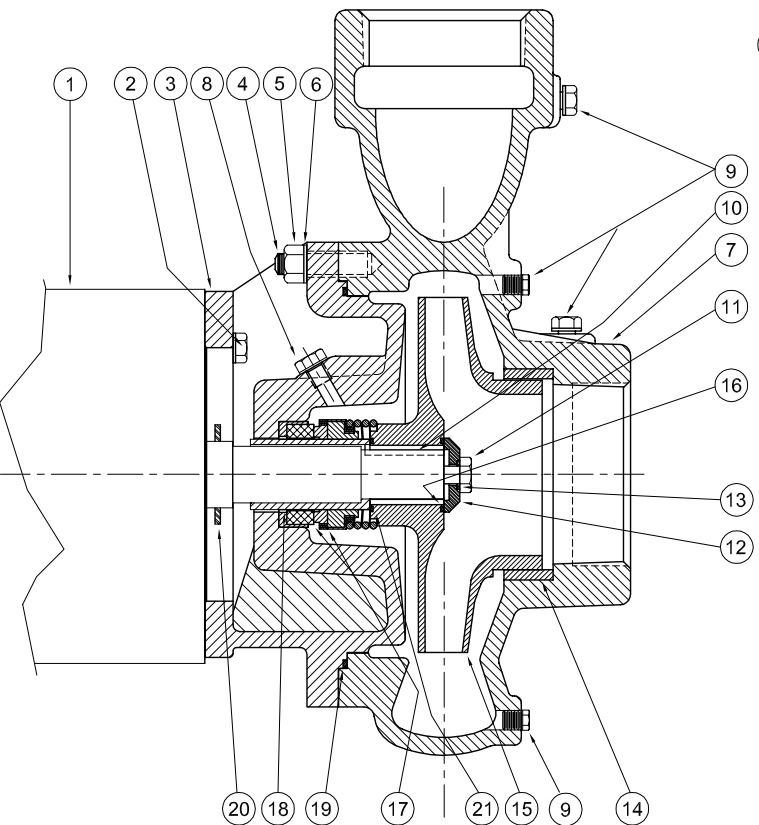
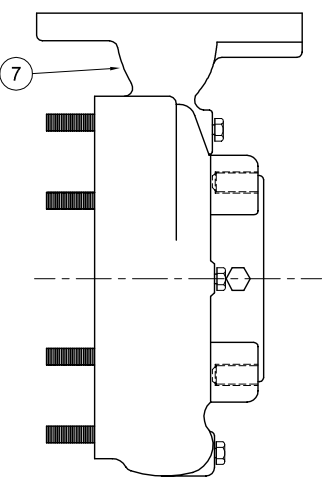


*Centrifugals - Close Coupled*

FLANGED CASING ASSEMBLY



1 - MOTORS			
RPM & PHASE	PART NUMBER	HP	FRAME SIZE
<b>OPEN DRIP PROOF</b>			
1750 RPM Single Phase (ODP)	21393	1	143JM
	21394	1½	145JM
	21395	2	182JM
1750 RPM Three Phase (ODP)	21419	1	143JM
	21420	1½	145JM
	21421	2	145JM
3500 RPM Three Phase (ODP)	09907	7½	184JM
	09999	10	213JM
	20002	15	215JM
	21169	20	254JM
<b>TOTALLY ENCLOSED</b>			
1750 RPM Single Phase (TEFC)	21399	1	143JM
	21400	1½	145JM
	21401	2	182JM
	21402	3	184JM
1750 RPM Three Phase (TEFC)	21426	1	143JM
	21427	1½	145JM
	21428	2	145JM
	21429	3	182JM
3500 RPM Three Phase (TEFC)	09951	7½	213JM
	20000	10	215JM
	20003	15	254JM
	21195	20	256JM
<b>EXPLOSION PROOF</b>			
1750 RPM Three Phase (XP)	21433	1	143JM
	21434	1½	145JM
	21435	2	145JM
	21436	3	182JM
3500 RPM Three Phase (XP)	09955	7½	213JM
	20001	10	215JM
	20004	15	254JM
	21196	20	256JM

SYMBOL NUMBER	PART NUMBER	QTY	DESCRIPTION	
<b>PUMPS with 143-215JM Motors</b>				
+16	09933	1	Flat Gasket +	
	22083	1	O-Ring Gasket - Buna N (Std)	
	22084	1	O-Ring Gasket - Viton	
	22094	1	O-Ring Gasket - EPT**	
	22085	1	O-Ring Gasket - Teflon	
<b>PUMPS with 254-256JM Motors</b>				
+17	21090	1	Flat Gasket +	
	22140	1	O-Ring Gasket - Buna N (Std)	
	22141	1	O-Ring Gasket - Viton	
	22143	1	O-Ring Gasket - EPT**	
	22142	1	O-Ring Gasket - Teflon	
<b>PUMPS with 143-215JM Motors</b>				
18	09917	1	Mechanical Seal - Buna-N (Std)	
	09926	1	Mechanical Seal - Viton	
	21271	1	Mechanical Seal - EPT**	
<b>PUMPS with 254-256JM Motors</b>				
+19	21136	1	Mechanical Seal - Buna-N (Std)	
	21189	1	Mechanical Seal - Viton	
	21721	1	Mechanical Seal - EPT**	
20	22063-C	1	Shaft Sleeve - Bronze - 143-215JM Motors	
	22066	1	Shaft Sleeve - Bronze - 254-256JM Motors	
+21	09916	1	Flat Gasket +	
	22099	1	O-Ring Gasket - Buna N (Std)	
	23000	1	O-Ring Gasket - Viton	
	23001	1	O-Ring Gasket - EPT**	
+21	23002	1	O-Ring Gasket - Teflon	
	<b>PUMPS with 143-215JM Motors</b>			
	09918	1	Slinger Washer - 143-215JM Motors	
	21093	1	Slinger Washer - 254-256JM Motors	
<b>PUMPS with 143-215JM Motors</b>				
+21	09911	1	Flat Gasket +	
	22083	1	O-Ring Gasket - Buna N (Std)	
	22084	1	O-Ring Gasket - Viton	
	22094	1	O-Ring Gasket - EPT**	
+21	22085	1	O-Ring Gasket - Teflon	
	<b>PUMPS with 254-256JM Motors</b>			
	21092	1	Flat Gasket +	
	22089	1	O-Ring Gasket - Buna N (Std)	
22090	1	O-Ring Gasket - Viton		
22096	1	O-Ring Gasket - EPT**		
22091	1	O-Ring Gasket - Teflon		

"CONTINUED ON NEXT PAGE"

SYMBOL NUMBER	PART NUMBER	QTY	DESCRIPTION
2	01928	4	Cap Screw - for 09912 Adapter
	1-68-6	4	Cap Screw - for 09920 & 21345 Adapter
3	09912	1	Adapter - 143-184JM Motors
	09920	1	Adapter - 213-215JM Motors
	21345	1	Adapter - 254-256 JM Motors
4	03075	8	Stud
5	15-23-6	8	Nut
6	01609-A	8	Washer
*7	22152	1	Casing Assy
	22270	1	Casing Assy (Flanged)
8	04236	1	Pipe Plug - 1/4" Bronze
9	01691-A	6	Pipe Plug, 1/8" - Bronze
10	23014	1	Key - 143-215JM Mptors
	22107	1	Key - 254-256JM Motors
11	1-529-1	1	Cap Screw, SS - 143-215JM Motors
	01638-A	1	Cap Screw, SS - 254-256JM Motors
12	22105-C	1	Washer, Bronze - 143-215JM Motors
	22106	1	Washer, Bronze - 254-256JM Motors
<b>PUMPS with 143-215JM Motors</b>			
13	22080	1	O-Ring Gasket - Buna N (Std)
	2-31005-012	1	O-Ring Gasket - Viton
	22093	1	O-Ring Gasket - EPT**
	22082	1	O-Ring Gasket - Teflon
<b>PUMPS with 254-256JM Motors</b>			
14	22086	1	O-Ring Gasket - Buna N (Std)
	22087	1	O-Ring Gasket - Viton
	22095	1	O-Ring Gasket - EPT**
	22088	1	O-Ring Gasket - Teflon
14	20680	1	Wear Ring - Bronze
<b>1750 RPM</b>			
15	20678-5.25	1	Impeller - 104G6-2-1/2 & 3104G6-2-1/2
	20678-5.75	1	Impeller - 154G6-2-1/2 & 3154G6-2-1/2
	20678-6.31	1	Impeller - 204G6-2-1/2 & 3204G6-2-1/2
<b>3450 RPM</b>			
15	20678-5.13	1	Impeller - 375G6-2-1/2
	20678-5.50	1	Impeller - 3100G6-2-1/2
	20678-6.31	1	Impeller - 3150G6-2-1/2
	20678-1-6.31	1	Impeller - 3200G6-2-1/2

(\*) Casing Assy. Includes Symbols 4, 9 & 14.

(\*\*) For hot water or Caustic service.

(+) Series G6-2-1/2 pumps have been manufactured with either a flat or O-ring type gasket. Determine which type is required before ordering. When in doubt, order flat gasket.

**Centrifugals - Close Coupled**

SYMBOL NUMBER	PART NUMBER	QTY	DESCRIPTION
<b>DIFFERING PARTS FOR ALL BRONZE CONSTRUCTION</b>			
3	09912-B	1	Adapter - 143-184JM Motors
	09920-B	1	Adapter - 213-215JM Motors
	21345-A	1	Adapter - 254-256 JM Motors
*7	22152-A	1	Casing Assy
	22270-A	1	Casing Assy (Flanged)
11	03289	1	Cap Screw, Bronze - 143-215JM Motors
	01638-B	1	Cap Screw, Bronze - 254-256JM Motors
<b>DIFFERING PARTS FOR ALL IRON CONSTRUCTION</b>			
2	03289	4	Cap Screw - for 09912-B Adapter
	01638-B	4	Cap Screw - for 09920-B & 21345-A Adapter
5	05536	8	Nut
6	01609-B	8	Washer
*7	22152-B	1	Casing Assy
	22270-B	1	Casing Assy (Flanged)
8	04236-A	1	Pipe Plug 1/4" SS
9	00158	6	Pipe Plug 1/8" Steel
	22105-A	1	Washer - Steel - 143-215JM Motors
12	22106-A	1	Washer - Steel - 254-256JM Motors
14	20680-A	1	Wear Ring - G6-1-1/2
15	20678-A	1	Impeller - 143-215JM Motors
	20678-A-1	1	Impeller - 254-256JM Motors
			Impeller size suffixes same as standard bronze impellers.
18	22063-A	1	Shaft Sleeve - SS - 143-215JM Motors
	22066-A	1	Shaft Sleeve - SS - 254-256JM Motors

(\*) Casing Assy. Includes Symbols 4, 9 & 14.

(\*\*) For hot water or Caustic service.

(+) Series G6-2-1/2 pumps have been manufactured with either a flat or O-ring type gasket. Determine which type is required before ordering. When in doubt, order flat gasket.

SECTION  
PAGE  
DATE

CCCP  
26  
2/05

**CRANE**<sup>®</sup>

A Crane Co. Company

**PUMPS & SYSTEMS**

USA: (937) 778-8947 • Canada: (905) 457-6223 • International: (937) 615-3598