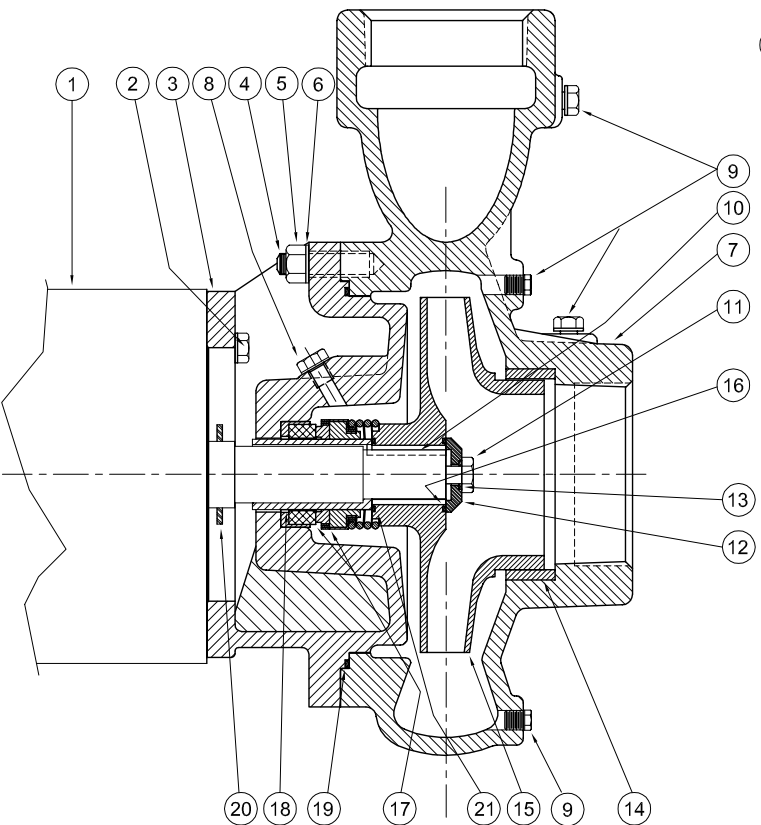
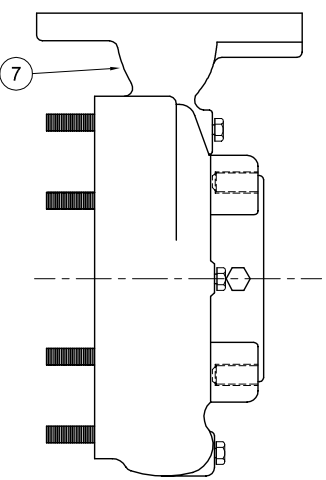


Centrifugals - Close Coupled

FLANGED CASING ASSEMBLY



1 - MOTORS			
RPM & PHASE	PART NUMBER	HP	FRAME SIZE
OPEN DRIP PROOF			
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
TOTALLY ENCLOSED			
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
EXPLOSION PROOF			
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
PUMPS with 143-215JM Motors			
+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
PUMPS with 254-256JM Motors			
+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
PUMPS with 143-215JM Motors			
18	09917	1	Mechanical Seal - Buna-N (Std)
	09926	1	Mechanical Seal - Viton
	21271	1	Mechanical Seal - EPT**
PUMPS with 254-256JM Motors			
+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**
20	23002	1	O-Ring Gasket - Teflon
	09918	1	Slinger Washer - 143-215JM Motors
20	21093	1	Slinger Washer - 254-256JM Motors
	PUMPS with 143-215JM Motors		
+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**
	22085	1	O-Ring Gasket - Teflon
PUMPS with 254-256JM Motors			
+21	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
	15-23-6	8	Nut
5	01609-A	8	Washer
	*7 22152	1	Casing Assy
6	22270	1	Casing Assy (Flanged)
	04236	1	Pipe Plug - 1/4" Bronze
9	01691-A	6	Pipe Plug, 1/8" - Bronze
	23014	1	Key - 143-215JM Mptors
10	22107	1	Key - 254-256JM Motors
	1-529-1	1	Cap Screw, SS - 143-215JM Motors
11	01638-A	1	Cap Screw, SS - 254-256JM Motors
	22105-C	1	Washer, Bronze - 143-215JM Motors
12	22106	1	Washer, Bronze - 254-256JM Motors
	PUMPS with 143-215JM Motors		
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
PUMPS with 254-256JM Motors			
13	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
	1750 RPM		
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
3450 RPM			
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
DIFFERING PARTS FOR ALL BRONZE CONSTRUCTION			
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
DIFFERING PARTS FOR ALL IRON CONSTRUCTION			
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
	20678-A	1	Impeller - 143-215JM Motors
15	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.

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2/05**CRANE**

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