



Item No.	Name of Part	Std. Bronze Fitted	All Bronze	All Iron
1	Casing	Cast Iron	Bronze	Cast Iron
2	Impeller	Bronze	Bronze	Cast Iron
6	Motor Shaft	Steel	Steel	Steel
11	Casing Cover	Cast Iron	Bronze	Cast Iron
14	Shaft Sleeve	Bronze	Bronze	Stainless Steel
25	Casing Wear Ring	Bronze	Bronze	Steel
26	Impeller Screw	Stainless Steel	Stainless Steel	Stainless Steel
27	Casing Cover Ring	Bronze	Bronze	Steel
28	Impeller Washer	Stainless Steel	Stainless Steel	Stainless Steel
32	Impeller Key	Stainless Steel	Stainless Steel	Stainless Steel
73	Casing Gasket	Cellulose Fiber	Cellulose Fiber	Cellulose Fiber
80	Mechanical Seal	See Below	See Below	See Below
81	Plugs	Steel	Bronze	Steel
82	Hex Nut	Steel	Bronze	Steel
83	Cap Screw	Steel	Bronze	Steel

Mechanical Seal - J Crane Type 21 Mat Code XP-171				
Explanation of Material Code				
Elastic Parts	Rotating Face	Metal Parts	Stationary Seat	Spring
Viton	Carbon	Stainless Steel	Ni-Resist	Stainless Steel

Maximum Working Pressure 125 PSI

Maximum Temperature 250°F

**Repair Parts**

320 Series 125# Flange		1507CV In-Line				Quantity
		56J	Motor Frame Size			
		143JM - 184JM	213JM - 215JM			
1	Casing	D9011-A2	D9011-A2	D9011-A2	1	
2	Impeller	B5833-4-B12	B5833-5-B12	B5833-5-B12	1	
6	Motor Shaft	B8483	B8484	B8500	1	
11	Casing Cover	C5826-2-A2	C8486-A2	C8486-10-A2	1	
14	Shaft Sleeve	-	A5782-C9	A5782-C9	1	
25	Casing Wear Ring	A5453-C9	A5453-C9	A5453-C9	1	
26	Impeller Screw	Q16-44-J8	Q60-2-J3	Q60-2-J3	1	
28	Impeller Washer	-	A5090-J3	A5090-J3	1	
32	Impeller Key	-	Q21-17-J8	Q21-17-J8	1	
73	Case Gasket	A6345-L13	A6345-L13	A6345-L13	1	
80	Mechanical Seal	Q26-77-Y6	Q26-395-Y6	Q26-395-Y6	1	
81	Plugs	04236	04236	04236	3	
82	Cap Screw	Q15-5-E26	Q15-5-E26	Q15-5-E26	6	
83	Cap Screw	-	Q15-2-E26	Q15-19-E26	4	
83	Stud	Q17-4-E26	-	-	4	
83	Hex Nut	Q18-19-E4	-	-	4	
N.S.	Pipe Coupling	Q29-68-E4	-	-	1	
N.S.	Nipple	Q29-103-E4	-	-	1	
N.S.	Deflector	-	H1936-2-K2	H1936-2-K2	1	
N.S.	Air Vent Valve	-	Q24-3-C2	Q24-3-C2	1	

320 Series 125# Flange		2007CV In-Line				Quantity
		56J	Motor Frame Size			
			143JM - 184JM	213JM - 215JM		
1	Casing	D9000-A2	D9000-A2	D9000-A2	1	
2	Impeller	B5839-6-B12	B5839-5-B12	B5839-5-B12	1	
6	Motor Shaft	B8483	B8484	B8500	1	
11	Casing Cover	C5826-2-A2	C8486-A2	C8486-10-A2	1	
14	Shaft Sleeve	-	A5782-C9	A5782-C9	1	
25	Casing Wear Ring	A5226-C9	A5226-C9	A5226-C9	1	
26	Impeller Screw	Q16-44-J8	Q60-2-J3	Q60-2-J3	1	
28	Impeller Washer	-	A5090-J3	A5090-J3	1	
32	Impeller Key	-	Q21-17-J8	Q21-17-J8	1	
73	Case Gasket	A6345-L13	A6345-L13	A6345-L13	1	
80	Mechanical Seal	Q26-77-Y6	Q26-395-Y6	Q26-395-Y6	1	
81	Plugs	04236	04236	04236	3	
82	Cap Screw	Q15-5-E26	Q15-5-E26	Q15-5-E26	6	
83	Cap Screw	-	Q15-2-E26	Q15-19-E26	4	
83	Stud	Q17-4-E26	-	-	4	
83	Hex Nut	Q18-41-E4	-	-	4	
N.S.	Pipe Coupling	Q29-68-E4	-	-	1	
N.S.	Nipple	Q29-103-E4	-	-	1	
N.S.	Deflector	-	H1936-2-K2	H1936-2-K2	1	
N.S.	Air Vent Valve	-	Q24-3-C2	Q24-3-C2	1	

**Repair Parts**

320 Series 125# Flange		2507CV In-Line				Quantity
		Motor Frame Size				
		143JM - 184JM	213JM - 215JM	254JM - 256JM		
1	Casing	D9021-A2	D9021-A2	D9021-A2		1
2	Impeller	C3870-11-B12	C3870-11-B12	C3870-21-B12		1
6	Motor Shaft	B8484	B8500	B8710		1
11	Casing Cover	C8486-A2	C8486-10-A2	C9016-A2		1
14	Shaft Sleeve	A5782-C9	A5782-C9	A9005-C9		1
25	Casing Wear Ring	A6409-C9	A6409-C9	A6409-C9		1
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3		1
28	Impeller Washer	A5090-J3	A5090-J3	A6680-10-J3		1
32	Impeller Key	Q21-17-J8	Q21-17-J8	Q21-15-J8		1
73	Case Gasket	A6345-L13	A6345-L13	A6345-L13		1
80	Mechanical Seal	Q26-395-Y6	Q26-395-Y6	Q26-373-Y6		1
81	Plugs	04236	04236	04236		3
82	Cap Screw	Q15-5-E26	Q15-5-E26	Q15-5-E26		6
83	Cap Screw	Q15-2-E26	Q15-19-E26	Q15-19-E26		4
N.S.	Deflector	H1936-2-K2	H1936-2-K2	-		1
N.S.	Bushing	-	-	Q29-52-E4		1
N.S.	Air Vent Valve	Q24-3-C2	Q24-3-C2	Q24-3-C2		1

3007CV In-Line							Quantity
320 Series 125# Flange	Motor Frame Size						
	143JM - 184JM	213JM - 215JM	254JM - 256JM	284JM - 326JM			
1	Casing	D9015-A2	D9015-A2	D9015-A2	D9015-A2	D9015-A2	1
2	Impeller	B3878-12-B12	B3878-12-B12	B3878-22-B12	B3878-22-B12	B3878-22-B12	1
6	Motor Shaft	B8484	B8500	B8710	B8773	B8773	1
11	Casing Cover	C8486-A2	C8486-10-A2	C9016-A2	C9017-A2	C9017-A2	1
14	Shaft Sleeve	A5782-C9	A5782-C9	A9005-C9	A9005-C9	A9005-C9	1
25	Casing Wear Ring	A6808-C9	A6808-C9	A6808-C9	A6808-C9	A6808-C9	1
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	Q60-3-J3	Q60-3-J3	1
27	Casing Cover Ring	-	-	A6809-C9	A6809-C9	A6809-C9	1
28	Impeller Washer	A5090-J3	A5090-J3	A6680-J3	A6680-J3	A6680-J3	1
32	Impeller Key	Q21-17-J8	Q21-17-J8	Q21-5-J8	Q21-5-J8	Q21-5-J8	1
73	Case Gasket	A6345-L13	A6345-L13	A6345-L13	A6345-L13	A6345-L13	1
80	Mechanical Seal	Q26-395-Y6	Q26-395-Y6	Q26-373-Y6	Q26-373-Y6	Q26-373-Y6	1
81	Plugs	04236	04236	04236	04236	04236	3
82	Cap Screw	Q15-5-E26	Q15-5-E26	Q15-5-E26	Q15-5-E26	Q15-5-E26	6
83	Cap Screw	Q15-2-E26	Q15-19-E26	Q15-19-E26	Q15-4-E26	Q15-4-E26	4
N.S.	Pipe Coupling	-	-	-	Q29-68-E4	Q29-68-E4	1
N.S.	Nipple	-	-	-	Q29-69-E4	Q29-69-E4	1
N.S.	Deflector	H1936-2-K2	H1936-2-K2	-	-	-	1
N.S.	Bushing	-	-	Q29-52-E4	-	-	1
N.S.	Air Vent Valve	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	1

**Repair Parts**

4007CV In-Line						
320 Series 125# Flange	Motor Frame Size					
	143JM - 184JM	213JM - 215JM	254JM - 256JM	284JM - 326JM	Quantity	
1 Casing	D9022-A2	D9022-A2	D9022-A2	D9022-A2	1	1
2 Impeller	B3885-13-B12	B3885-13-B12	B3885-12-B12	B3885-12-B12	1	1
6 Motor Shaft	B8484	B8500	B8710	B8773	1	1
11 Casing Cover	C8486-A2	C8486-10-A2	C9016-A2	C9017-A2	1	1
14 Shaft Sleeve	A5782-C9	A5782-C9	A9005-C9	A9005-C9	1	1
25 Casing Wear Ring	A6809-C9	A6809-C9	A6809-C9	A6809-C9	1	1
26 Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	Q60-3-J3	1	1
28 Impeller Washer	A5090-J3	A5090-J3	A6680-J3	A6680-J3	1	1
32 Impeller Key	Q21-17-J8	Q21-17-J8	Q21-5-J8	Q21-5-J8	1	1
73 Case Gasket	A6345-L13	A6345-L13	A6345-L13	A6345-L13	1	1
80 Mechanical Seal	Q26-395-Y6	Q26-395-Y6	Q26-373-Y6	Q26-373-Y6	1	1
81 Plugs	04236	04236	04236	04236	3	3
82 Cap Screw	Q15-5-E26	Q15-5-E26	Q15-5-E26	Q15-5-E26	6	6
83 Cap Screw	Q15-2-E26	Q15-19-E26	Q15-19-E26	Q15-4-E26	4	4
N.S. Pipe Coupling	-	-	Q29-68-E4	Q29-68-E4	1	1
N.S. Nipple	-	-	Q29-69-E4	Q29-69-E4	1	1
N.S. Air Vent Valve	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	1	1
N.S. Deflector	H1936-2-K2	-	-	-	1	1
N.S. Bushing	-	-	Q29-52-E4	Q29-52-E4	1	1

320 Series 125# Flange		2095CV In-Line						Quantity
		Motor Frame Size						
		143JM - 184JM	213JM - 215JM	254JM - 256JM	284JM - 326JM			
1	Casing	D9001-A2	D9001-A2	D9001-A2	D9001-A2	D9001-A2	1	
2	Impeller	C6390-B12	C6390-B12	C6390-11-B12	C6390-11-B12	C6390-11-B12	1	
6	Motor Shaft	B8484	B8500	B8710	B8773	B8773	1	
11	Casing Cover	C9002-A2	C9002-A2	C9003-A2	C9004-A2	C9004-A2	1	
14	Shaft Sleeve	A5782-C9	A5782-C9	A9005-C9	A9005-C9	A9005-C9	1	
25	Casing Wear Ring	A6409-C9	A6409-C9	A6409-C9	A6409-C9	A6409-C9	1	
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	Q60-3-J3	Q60-3-J3	1	
28	Impeller Washer	A5090-J3	A5090-J3	A6680-J3	A6680-J3	A6680-J3	1	
32	Impeller Key	Q21-17-J8	Q21-17-J8	Q21-5-J8	Q21-5-J8	Q21-5-J8	1	
73	Case Gasket	A9008-L13	A9008-L13	A9008-L13	A9008-L13	A9008-L13	1	
80	Mechanical Seal	Q26-395-Y6	Q26-395-Y6	Q26-373-Y6	Q26-373-Y6	Q26-373-Y6	1	
81	Plugs	04236	04236	04236	04236	04236	3	
82	Cap Screw	Q15-19-E26	Q15-19-E26	Q15-19-E26	Q15-19-E26	Q15-19-E26	8	
83	Cap Screw	Q15-5-E26	Q15-19-E26	Q15-19-E26	Q15-4-E26	Q15-4-E26	4	
N.S.	Pipe Coupling	-	-	-	Q29-68-E4	Q29-68-E4	1	
N.S.	Nipple	-	-	-	Q29-69-E4	Q29-69-E4	1	
N.S.	Seal Sleeve	A9010-C9	A9010-C9	A9009-C9	A9009-C9	A9009-C9	1	
N.S.	Air Vent Valve	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	1	

Repair Parts

320 Series 125# Flange		2595CV In-Line						Quantity
		Motor Frame Size						
		143JM - 184JM	213JM - 215JM	254JM - 256JM	284JM - 326JM			
1	Casing	D9012-A2	D9012-A2	D9012-12-1-A2	D9012-12-1-A2	D9012-12-1-A2	1	
2	Impeller	3734-1-B12	3734-1-B12	B9013-10-B12	B9013-10-B12	B9013-10-B12	1	
6	Motor Shaft	B8484	B8500	B8710	B8773	B8773	1	
11	Casing Cover	C9002-A2	C9002-A2	C9003-A2	C9004-A2	C9004-A2	1	
14	Shaft Sleeve	A5782-C9	A5782-C9	A9005-C9	A9005-C9	A9005-C9	1	
25	Casing Wear Ring	A6430-C9	A6430-C9	A6430-C9	A6430-C9	A6430-C9	1	
26	Impeller Screw	A60-2-J3	A60-2-J3	A60-3-J3	A60-3-J3	A60-3-J3	1	
28	Impeller Washer	A5090-J3	A5090-J3	A6680-J3	A6680-J3	A6680-J3	1	
32	Impeller Key	Q21-17-J8	Q21-17-J8	Q21-5-J8	Q21-5-J8	Q21-5-J8	1	
73	Case Gasket	A9008-L13	A9008-L13	A9008-L13	A9008-L13	A9008-L13	1	
80	Mechanical Seal	Q26-395-Y6	Q26-395-Y6	Q26-373-Y6	Q26-373-Y6	Q26-373-Y6	1	
81	Plugs	04236	04236	04236	04236	04236	3	
82	Cap Screw	Q15-19-E26	Q15-19-E26	Q15-19-E26	Q15-19-E26	Q15-19-E26	8	
83	Cap Screw	Q15-5-E26	Q15-19-E26	Q15-19-E26	Q15-4-E26	Q15-4-E26	4	
N.S.	Pipe Coupling	-	-	Q29-68-E4	Q29-68-E4	Q29-68-E4	1	
N.S.	Nipple	-	-	Q29-69-E4	Q29-69-E4	Q29-69-E4	1	
N.S.	Deflector	-	-	H1936-2-K2	-	-	-	
N.S.	Seal Sleeve	A9010-C9	A9010-C9	A9009-C9	A9009-C9	A9009-C9	1	
N.S.	Air Vent Valve	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	1	



320 Series 125# Flange		3095CV In-Line						Quantity
		Motor Frame Size						
		143JM - 184JM	213JM - 215JM	254JM - 256JM	284JM - 326JM			
1	Casing	D9014-A2	D9014-A2	D9014-A2	D9014-A2	D9014-A2	1	
2	Impeller	2946-1-B12	2946-1-B12	B3912-12-B12	B3912-12-B12	B3912-12-B12	1	
6	Motor Shaft	B8484	B8500	B8710	B8773	B8773	1	
11	Casing Cover	C9002-A2	C9002-A2	C9003-A2	C9004-A2	C9004-A2	1	
14	Shaft Sleeve	A5782-C9	A5782-C9	A9005-C9	A9005-C9	A9005-C9	1	
25	Casing Wear Ring	A9018-C9	A9018-C9	A9018-C9	A9019-C9	A9019-C9	1	
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	Q60-3-J3	Q60-3-J3	1	
27	Casing Cover Ring	-	-	-	A6953-C9	A6953-C9		
28	Impeller Washer	A5090-J3	A5090-J3	A6680-J3	A6680-J3	A6680-J3	1	
32	Impeller Key	Q21-17-J8	Q21-17-J8	Q21-5-J8	Q21-5-J8	Q21-5-J8	1	
73	Case Gasket	A9008-L13	A9008-L13	A9008-L13	A9008-L13	A9008-L13	1	
80	Mechanical Seal	Q26-395-Y6	Q26-395-Y6	Q26-373-Y6	Q26-373-Y6	Q26-373-Y6	1	
81	Plugs	04236	04236	04236	04236	04236	3	
82	Cap Screw	Q15-19-E26	Q15-19-E26	Q15-19-E26	Q15-19-E26	Q15-19-E26	8	
83	Cap Screw	Q15-5-E26	Q15-19-E26	Q15-19-E26	Q15-4-E26	Q15-4-E26	4	
N.S.	Pipe Coupling	-	-	-	Q29-68-E4	Q29-68-E4	1	
N.S.	Nipple	-	-	-	Q29-69-E4	Q29-69-E4	1	
N.S.	Deflector	-	H1936-2-K2	-	-	-		
N.S.	Seal Sleeve	A9010-C9	A9010-C9	A9009-C9	A9009-C9	A9009-C9	1	
N.S.	Bushing	-	-	Q29-52-E4	Q29-52-E4	Q29-52-E4	1	
N.S.	Air Vent Valve	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2	1	

**Repair Parts**

320 Series 125# Flange		4095CV In-Line							Quantity
		Motor Frame Size							
		143JM - 184JM	213JM - 215JM	254JM - 256JM	284JM - 326JM				
1	Casing	D9023-A2	D9023-A2	D9023-A2	D9023-A2	D9023-A2	D9023-A2	1	
2	Impeller	B3983-5-B12	B3983-5-B12	B3983-12-B12	D9024-B12			1	
6	Motor Shaft	B8484	B8500	B8710	B8773			1	
11	Casing Cover	C9002-A2	C9002-A2	C9003-A2	C9004-A2			1	
14	Shaft Sleeve	A5782-C9	A5782-C9	A9005-C9	A9005-C9			1	
25	Casing Wear Ring	A6623-C9	A6623-C9	A6623-C9	A9025-C9			1	
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	Q60-3-J3			1	
27	Casing Cover Ring	-	-	A6953-C9	A6953-C9				
28	Impeller Washer	A5090-J3	A5090-J3	A6680-J3	A6680-J3			1	
32	Impeller Key	Q21-17-J8	Q21-17-J8	Q21-5-J8	Q21-5-J8			1	
73	Case Gasket	A9008-L13	A9008-L13	A9008-L13	A9008-L13			1	
80	Mechanical Seal	Q26-395-Y6	Q26-395-Y6	Q26-373-Y6	Q26-373-Y6			1	
81	Plugs	04236	04236	04236	04236			3	
82	Cap Screw	Q15-19-E26	Q15-19-E26	Q15-19-E26	Q15-19-E26			8	
83	Cap Screw	Q15-5-E26	Q15-19-E26	Q15-19-E26	Q15-4-E26			4	
N.S.	Pipe Coupling	-	-	Q29-68-E4	Q29-68-E4			1	
N.S.	Nipple	-	-	Q29-69-E4	Q29-69-E4			1	
N.S.	Seal Sleeve	A9026-C9	A9026-C9	A9009-C9	A9009-C9			1	
N.S.	Air Vent Valve	Q24-3-C2	Q24-3-C2	Q24-3-C2	Q24-3-C2			1	

320 Series 250# Flange (Cast Iron / Ductile Iron)		1507CV In-Line			Quantity
		56J	Motor Frame Size		
			143JM - 184JM	213JM - 215JM	
1	Casing	D9011-10	D9011-10		1
2	Impeller	B5833-6-B12	D5833-9-B12		1
6	Motor Shaft	B8483	B8484	B8500	1
11	Casing Cover	C5826-4	C8486-3		1
14	Shaft Sleeve	B8820-C9	A7355-4-C9		1
25	Casing Wear Ring	A5453-C9	A5453-C9		1
26	Impeller Screw	Q16-44-J8	Q60-2-J3		1
28	Impeller Washer	-	A5090-J3		1
32	Impeller Key	-	A7356-J8		1
73	Case Gasket	A7444-L13	A7444-L13		1
80	STD. Bal. Mechanical Seal	Q26-409-Y6	Q26-415-Y47		1
81	Plugs	04236	04236		3
82	Cap Screw	Q15-5-E26	Q15-5-E26		12
83	Stud	Q17-4-E26	Q17-4-E26		4
83	Hex Nut	Q18-19-E4	Q18-19-E4		4
N.S.	Pipe Coupling	A8821-L13	-		1
N.S.	Nipple	Q29-68-E4	-		1
N.S.	Seal Sleeve	Q29-69-E4	-		1
N.S.	Air Vent Valve	-	Q41-39-K9		1

Cap Screws for Ductile Iron = Grade 8

Cap Screws for Cast Iron = Grade 5

Repair Parts

320 Series 250# Flange (Cast Iron / Ductile Iron)		2007CV In-Line			Quantity
		56J	Motor Frame Size		
		143JM - 184JM	213JM - 215JM		
1	Casing	D9000-10	D9000-10	D9000-10	1
2	Impeller	B5839-7-B12	B5839-8-B12	B5839-8-B12	1
6	Motor Shaft	B8483	B8484	B8500	1
11	Casing Cover	C5826-4	C8486-3	C8486-10-1	1
14	Shaft Sleeve	-	A7355-4-C9	A7355-4-C9	1
25	Casing Wear Ring	A5226-C9	A5226-C9	A5226-C9	1
26	Impeller Screw	Q16-44-J8	Q60-2-J3	Q60-2-J3	1
28	Impeller Washer	-	A5090-J3	A5090-J3	1
32	Impeller Key	-	A7356-J8	A7356-J8	1
73	Case Gasket	A7444-L13	A7444-L13	A7444-L13	1
80	STD. Bal. Mechanical Seal	Q26-409-Y6	Q26-415-Y47	Q26-415-Y47	1
81	Plugs	04236	04236	04236	3
82	Cap Screw	Q15-5-E26	Q15-5-E26	Q15-5-E26	12
83	Cap Screw	Q15-5-E26	Q15-2-E26	Q15-19-E26	4
N.S.	Pipe Coupling	Q29-68-E4	-	-	1
N.S.	Nipple	Q29-69-E4	-	-	1
N.S.	Shaft Sleeve O-Ring	-	Q41-39-K9	Q41-39-K9	1

Cap Screws for Ductile Iron = Grade 8  
 Cap Screws for Cast Iron = Grade 5

		2507CV In-Line			Quantity
		320 Series 250# Flange (Cast Iron / Ductile Iron)	Motor Frame Size		
		143JM - 184JM	213JM - 215JM		
1	Casing	D9021-10	D9021-10	1	
2	Impeller	C3870-13-B12	C3870-13-B12	1	
6	Motor Shaft	B8484	B8500	1	
11	Casing Cover	C8486-3	C8486-10-1	1	
14	Shaft Sleeve	A7355-4-C9	A7355-4-C9	1	
25	Casing Wear Ring	A6409-C9	A6409-C9	1	
26	Impeller Screw	Q60-2-J3	Q60-2-J3	1	
28	Impeller Washer	A5090-J3	A5090-J3	1	
32	Impeller Key	A7356-J8	A7356-J8	1	
73	Case Gasket	A7444-L13	A7444-L13	1	
80	STD. Bal. Mechanical Seal	Q26-415-Y47	Q26-415-Y47	1	
81	Plugs	04236	04236	3	
82	Cap Screw	Q15-5-E26	Q15-5-E26	12	
83	Cap Screw	Q15-2-E26	Q15-19-E26	4	
N.S.	Shaft Sleeve O-Ring	Q41-39-K9	Q41-39-K9	1	

Cap Screws for Ductile Iron = Grade 8  
 Cap Screws for Cast Iron = Grade 5

**Repair Parts**

3007CV In-Line						
	320 Series 250# Flange (Cast Iron / Ductile Iron)	Motor Frame Size			Quantity	
		143JM - 184JM	213JM - 215JM	254JM - 256JM		
1	Casing	D9015-10	D9015-10	D9015-10	1	
2	Impeller	B3878-13-B12	B3878-13-B12	B3878-23-B12	1	
6	Motor Shaft	B8484	B8500	B8710	1	
11	Casing Cover	C8486-3	C8486-10-1	C9016-1	1	
14	Shaft Sleeve	A7355-4-C9	A7355-4-C9	A9007-4-C9	1	
25	Casing Wear Ring	A6808-C9	A6808-C9	A6808-C9	1	
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	1	
27	Casing Cover Ring	-	-	A6809-C9	1	
28	Impeller Washer	A5090-J3	A5090-J3	A6680-J3	1	
32	Impeller Key	A7356-J8	A7356-J8	A7356-3-J8	1	
73	Case Gasket	A7444-L13	A7444-L13	A7444-L13	1	
80	STD. Bal. Mechanical Seal	Q26-415-Y47	Q26-415-Y47	Q26-416-Y47	1	
81	Plugs	04236	04236	04236	3	
82	Cap Screw	Q15-5-E26	Q15-5-E26	Q15-5-E26	12	
83	Cap Screw	Q15-5-E26	Q15-5-E26	Q15-19-E26	4	
N.S.	Pipe Coupling	-	-	Q29-68-E4	1	
N.S.	Nipple	-	-	Q29-69-E4	1	
N.S.	Shaft Sleeve O-Ring	Q41-39-K9	Q41-39-K9	Q41-31-K9	1	

Cap Screws for Ductile Iron = Grade 8  
 Cap Screws for Cast Iron = Grade 5

320 Series 250# Flange (Cast Iron / Ductile Iron)		4007CV In-Line				Quantity
		Motor Frame Size				
		143JM - 184JM	213JM - 215JM	254JM - 256JM		
1	Casing (-A2/-A12)	D9022-10	D9022-10	D9022-10	1	
2	Impeller	B3885-14-B12	B3885-14-B12	B3885-15-B12	1	
6	Motor Shaft	B8484	B8500	B8710	1	
11	Casing Cover (-A2/-A12)	C8486-3	C8486-10-1	C9016-1	1	
14	Shaft Sleeve	A7355-4-C9	A7355-4-C9	A9007-4-C9	1	
25	Casing Wear Ring	A6809-C9	A6809-C9	A6809-C9	1	
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	1	
28	Impeller Washer	A5090-J3	A5090-J3		1	
32	Impeller Key	A7356-J8	A7356-J8	A7356-3-J8	1	
73	Case Gasket	A7444-L13	A7444-L13	A7444-L13	1	
80	STD. Bal. Mechanical Seal	Q26-415-Y47	Q26-415-Y47	Q26-416-Y47	1	
81	Plugs	04236	04236	04236	3	
82	Cap Screw	Q15-5-E26	Q15-5-E26	Q15-5-E27	12	
83	Cap Screw	Q15-2-E26	Q15-19-E26	Q15-19-E26	4	
N.S.	Pipe Coupling	-	-	Q29-68-E4	1	
N.S.	Nipple	-	-	Q29-69-E4	1	
N.S.	Shaft Sleeve O-Ring	Q41-39-K9	Q41-39-K9	Q41-39-K9	1	

Cap Screws for Ductile Iron = Grade 8

Cap Screws for Cast Iron = Grade 5

Repair Parts

320 Series 250# Flange (Cast Iron / Ductile Iron)		2095CV In-Line				Quantity
		Motor Frame Size				
		143JM - 184JM	213JM - 215JM	254JM - 256JM		
1	Casing (-A2/-A12)	D9001-10	D9001-10	D9001-10	1	
2	Impeller	C6390-B12	C6390-B12	C6390-11-B12	1	
6	Motor Shaft	B8484	B8500	B8710	1	
11	Casing Cover (-A2/-A12)	C9002-1	C9002-1	C9003-1	1	
14	Shaft Sleeve	A7355-3-C9	A7355-3-C9		1	
25	Casing Wear Ring	A6409-C9	A6409-C9	A6409-C9	1	
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	1	
28	Impeller Washer	A5090-J3	A5090-J3		1	
32	Impeller Key	A7356-J8	A7356-J8	A7356-2-J8	1	
73	Case Gasket	A7771-1-L13	A7771-1-L13	A7771-1-L13	1	
80	STD. Bal. Mechanical Seal	Q26-415-Y47	Q26-415-Y47	Q26-415-Y47	1	
81	Plugs	04236	04236	04236	3	
82	Cap Screw	Q15-19-E26	Q15-19-E26	Q15-19-E26	16	
83	Cap Screw	Q15-5-E26	Q15-19-E26	Q15-19-E26	4	
N.S.	Pipe Coupling	-	-	Q29-68-E4	1	
N.S.	Nipple	-	-	Q29-69-E4	1	
N.S.	Shaft Sleeve O-Ring	Q41-32-K9	Q41-32-K9	Q41-31-K9	1	

Cap Screws for Ductile Iron = Grade 8  
 Cap Screws for Cast Iron = Grade 5



320 Series 250# Flange (Cast Iron / Ductile Iron)		2595CV In-Line				Quantity
		143JM - 184JM	213JM - 215JM	254JM - 256JM	Motor Frame Size	
1	Casing (-A2/-A12)	D9012-11	D9012-11	D9012-11	D9012-11	1
2	Impeller	3734-1-B12	SEE BELOW	D6390-11-B12	D6390-11-B12	1
2	Impeller 1750RPM	-	3734-1-B12	-	-	
2	Impeller 3500RPM	-	C9013-B12	-	-	
6	Motor Shaft	B8484	B8500	B8710	B8710	1
11	Casing Cover (-A2/-A12)	C9002-1	C9002-1	C9003-1	C9003-1	1
14	Shaft Sleeve	A7355-3-C9	A7355-3-C9	A9007-5-C9	A9007-5-C9	1
25	Casing Wear Ring	A6430-C9	A6430-C9	A6430-C9	A6430-C9	1
26	Impeller Screw	Q60-2-J3	Q60-2-J3	Q60-3-J3	Q60-3-J3	1
28	Impeller Washer	A5090-J3	A5090-J3			1
32	Impeller Key	A7356-J8	A7356-J8	A7356-2-J8	A7356-2-J8	1
73	Case Gasket	A7771-1-L13	A7771-1-L13	A7771-1-L13	A7771-1-L13	1
80	STD. Bal. Mechanical Seal	Q26-415-Y47	Q26-415-Y47	Q26-416-Y47	Q26-416-Y47	1
81	Plugs	04236	04236	04236	04236	3
82	Cap Screw	Q15-9-E26	Q15-19-E26	Q15-19-E27	Q15-19-E27	16
83	Cap Screw	Q15-5-E26	Q15-19-E26	Q15-19-E27	Q15-19-E27	4
N.S.	Pipe Coupling	-	-	Q29-68-E4	Q29-68-E4	1
N.S.	Nipple	-	-	Q29-69-E4	Q29-69-E4	1
N.S.	Shaft Sleeve O-Ring	Q41-32-K9	Q41-32-K9	Q41-32-K9	Q41-32-K9	1

Cap Screws for Ductile Iron = Grade 8

Cap Screws for Cast Iron = Grade 5

**Repair Parts**

3095CV In-Line				
	320 Series 250# Flange (Cast Iron / Ductile Iron)	Motor Frame Size		Quantity
		143JM - 184JM	213JM - 215JM	
1	Casing (-A2/-A12)	D9014-10	D9014-10	1
2	Impeller	2946-1-B12	2946-1-B12	1
6	Motor Shaft	B8484	B8500	1
11	Casing Cover (-A2/-A12)	C9002-1	C9002-1	1
14	Shaft Sleeve	A7355-3-C9	A7355-3-C9	1
25	Casing Wear Ring	A9018-C9	A9018-C9	1
26	Impeller Screw	Q60-2-J3	Q60-2-J3	1
28	Impeller Washer	A5090-J3	A5090-J3	1
32	Impeller Key	A7356-J8	A7356-J8	1
73	Case Gasket	A7771-1-L13	A7771-1-L13	1
80	STD. Bal. Mechanical Seal	Q26-415-Y47	Q26-415-Y47	1
81	Plugs	04236	04236	3
82	Cap Screw	Q15-19-E26	Q15-19-E26	16
83	Cap Screw	Q15-5-E26	Q15-19-E26	4
N.S.	Shaft Sleeve O-Ring	Q41-32-K9	Q41-32-K9	1

Cap Screws for Ductile Iron = Grade 8

Cap Screws for Cast Iron = Grade 5

320 Series 250# Flange (Cast Iron / Ductile Iron)		4095CV In-Line				Quantity
		Motor Frame Size				
		213JM - 215JM	254JM - 256JM	284JM - 326JM		
1	Casing (-A2/-A12)	D9023-10	D9023-10	D9023-10	1	
2	Impeller	B3983-5-B12	B3983-5-B12	D9024-B12	1	
6	Motor Shaft	B8500	B8710	B8773	1	
11	Casing Cover (-A2/-A12)	C9002-1	C9003-1	C9004-1	1	
14	Shaft Sleeve	A7355-3-C9	A9007-5-C9	A9007-5-C9	1	
25	Casing Wear Ring	A6623-C9	A6623-C9	A9025-C9	1	
26	Impeller Screw	Q60-2-J3	Q60-3-J3	Q60-3-J3	1	
		-	A6953-C9	A6953-C9	1	
28	Impeller Washer	A5090-J3	A6680-J3	A6680-J3	1	
32	Impeller Key	A7356-J8	A7356-2-J8	A7356-2-J8	1	
73	Case Gasket	A7771-1-L13	A7771-1-L13	A7771-1-L13	1	
80	STD. Bal. Mechanical Seal	Q26-415-Y47	Q26-416-Y47	Q26-416-Y47	1	
81	Plugs	04236	04236	04236	3	
82	Cap Screw	Q15-19-E26	Q15-19-E26	Q15-19-E26	16	
83	Cap Screw	Q15-19-E26	Q15-19-E26	Q15-4-E26	4	
N.S.	Pipe Coupling	-	Q29-68-E4	Q29-68-E4	1	
N.S.	Nipple	-	Q29-69-E4	Q29-69-E4	1	
N.S.	Shaft Sleeve O-Ring	Q41-32-K9	Q41-31-K9	Q41-31-K9	1	

Cap Screws for Ductile Iron = Grade 8  
 Cap Screws for Cast Iron = Grade 5

**Repair Parts**

320 Series 125# Flange (Cast Iron)		6012CV In-Line						Quantity
		Motor Frame Size						
	56J	143JM-184JM	213JM-215JM	254JM-256JM	284JM-326JM			
1	Casing (CI)	N.A.	N.A.	N.A.	0118033	0118033	1	
2	Impeller	N.A.	N.A.	N.A.	0067456	0067456	1	
6	Motor Shaft	N.A.	N.A.	N.A.	N.A.	N.A.		
11	Casing Cover (CI)	N.A.	N.A.	N.A.	0118083	0118083	1	
14	Shaft Sleeve	N.A.	N.A.	N.A.	0118275	0118275	1	
25	Casing Wear Ring	N.A.	N.A.	N.A.	0008190	0008190	1	
26	Impeller Screw	N.A.	N.A.	N.A.	0053315	0053315	1	
27	Casing Cover Ring	N.A.	N.A.	N.A.	0068172	0068172	1	
28	Impeller Washer	N.A.	N.A.	N.A.	0068347	0068347	1	
32	Impeller Key	N.A.	N.A.	N.A.	0068337	0068337	1	
73	Case Gasket	N.A.	N.A.	N.A.	0088149	0088149	1	
80	STD. Bal. Mechanical Seal	N.A.	N.A.	N.A.	0118330	0118330	1	
81	Plugs	N.A.	N.A.	N.A.	0006224	0006224	1	
82	Cap Screw	N.A.	N.A.	N.A.	0000431	0000431	8	
83	Cap Screw	N.A.	N.A.	N.A.	0000431	0000431	4	
N.S.	Shaft Sleeve O-Ring	N.A.	N.A.	N.A.	-	-		
N.S.	Nipple	N.A.	N.A.	N.A.	-	-		
N.S.	Shaft Sleeve O-Ring	N.A.	N.A.	N.A.	-	-		

Cap Screws for Cast Iron = Grade 5