacter	Engine Part No.	Mounting Type & Part No.
			B720		Briggs &	H05503	Base
	40		B726	502 <sup>1</sup>	Stratton I/C	H05504	H05766
80 802A	01B 802B 022510196	4			-810B	1 804 802C	A 835 804B 9 800B 9 800B 9 9 800B
No.	Part Description	Part Number					
1	Case, Volute	H03741					a.
2	Impeller	M10835					
9	Cover, Suction	L05748					
14	Sleeve, Shaft	M10731					80ÓA
40 67	Slinger, Water Shim (.015 Thick) (As Required)	\$03893 \$15335					
71	Bracket	L01600					
73	Gasket, Case (.031 Thick)	S04757					
73	Gasket, Case (.051 Thick) Gasket, Case (.051 Thick)	S15049					
89	Seal, Mechanical Shaft	\$32014					
119	O-Ring	M10728					
800A	Capscrew, Hex 3/8-16x1-1/4" (7 Req.)	S26828	Item		D ( D )		
800B	Capscrew, Hex 3/8-16x3/4"	S26824	No.		Part Descrip	otion	Part Number
801A	Stud, 1/2-13x1-1/2" (4 Req.)	S24043	804A	Weight			S15325
801B	Stud, 7/16-14x2" (4 Req.)	S24004	804B	Washer			S14843
802A	Nut, Hex 1/2-13 (4 Req.)	S23107	810A		ipe 1/4" NPT		\$23715 \$22604
802B	Nut, Hex 7/16-14 (4 Req.)	S23105	810B	Clack,	ipe 1-1/4" NPT		S23694 L05749
802C	Nut, Hex 3/8-16	S23103	835	Clack,	KUDDer		L03/49



SectionAC/SPPage110.4DateJanuary 1, 2004Supersedes 9/1/97

#### SILICON BRONZE IMPELLER

#### B3TQKLS-10

#### **Threaded Case (NPT)**

#### **Mechanical Seal Construction**

					TA	BLE I	
			B/M	No. H	Engine IP Manufacter	Engine Part No.	Mounting Type & Part No.
	40		B73 B73		10 Briggs & Stratton I/C	H05503 S30771	Unmounted
80 802A	71	89 67	2		-810B	1 804 802C	A 835 804B 9 800B 9
		73		X	0		
Item No.	Part Description	73 Part Number		K	2 2 810A		
	Part Description Case, Volute				0.	Ĵ	
<b>No.</b> 1 2	Case, Volute Impeller	Part Number           H03741           M10835			0.		
<b>No.</b> 1 2 9	Case, Volute Impeller Cover, Suction	Part Number           H03741           M10835           L05748		X	0.		
No. 1 2 9 14	Case, Volute Impeller Cover, Suction Sleeve, Shaft	Part Number           H03741           M10835           L05748           M10731		K	0.		600A
No.           1           2           9           14           40	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water	Part Number           H03741           M10835           L05748           M10731           S03893		K	0.		
No.           1           2           9           14           40           67	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required)	Part Number           H03741           M10835           L05748           M10731           S03893           S15335		K	0.		
No.           1           2           9           14           40           67           71	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600		K	0.		
No.           1           2           9           14           40           67           71           73	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick)	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757		K	0.		
No.           1           2           9           14           40           67           71           73	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick)	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757           S15049		K	0.		
No.           1           2           9           14           40           67           71           73           73           89	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014		X	0.		
No.           1           2           9           14           40           67           71           73           89           119	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728	Item		0.		
No.           1           2           9           14           40           67           71           73           89           119           800A	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.)	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828			0.	otion	
No.           1           2           9           14           40           67           71           73           73           89           119           800A	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4"	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828           S26824	Item No.	Weigh	810A Part Descrip	otion	Part Number
No.           1           2           9           14           40           67           71           73           73           89           119           800A           800B           801A	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4" Stud, 1/2-13x1-1/2" (4 Req.)	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828	Item No. 804A		Bart Descrip t, Clack	otion	Part Number S15325
No.           1           2           9           14           40           67           71           73           73           89           119           800A	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4"	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828           S26824           S24043	Item No.	Washe	810A Part Descrip	otion	Part Number
No.           1           2           9           14           40           67           71           73           73           89           119           800A           801A           801B	Case, Volute Impeller Cover, Suction Sleeve, Shaft Slinger, Water Shim (.015 Thick) (As Required) Bracket Gasket, Case (.031 Thick) Gasket, Case (.031 Thick) Gasket, Case (.051 Thick) Seal, Mechanical Shaft O-Ring Capscrew, Hex 3/8-16x1-1/4" (7 Req.) Capscrew, Hex 3/8-16x3/4" Stud, 1/2-13x1-1/2" (4 Req.) Stud, 7/16-14x2" (4 Req.)	Part Number           H03741           M10835           L05748           M10731           S03893           S15335           L01600           S04757           S15049           S32014           M10728           S26828           S26824           S24043           S24004	Item No. 804A 804B	Washe Plug, I Plug, I	Part Descrip t, Clack	otion	Part Number           \$15325           \$14843



SectionAC/SPPage120.1DateJanuary 1, 2004Supersedes 4/1/96

#### **CAST IRON IMPELLER**

#### **B3TQKHS-14**

#### Threaded Case (NPT)

802A

Nut, Hex 1/2-13 (4 Req.)

802B Nut, Hex 3/8-16 (5 Req.)

#### **Mechanical Seal Construction**

						TA	BLE I	
			B/M	No.	HP	Engine Manufacter	Engine Part No.	Mounting Type & Part No.
			B71	543	14	Robin	H05167	Base – H05248
802A	40 71 10 802B 2252 0196 801A	4				-810B	1 802B	A 835 804B 9 800B 9 0 800B 9
Item No.	Part Description	Part Number						
1	Case, Volute	H03741						J.
2	Impeller	M10497						
9	Cover, Suction	L05748						800A
14	Sleeve, Shaft	M10731						00011
40	Slinger, Water	S03893						
67	Shim (.015 Thick) (As Required)	\$15335						
71	Bracket	H05263						
73	Gasket, Case (.031 Thick)	S04757						
73	Gasket, Case (.051 Thick)	S15049						
89	Seal, Mechanical Shaft	S32014	[ <b></b> ]					
119	O-Ring	M10728	Item					
800A	Capscrew, Hex 3/8-16x1-1/4" (7 Req.)	S26828	No.			Part Descrip	otion	Part Number
800B	Capscrew, Hex 3/8-16x3/4"	S26824	804A	Weig	ht, C	Clack		S15325
801A	Stud, 1/2-13x1-1/2" (4 Req.)	S24043	804B	Wash	er, (	Clack		S14843
801B	Stud, 3/8-16x1-1/2" (4 Req.)	S23995	810A	Plug,	Pip	e 1/4" NPT		S23715
0004	^	000107	0100	0				

S23107

S23103

**NOTE:** Refer to *Supplement A* for base configuration and mounting hardware.

Plug, Pipe 1-1/4" NPT

Clack, Rubber

810B

835

S23694

L05749



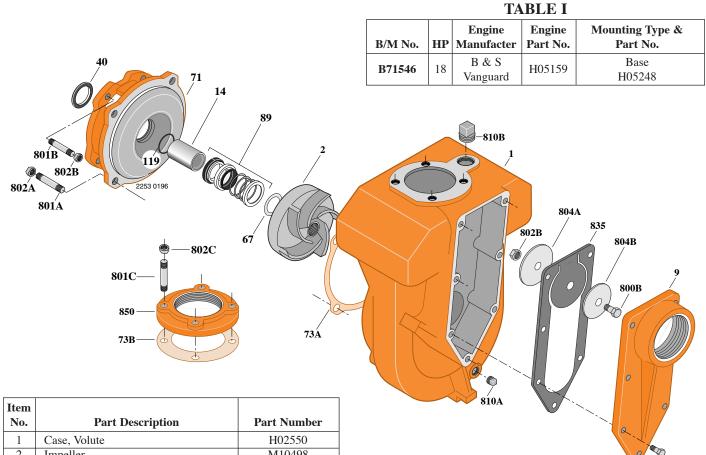
SectionAC/SPPage130.1DateJanuary 1, 2004Supersedes 4/1/96

CAST IRON IMPELLER

#### Threaded Case (NPT)

B4TQKLS-18

# **Mechanical Seal Construction**



No.	Part Description	Part Number
1	Case, Volute	H02550
2	Impeller	M10498
9	Cover, Suction	L04108
14	Sleeve, Shaft	M10731
40	Slinger, Water	S03893
67	Shim (.015 Thick) (As Required)	S15335
71	Bracket	H05263
73A	Gasket, Case (.031 Thick)	S04757
73A	Gasket, Case (.051 Thick)	S15049
73B	Gasket, Companion Flange	S10364
89	Seal, Mechanical Shaft	S32014
119	O-Ring	M10728
800A	Capscrew, Hex 3/8-16x1-1/4" (7 Req.)	S26828
800B	Capscrew, Hex 3/8-16x3/4"	S26824
801A	Stud, 1/2-13x1-1/2" (4 Req.)	S24043
801B	Stud, 3/8-16x1-1/2" (4 Req.)	S23995
801C	Stud, 5/8-11x2-1/2" (4 Req.)	S24062
802A	Nut, Hex 1/2-13 (4 Req.)	S23107

Item		
No.	Part Description	Part Number
802B	Nut, Hex 3/8-20 (5 Req.)	S23103
802C	Nut, Hex 5/8-11 (4 Req.)	S23109
804A	Weight, Clack	S14842
804B	Washer, Clack	\$15325
810A	Plug, Pipe 1/4" NPT	\$23717
810B	Plug, Pipe 1-1/4" NPT	S23694
835	Clack, Rubber	L04119
850	Flange, Companion	S15933

**NOTE:** Refer to *Supplement A* for base configuration and mounting hardware.

80ÓA