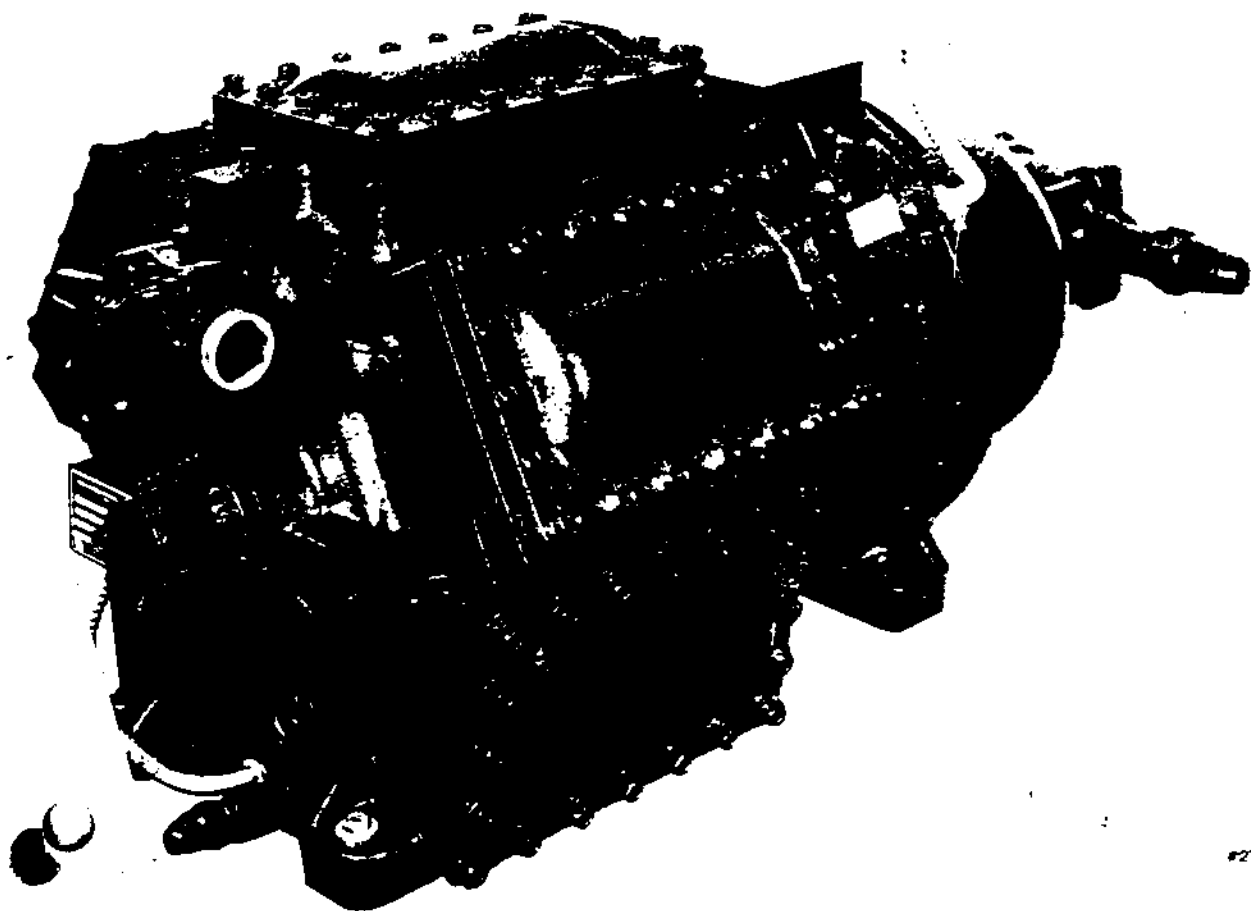


MODELS ZB4H, ZB4J, ZB4K, ZB4M, ZB6N, ZB6R, ZB6S, ZB6W, ZB6AE

(See Page 2 for Complete Model Nomenclature)



#27294

REVISIONS OR UPDATES TO THIS LITERATURE WILL BE MARKED WITH SCREENS
(FOR SMALL AREAS) OR VERTICAL BARS (FOR LARGE AREAS)

NOMENCLATURE

COMPRESSOR IDENTIFICATION

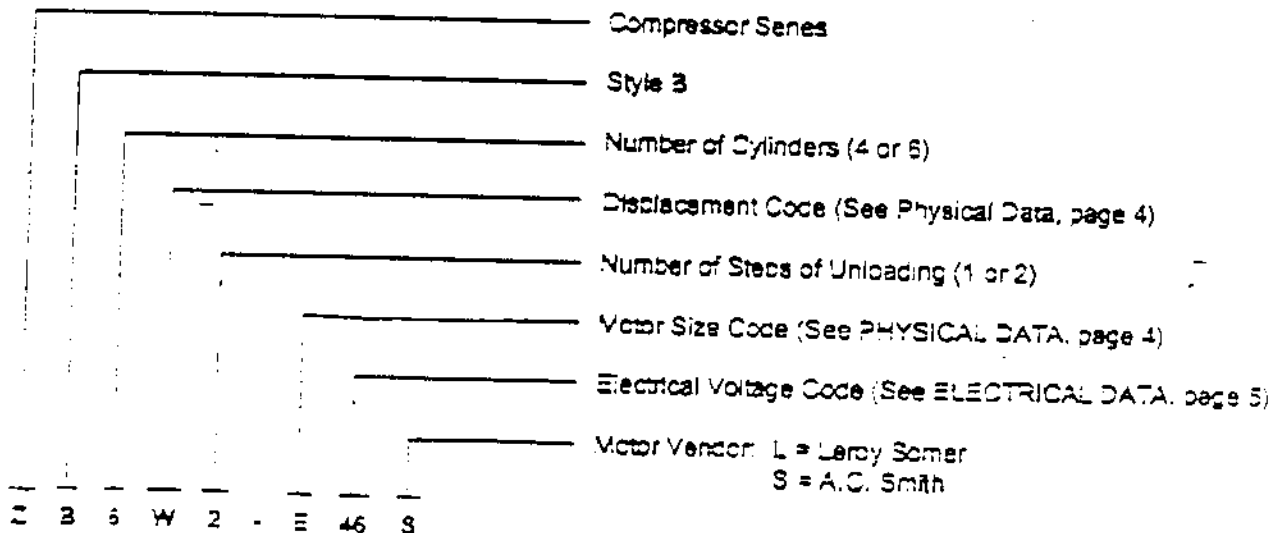
Each compressor is identified by nomenclature as shown below. The nomenclature is printed on a data plate which is located next to the oil pump as shown in Fig. 1. When contacting the factory or ordering renewal parts, include the complete Nomenclature, Serial Number, and Date Code. Be sure these numbers are copied accurately.

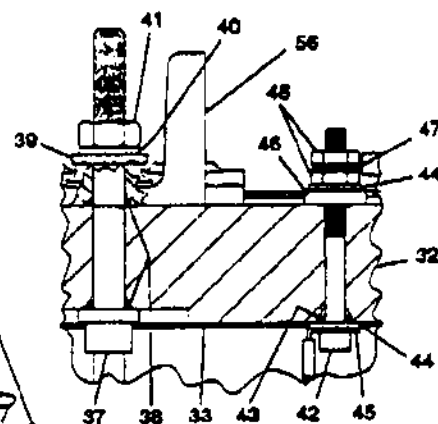
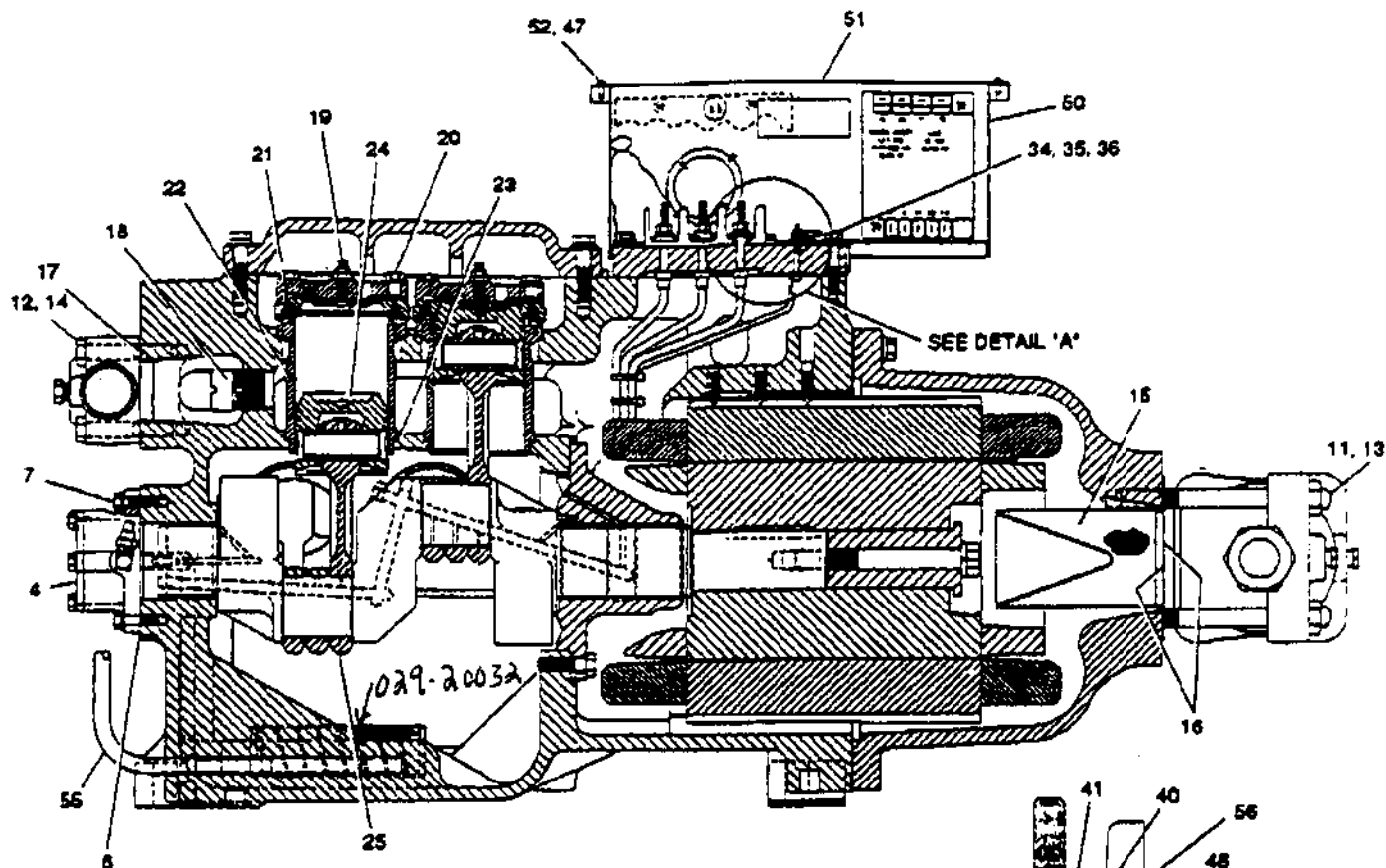


MODEL		SERIAL NO.	
PART NO.		DATE CODE	
VOLTAGE	USE COIL	FW LRA	FW LRA
VOLTAGE	USE COIL	FW LRA	FW LRA
INHERENTLY PROTECTED SYSTEM		FACTORY TEST PRESSURE 450 PSIG	
		OP-112000 REV.	

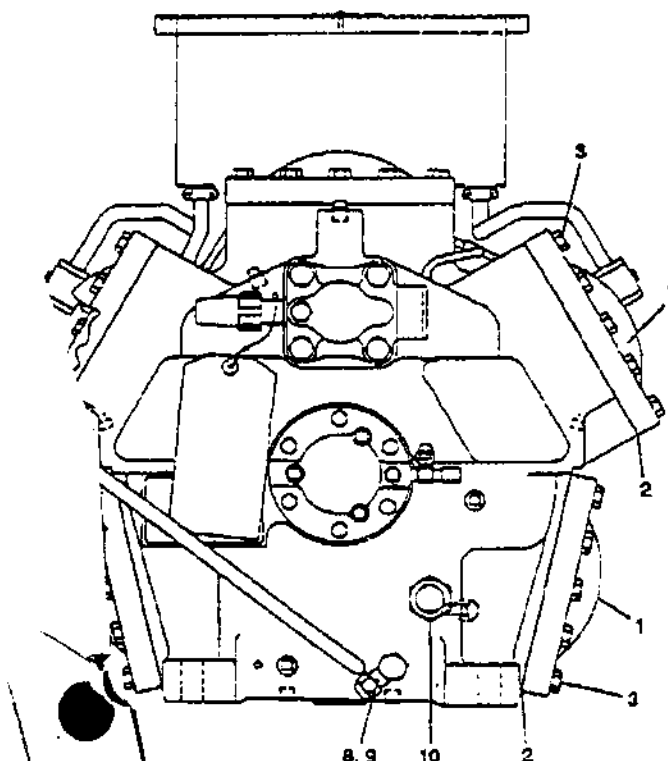
927285

FIG. 1 — COMPRESSOR DATA PLATE

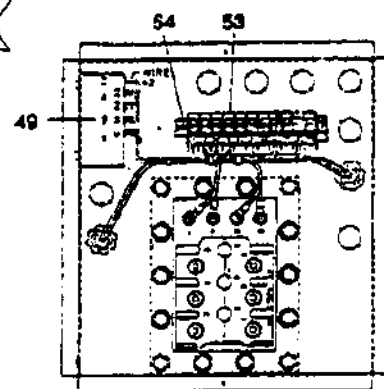
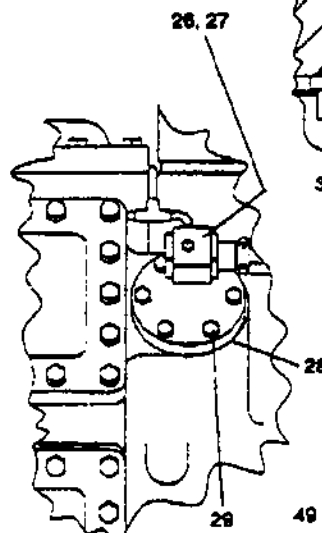




DETAIL "A"
TERMINAL-BLOCK



COMPRESSOR

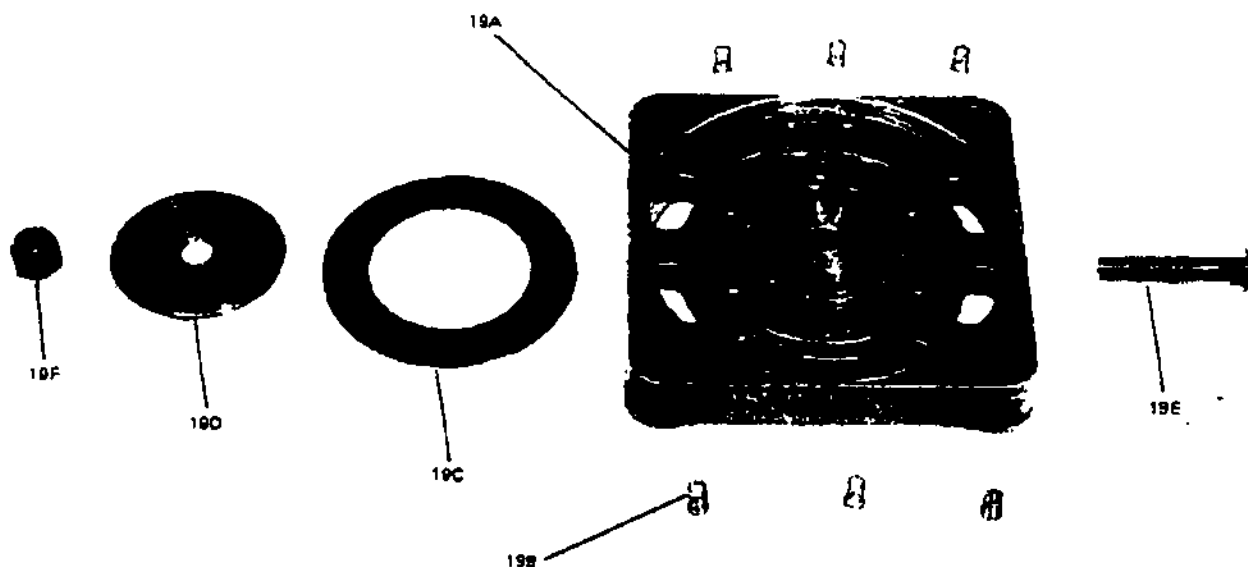


ITEM NO.	DESCRIPTION	PART NO.
1	Top Head & Access Cover Plate	865-25185
2	Gasket For Item No. 1	028-12573
3	Cap screw For Item No. 1 (5 / Pkg.)	021-17769-000
4	Pump, Oil	028-32367
5	Gasket, Oil Pump	028-12586
7	Screw, Oil Pump (5 / Pkg.)	021-17689-000
8	Valve Oil Charging	022-01582
9	Seal Cap	023-00877
10	Sight Glass	028-17581
11	Valve, Suction Stop 1-5/8" (Z4H) (Z4J) 2-1/8" (Z4K, Z4M, Z8N, Z8R) (Z8S) 2-5/8" (Z8R, Z8S, Z8W, Z8AE) 3-1/8" (Z8W, Z8AE)	022-03727-003 022-01182 022-01383 022-01393 022-01394 022-08851
12	Valve, Discharge Stop 1-5/8" (Z4H, Z4J) 1-5/8" (Z4K, Z4M, Z8N, Z8R, Z8S, Z8W, Z8AE)	022-03727-002 022-03727-003
13	Screw (Item 11 To Compressor) Z4H Z4J Z4K, Z4M, Z8N, Z8R, Z8S Z8R, Z8S, Z8W, Z8AE Z8W, Z8AE	021-08318 021-17241 021-16821 021-16821 021-16817
14	Screw (Item 12 To Compressor)	021-08318
15	Screen, Suction Strainer Z4H, Z4J Z4K, Z4M, Z8N, Z8R, Z8S Z8W, Z8AE Z8W, Z8AE	028-30899 028-30801 028-30801 028-30802
16	Gasket, Suction Strainer & Stop Valve Z4H, Z4J Z4K, Z4M, Z8N, Z8R, Z8S Z8W, Z8AE Z8AE	028-11912 064-47078 064-47078 064-47079
17	Gasket, Discharge Stop Valve	028-11912
18	Valve, High Pressure Relief	022-03871
19	Discharge Valve Cage Assembly	See Figure 3
20	Screw, Discharge Valve Cage Assembly To Compressor (4 Per Valve — 4 / Pkg.)	221-13824-800
21	Suction Valve Plate Assembly	See Figure 4
22	Cylinder Sleeve Z4H, Z4K, Z8N, Z8S Z4J, Z4M, Z8R, Z8W, Z8AE Z8AE	065-25237 065-25240 065-25325

OIL TEMP SENSOR 025-32966-000

ITEM NO.	DESCRIPTION	PART NO.
23	"O" Ring (Used On Unloading Cylinders Only) (ZB6AE)	025-11903 025-05173
24	Piston Assembly	See Figure 5
25	Connecting Rod Assembly	See Figure 6
26 †	Solenoid Valve (Less Coil)	025-30478
27	Solenoid Valve Coil (120V) (240V)	025-30467 025-30468
28	Gasket, Solenoid Valve To Compressor	025-12572
29	Screw, Solenoid Valve To Compressor (6 Req'd. / Valve — 6 / Pkg.)	021-17767-000
30	Unloader Piston Assembly	See Figure 7
31	Cover, Unloader Opening (Blank)	065-25245-000
32	Terminal Block	025-27541
33	Gasket, Terminal Block	025-12574
34	Screw, Terminal Box & Terminal Block To Compressor (10 / Pkg.)	021-17768-000
35	Washer, Plain (14 Req'd. — 10 / Pkg.)	021-05166-000
36	Washer, Lock (4 Req'd. — 20 / Pkg.)	021-17652-000
37	Bolt, Motor Terminal (6 Req'd.)	021-14493-002
38	"O" Ring (2 Req'd. / Terminal Bolt)	025-08959
39	Washer (1 Req'd. / Terminal Bolt — 10 / Pkg.)	221-05165-800
40	Lockwasher (1 Req'd. / Terminal Bolt — 20 / Pkg.)	221-03233-000
41	Nut, Hex (1 Req'd. / Terminal Bolt — 10 / Pkg.)	221-08581-800
42	Screw, Overload Protector	021-14817
43	"O" Ring (1 Req'd. / Overload Protector)	025-09947
44	Washer (2 Req'd. / Overload Protector — 10 / Pkg.)	221-01240-800
45	Terminal, Overload Protector	025-18650
46	Washer, Phenolic	025-09525
47	Lockwasher (20 / Pkg.)	221-01133-800
48	Nut, Hex (2 Req'd. / Overload Protector — 10 / Pkg.)	221-08661-800
49	Module, Motor Protector	24V 025-29938 120V 025-27522 240V 025-28722
50	Terminal Box	065-25256
51	Cover, Terminal Box	065-25168
52	Screw, Terminal Box Cover (10 / Pkg.)	221-13754-800
53	Terminal Block (11 Req'd. With 1 Unloader; 13 With 2 Unloaders)	025-20944
54	Terminal Block End	025-20946
55	Crankcase, Heater	120V 025-27924 240V 025-27936
56	Spacer, Insulating	025-27976-001
57	Top Head Overhaul Kit	364-47666-017
58	Top Head Valve Replacement Kit	364-47667-009
59	Gasket Kits 4 Cyl. 6 Cyl.	365-25317 365-25318

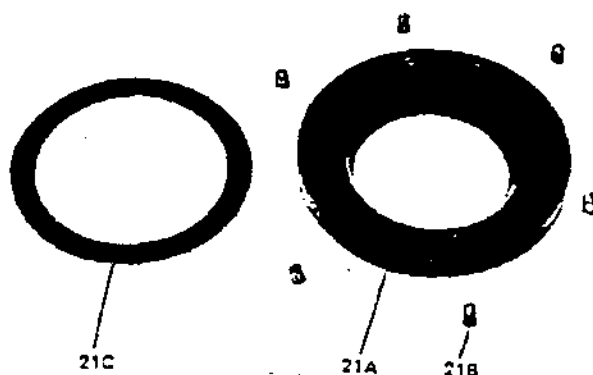
† Ifs equipped with hot gas unloading there is an orifice located under the valve. The P/N of the orifice is 065-25337-000.



ITEM NO.	DESCRIPTION	PART NO.
19	Discharge Valve Cage Assembly	065-25183-000
19A	Cage, Discharge	065-25178
19B	Spring, (6 Per Valve — 36 / Pkg.)	229-15292-800
19C	Valve, Discharge	065-25184
19D	Disk	065-25177
19E	Screw	021-17219
19F	Nut, Locking (5 / Pkg.)	221-09610-800

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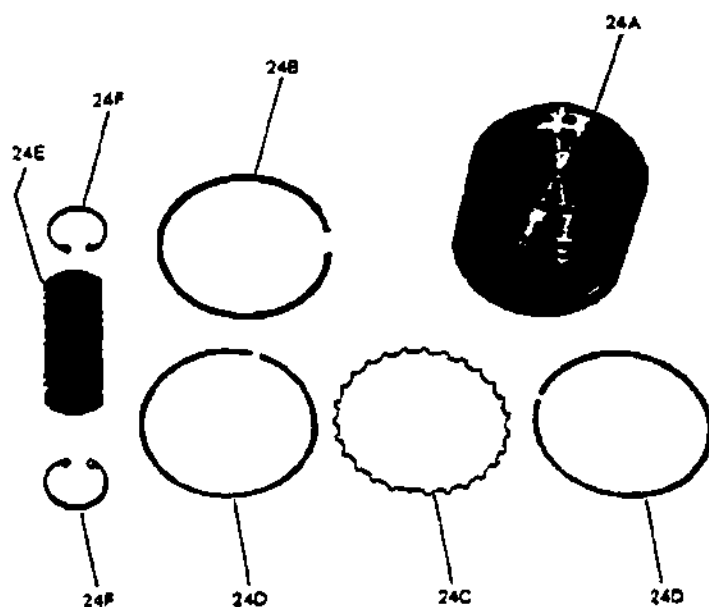
FIG. 3 — DISCHARGE VALVE CAGE ASSEMBLY



ITEM NO.	DESCRIPTION	PART NO.
21	Suction Valve Plate Assembly	065-25181-000
21A	Valve Plate	065-25324-000
21B	Spring (6 Per Valve — 36 / Pkg.)	229-15292-000
21C	Valve, Suction	065-25182-000

424812

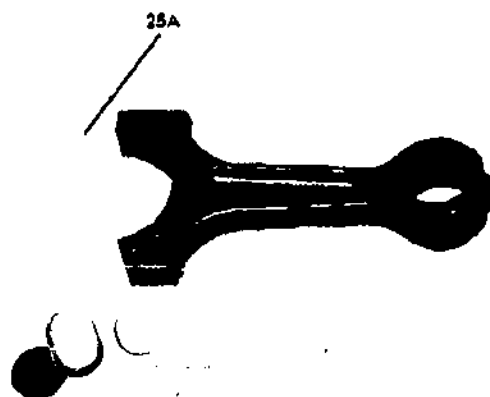
FIG. 4 — SUCTION VALVE PLATE ASSEMBLY



ITEM NO.	DESCRIPTION	PART NO.
24	Piston Assembly Z4H, Z4K, Z6N, Z6S Z4J, Z4M, Z6R Z6W, 065-25316 Z6AE	065-25315 065-25316 065-25316 385-25353-000
24A	Piston Z4H, Z4K, Z6N, Z6S Z4J, Z4M, Z6R Z6W, 065-25229 Z6AE	065-25229 065-25239 065-25239 065-25322
24B	Compression Ring Z4H, Z4K, Z6N, Z6S Z4J, Z4M, Z6R Z6W, 029-20220 Z6AE	029-20220 029-20226 029-20226 029-20901
24C	Expander Ring Z4H, Z4K, Z6N, Z6S Z4J, Z4M, Z6R Z6W, 029-20221 Z6AE	029-20221 029-20227 029-20227 Not Used
24D	Wiper Ring Z4H, Z4K, Z6N, Z6S Z4J, Z4M, Z6R Z6W, 029-20222 Z6AE	029-20222 029-20228 029-20228 029-20902
24E	Piston Pin	029-20218
24F	Retaining Ring (2 Req'd. Per Piston)	029-20219

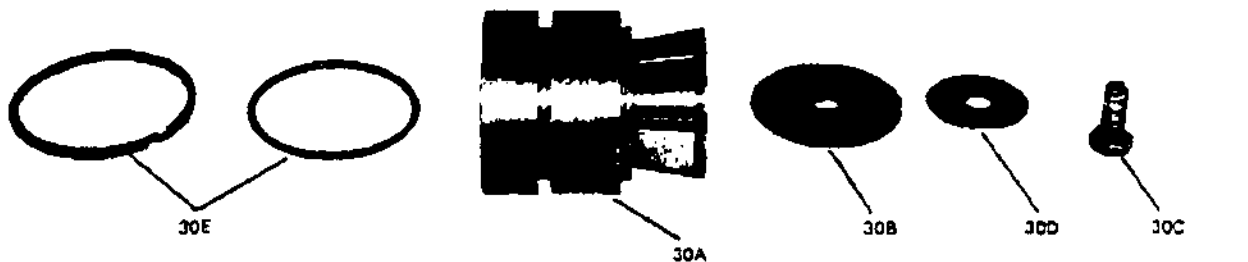
11A

5 — PISTON ASSEMBLY



ROD ASSEMBLY

ITEM NO.	DESCRIPTION	PART NO.
25	Connecting Rod Assembly Z4H, Z4J, Z6N, Z6R Z4K, Z4M, Z6S, Z6W, Z6AE	385-25229 385-25242
25A	Dowel Pin (2 Req'd. / Rod)	029-19802
25B	Screw (2 Req'd. / Rod)	021-09643
25C	Washer (2 Req'd. / Rod — 10 / Pkg.)	221-01262-800



ITEM NO.	DESCRIPTION	PART NO.
30	Unloader Piston Assembly	665-25186-000
30A	Piston	065-25187
30B	Seal	028-11905
30C	Screw	021-17306
30D	Flat Washer	021-17220
30E	Piston Ring (2 Piece)	029-20215
30F	Spring, Coil	029-20218



#24815

FIG. 7 — UNLOADER PISTON ASSEMBLY

TABLE 1 — REPLACEMENT MOTORS

VOLTAGES	VOLTAGE CODE	MOTOR SIZE CODE ¹				
		88 FRAME			106 FRAME	
		A	B	C	D	
200-3-60	17	365-25406-001	365-25406-011	365-25406-021	365-25406-101	365-25406-111
230-3-60 / 190-3-60	28 / 59	365-25406-002	365-25406-012	365-25406-022	365-25406-102	365-25406-112
380-3-60	40	365-25406-003	365-25406-013	365-25406-023	365-25406-103	365-25406-113
460-3-60 / 380 / 415-3-60	46 / 60	365-25406-004	365-25406-014	365-25406-024	365-25406-104	365-25406-114
570-3-60 / 500-3-50	58 / 70	365-25406-006	365-25406-015	365-25406-025	365-25406-105	365-25406-115
220-3-50	63	365-25406-006	365-25406-016	365-25406-026	365-25406-106	365-25406-116
440-3-50	43	365-25406-007	365-25406-017	365-25406-027	365-25406-107	365-25406-117
346-3-50	64	365-25406-008	365-25406-018	365-25406-028	365-25406-108	365-25406-118
363-3-50	36	—	365-25406-019	—	365-25406-109	—

1. As indicated by the model number (See Nomenclature on pg. 2). Replacement motor must be same size as original. Rotors and stators are not available separately. Replacement motors include item 37, pg. 3.



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Form 180.45-RP2 (594)
Supersedes 5/B-P-RP2 (993)



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AUG 25 '99 11:49AM YORK INT'L RPC BALTIMORE MD

**YORK MODEL "Z" STYLE "B"
PARTS LISTINGS**

CRANKSHAFTS

4 CYLINDER 665 25221 000

6 CYLINDER 665 25234 000

COMMON PARTS FOR BOTH 4 AND 6 CYLINDER MODELS

THRUST COLLAR 029 06183 000

PUMP END BRG 029 09052 000

**BEARING HEAD
MOTOR END
ASSEMBLY 665 25179 000**

BEARINGS (2) 029 09052 000

SLOT SPRING PIN (2) 029 07238 000

ITEMS WERE OMMITED FROM THE PARTS LIST 180.45 RP2