

5431 Through 5436
Standard Fitted (SF) Pumps

Ref. No.	Description	Material	Specification (1)
1	Impeller	Cast iron	A48-CL30
9	Bolt, impeller	Steel	SAE Bolt Steel-GR-8
9A	Washer, impeller	Steel	A108 GR12L14
14	Sleeve, shaft	Stainless steel	304 SST
15	Base	Structural Steel (2)	A283 Grade D and A7 or A36
30	Volute	Cast iron	A48-CL30
31	Gland, solid	Cast iron	A48-CL30
33	Fronthead	Cast iron	A48-CL30
34	Backhead	Cast iron	A48-CL30
44	Elbow, suction	Cast iron	A48-CL30
102	Key, impeller	Steel	AISI 1018
126	Deflector	Rubber	Neoprene
154	Gasket suction	Tag board	F104
156	Gasket, volute	Tag board	F104
156A	O ring, backhead	Rubber	Buna N
202	Cover, volute handhole	Cast iron	A48-CL30
203	Gasket, volute handhole	Rubber	—
290	Cover, suction handhole	Cast iron	A48-CL30
291	Gasket, suction handhole	Rubber	—
431	Housing seal	Cast iron	A48-CL30
433	Gasket, seal housing	Rubber	—
456	Mechanical seal	—	—
464	Combination base elbow (3)	Cast iron	A48-CL30

Options to Basic Pumps

Ref. No.	Description	Material	Specification (1)
1	Impeller	Bronze	B584 AL 836
1	Impeller, bladeless ("K") (4)	Cast iron	A48-CL30
9	Bolt, impeller	Stainless steel	304 Stainless steel (stress hardened)
9A	Washer, impeller	Stainless steel	AISI-416
14	Sleeve, shaft	Bronze	B505 AL 932
16	Wear ring, fronthead	Stainless steel	A743 GR CA-40 (MOD) (5)
16	Wear ring, fronthead	Stainless steel	A743 GR CA-40 (MOD) (6)
17	Wear ring, impeller	Stainless steel	A743 GR CA-40 (MOD) (5)
17	Wear ring, impeller	Stainless steel	A743 GR CA-40 (MOD) (6)

(1) All material designations are ASTM unless otherwise noted, and are for description of chemistry only.

(2) Plate is A283 GR. D and Channel is A7 or A36.

(3) Standard construction on 4" B5431C, 4" B5432C, and 4" B5433C.

(4) Available only on 2", 3", and 4" B5431, B5432, 3", 4", and 5" B5433, 6" and 8" B5434, 10" B5435.

(5) 300 - 350 Brinell

(6) 410 - 484 Brinell