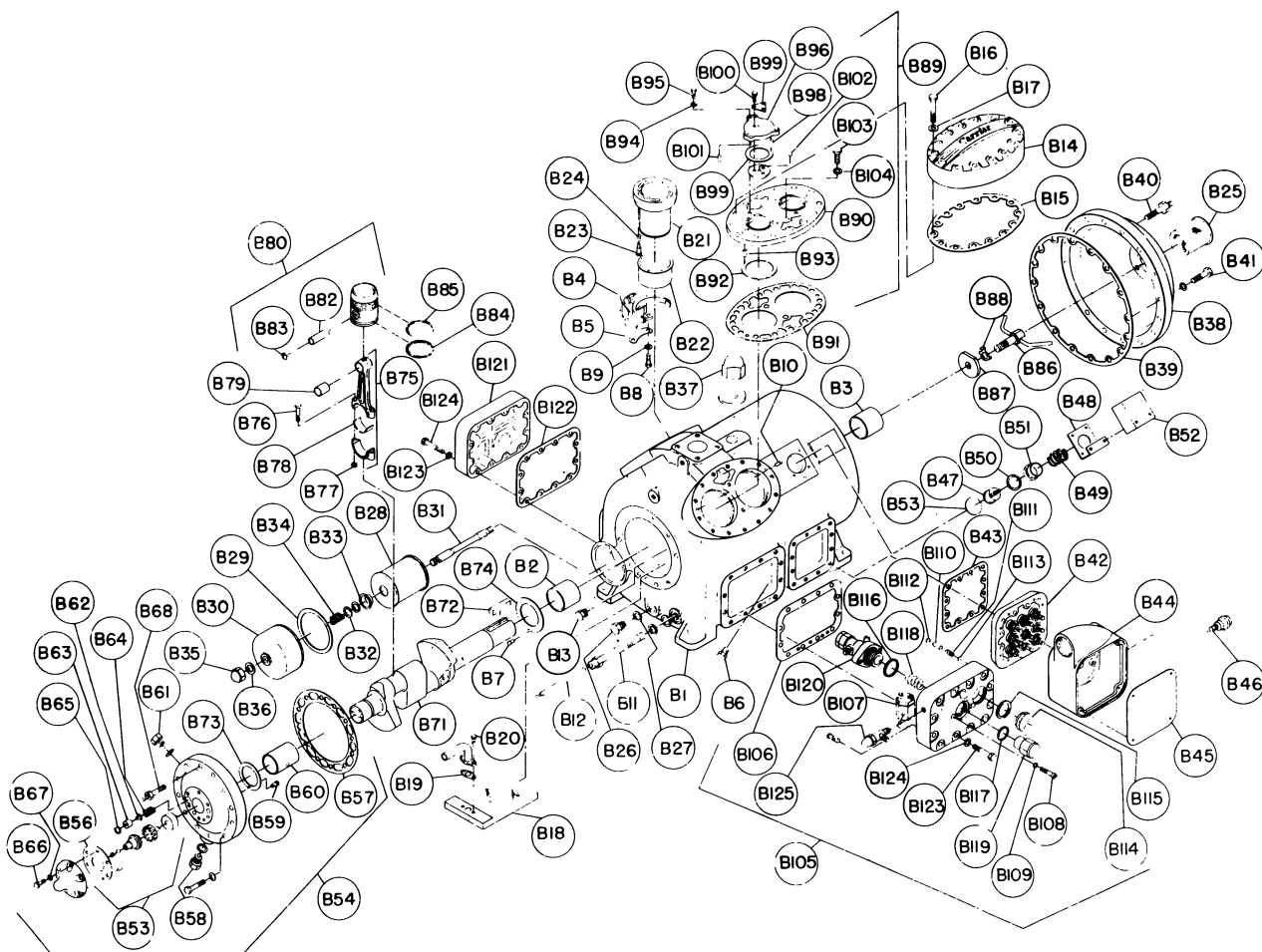




6G45 SHOWN



COMPRESSORS

6G,06G

REPLACEMENT COMPRESSOR & MOTOR GROUP

ELECTRICAL CHARACTERISTIC	REPLACEMENT COMPRESSOR ASSEMBLY	REPLACEMENT MOTOR	REPLACEMENT FOR				
			6G40, 06GA040	6G45, 06GA240	6G60, 06GA060	6G63, 06GA160	6G65, 06GA260
230V-3PH-60Cy.	06GH240500	06GX433508	1				
	06GH240500	06GX452508		1			
	06GH060500	06GX450508			1		
	06GH160500	06GX466508				1	
	06GH260500	06GX480508					1
208V-3PH-60Cy.	06GH240400	06GX433408	1				
	06GH240400	06GX452408		1			
	06GH060400	06GX450408			1		
	06GH160400	06GX466408				1	
	06GH260400	06GX480408					1
460V-3PH-60Cy. & 400V-3PH-50Cy.	06GH240600	06GX433608	1				
	06GH240600	06GX452608		1			
	06GH060600	06GX450608			1		
	06GH160600	06GX466608				1	
	06GH260600	06GX480608					1
575V-3PH-60Cy	06GH040100	06GX433108	1				
	06GH240100	06GX452108		1			
	06GH060100	06GX450108			1		
	06GH160100	06GX466108				1	
	06GH260100	06GX480108					1

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	UNIT USAGE 6G	
				40,45	60,63,65

COMPRESSOR BODY GROUP

NS	Gasket Set	AC	6G65-262	1	1
B1	Crankcase Assembly	NS	6G45-124	1	
	Includes:	NS	6G65-124		1
		On 6G45	On 6G65		
	Oil Supply Tubes				
B2	Motor End Bearing, Inner	(1)	(1) 6G45-1722	AC	
B3	" " " Outer	(1)	(1) 6G45-1712	AC	
B4	Unloader Power Element	(3)	(4) 5F20-153	AC	
B5	Unloader Bracket Gasket	(1)	(1) 5F20-1451	MP	
B6	Pipe Plug 1/4"	(1)	(1) CA63AA-051	MP	
B7	Headed Groove Pin(Brg.Washer)	(1)	(1) AX35HR-120	MP	
B8	Socket Head Cap Screw	(1)	(1) AB44AA-170	MP	
B9	Spring Lock Washer	(1)	(1) AU61ML-171	MP	
B10	Straight Dowel	(1)	(1) AX11AR-197	MP	
B11	Crankcase Heater Casing	AC	5F20-3742	1	1
	Heater Casing Gasket	MP	AU51YA-011	1	1
B12	Crankcase Heater Element	230V,200W	AC	HT31AR230	1
		115V,200W	AC	HT31AR200	1
B13	Oil Return Check Valve	AC	6D40-162	1	1



COMPRESSORS

6G,06G

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	UNIT USAGE 6G	
				40,45	60,63,65
COMPRESSOR BODY GROUP (CONT'D.)					
NS	Pressure Relief Valve <u>or</u> Oil Pressure Regulator Valve	AC	EB51FN-272		1
	Relief Valve Gasket	AC	6G65-1251		1
B14	Cylinder Head, L.H. & R.H. Bank	NS	5F40-1004	2	2
	Center Bank	NS	6G65-1004		1
B15	Cylinder Head Gasket	MP	5F40-1093	1	1
B16	Hex Head Cap Screw (Cylinder Head) 3/8"-16 x 3"	MP	AA06BR-239	3	4
	3/8"-16 x 3 1/2"	MP	AA06BR-241		1
B17	Cap Screw Gasket 3/8"	MP	AU51YA-005	3	4
	Oil Filter Screen Package	AC	5F40-237	1	1
	Includes:				
B18	Oil Filter Screen (1)	NSS			
B19	Gasket (1) 5F40-1371	NS			
B20	Hex Head Cap Screw (Oil Filter Screen) #10-24 x 5/8"	AC	AA08BR-127	2	2
B21	Cylinder Sleeve (Used in place of Cylinder Sleeve without Lifter Pin Holes)	AC	5F30-1003	4	6
B22	Unloader Sleeve	AC	5F20-1752	3	4
B23	Valve Lifter Pin	AC	6G45-1191	18	24
B24	Valve Lifter Spring	NS	6G45-1151	18	24
	NOTE:				
	Part 6G45-1151 is available in packages only.				
	Order 6G45-672 which includes:				
	(6) 6G45-1151 Valve				
B25	Suction Strainer Assembly	AC	6G45-982	1	
	Includes:	AC	6G65-982		1
	Suction Strainer (1)	NSS			
	Gasket 6G45 (1) 6D68-1131	MP			
	6G65 (1) 6G65-1061	MP			
B26	Magnetic Plug 5/8" - 18	AC	CA99AA101	2	2
B27	Magnetic Plug Gasket	MP	AU51YA-011	1	1
	Oil Filter Pkg.	AC	6G45-351	1	1
	Includes:				
B28	Cartridge (1)	NSS			
B29	Cover Gasket (1) 6G45-1161	MP			
B30	Oil Filter Cover	NS	6G45-1002	1	1
B31	Oil Filter Stud	NS	6G45-1062	1	1
	Oil Filter Washer	AC	6G45-1171	1	1
B32	"O" Ring Gasket	AC	KK71GW-008	1	1
B33	Oil Filter Spring Cup	AC	6G45-1051	1	1



COMPRESSORS

6G,06G

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	UNIT USAGE 6G	
				40,45	60,63,65

COMPRESSOR BODY GROUP (CONT'D.)

B34	Oil Filter Spring	AC	6G45-1063	1	1
	Hex Nut 1/2" - 20 (Inside Crankcase)	NA	AT11AA-302	1	1
	Plate Washer 1/2" (Inside Crankcase)	MF	AU02AB-301	1	1
B36	Cap Screw Gasket 5/8"	PT	AU51YA-011	1	1
B35	Acorn Nut 5/8" - 18	NL	AT27AB-332	1	1

MOTOR GROUP

	Motor Burn-Out Kit	AC	6G65-131	1	1
	Includes:				
	Gaskets, Complete Set (1) 6G65-262	AC			
	Oil Filter Cartridge (2) 6G45-351	AC			
	Stator Locking Pin-Early Type (behind Terminal Plate) (1) AX14CA-260	AC			
	Stator Locking Pin (used w/Acorn Nut) (1) AX14CP-237	MP			
	Locking Pin Bushing (1) 6G45-1561	AC			
	Service Instructions (1) _____	NSS			
B37	Acorn Nut, Locking Device	AC	AT27MA363	1	1
	Gasket, Locking Device	PT	AU51YA-012	1	1
NS	Motor Mounting Clamp - Early 6G40	NA	6G40-143	1	
	Early 6G45 & 6G65	NA	6G45-1112	4	4
	Early 6G60	NA	6G60-143		1
	Early 6G63	NA	6G63-1112		4
B38	Motor End Cover	NS	6G45-1019	1	
		NA	6G65-1019		1
B39	Motor End Cover Gasket	AC	6G45-1024	1	
		AC	6G65-1024		1
B40	Stud, Motor End Cover	AC	6G45-1282	2	
		NA	6G65-1282		2
B41	Hex Head Cap Screw (Motor End Cover) 1/2"-13 x 1 3/4"	MF	AA06BR-294	14	
	1/2"-13 x 2	AC	AA06BR-295		22
	Terminal Plate Assembly Pkg. (9 Lead Motors Only)	AC	06EA660087	1	1
	Includes: (6 Lead Motors Only)	AC	06EAC60051	1	1
B42	Terminal Plate Assembly (1)	NSS			
B43	Terminal Plate Gasket (1) 6G45-1082	AC			
	Terminal Bolt Repair Kit	AC	06EA660027	As Required	
	Includes:				
	Terminal Bolt (1) 06EA500291	AC			
	Terminal Plate Gasket (1) 6G45-1082	AC			
	Terminal Washer Seal (Red) (2) 6G45-1031	AC			
	(Gray) (2) 6G45-1091	AC			
	Terminal Seal Bushing (1) 6G45-1071	AC			
	Nylock Screw (1) AE53AR-166	NA			
	Wire Clamp (1) HY78TB-006	AC			
NS	Stud Connector - Across the Line Start	AC	HY85TB008	3	3
	Part Winding Start	AC	HY85TB008	6	6



COMPRESSORS

6G,06G

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	UNIT USAGE 6G	
				40,45	60,63,65

MOTOR GROUP (CONT'D.)

NS	Jam Nut, Stud Connectors	AC	AT14QA-241	As Required	
NS	Motor Terminal Jumper - 2 Post	AC	6G45-1121	3	3
	3 Post	AC	6G45-1131	1	1
B44	Junction Box	NS	6G45-1044	1	1
B45	Junction Box Instruction Plate	NS	6G40-1294	1	1
NS	Junction Box Insulation	NS	6G40-1503	1	1
B46	Flame Arrester	AC	KH03RR-060	1	1
NS	Permagum (Packing for Junction Box Conduit Connection) 1/2 lb. Box	NS	PE79SD-402	1	1
B47	Thermostat	AC	HH12HC-161	1	1
B48	Thermostat Bracket	NA	6G45-1072	1	1
B49	Thermostat Spring	AC	6D23-1531	1	1
B50	Thermostat Washer	AC	6D23-1511	1	1
B51	Thermostat Sleeve	AC	6D23-1521	1	1
B52	Thermostat Cover	AC	6G45-1092	1	1
B53	Insulation Disc	AC	6D23-1141	1	1

PUMP END GROUP

B54	Bearing Head and Oil Pump Assembly	AC	6G45-223	1	1
	Includes:				
B55	Oil Pump Package				
	(Matched Parts) (1) 6F25-252	AC			
	Includes:				
	Oil Pump Assembly	NSS			
B56	Oil Pump Cover Gasket (1) 6F25-1031	NS			
B57	Brg. Head Gasket (1) 5F20-1113	MP			
	Ball Bearing (1) KT37ZZ-022	NS			
B50	Magnetic Plug (1) CA99AA-101	AC			
	Plug Gasket (1) AU51YA-011	MP			
B59	Headed Groove Pin (1) AX35HR-120	MP			
B60	Pump End Bearing (1) 5F40-1022	AC			
B61	Adapter Plug (1) 6G40-1451	AC			
B62	Oil By Pass Valve (1) 6D40-1291	NS			
B63	Oil By Pass Valve Housing (1) 6G45-1041	NS			
B64	Oil By Pass Valve Spring (1) 6G45-1053	NS			
B65	Retaining Ring (1) AU47AA-068	NS			
B66	Hex Head Cap Screw				
	1/4" - 28 x 3/4" (1) AB06BR-168	MP			
B67	Cap Screw Gasket 1/4" (1) AU51YA-001	MP			
B68	Stud, Motor End Cover	AC	5F20-1781	2	2
B69	Hex Head Cap Screw 3/8" - 16 x 1 3/4"	MP	AA06BR-234	1	1
B70	Cap Screw Gasket 3/8"	MP	AU51YA-005	1	1



COMPRESSORS

6G,06G

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	UNIT USAGE 6G	
				40,45	60,63,65

CRANKSHAFT & PISTON GROUP

B71	Crankshaft Assembly	AC AC	6G45-114 6G65-114	1	1
B72	Crankshaft Key 1/2" x 1/2" x 2 1/4"	NS NS	AW01DA-287 AW01DA-286	1	1
B74	Bearing Washer, Motor End	AC	6G45-1181	1	1
B73	Bearing Washer, Pump End	AC	5F20-1741	1	1
B75	Connecting Rod & Bearing Package Includes:	NS	5F20-953	4	6
	Connecting Rod (1)	NSS			
B76	Connecting Rod Bolt (2) 5F20-1041	AC			
B77	Connecting Rod Nut (1) AT61AA-202	MP			
B78	Conn. Rod Bearing Half (2) 5F20-1002	NS			
B79	Piston Pin Bushing (1) 5F20-3671	NS			
	NOTE: Part 5F20-1002 is available in packages only. Order <u>5F20-451</u> which includes: (4) 5F20-1002 Bearing Half				
B80	Piston & Pin Package (Unassembled) Includes:	AC	5F20-482	4	6
	Piston (1)	NSS			
B82	Piston Pin (1) 5F20-1051	AC			
B83	Piston Pin Lock Ring (1) 5F20-3521	MP			
B84	Piston Rings - Oil	AC	5F20-1091	8	12
B85	Compression	AC	5F20-1071	8	12
	NOTE: Piston Rings are available in packages only. Order <u>5F20-481</u> which includes: (8) 5F20-1091 Oil Ring (8) 5F20-1071 Compression Ring				
B86	Tube & Bolt Assembly	AC	6G45-122	1	1
B87	Plate Washer	AC	6G45-1011	1	1
B88	Lock Washer 5/8"	AC	6G45-1001	1	1

VALVE PLATE GROUP

B89	Valve Plate Package Includes:	AC	5F40-120	2	3
B90	*Valve Plate (1)	NSS			
B91	Valve Plate Gasket (1) 5F40-1083	MP			
B15	Cylinder Head Gasket (1) 5F40-1093	MP			
B92	Suction Valve Disc (2) 5F20-1142	AC			
B93	Suction Valve Spring (1) 5F20-1791	MP			
B94	Guide Lock Washer (1) 5F20-1481	MP			
NS	Suction Valve Clip (for Assembling only) (4) 5F20-2061	AC			
B95	Cap Screw 1/4" - 28 x 1" (Guide to Valve Plate) (1) AB06BR170	MP			
	Discharge Valve Guide Assy. (2) 5F20-112	AC			
	Includes: *Inner Seat (1)	NSS			



COMPRESSORS

6G,06G

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	UNIT USAGE 6G	
				40,45	60,63,65

VALVE PLATE GROUP (CONT'D.)

B96	Disch. Valve Guide (1) 5F20-1322	AC			
B97	Discharge Valve (1) 5F20-1132	AC			
B98	Disch. Valve Spring (1) 5F20-1801	MP			
B99	Seal Lock Plate (1) 5F20-1201	AC			
B100	Cap Screw 1/4" - 28 x 1" (Lock Plate to Guide) (1) AB06BR-170	MP			
B101	Dowel Pin 3/16" x 3/4" (1) AX11AR-128	MP			
B102	Dowel Pin 1/4" x 1/2" (1) AX11AR-162	MP			
B103	Cap Screw 3/8" - 16 x 1" (Valve Plate to Crankcase)	MP	AA06BR-230	1	1
B104	Cap Screw Gasket 3/8"	MP	AU51YA-005	1	1

HANDHOLE COVER GROUP

B105	Handhole Cover Assembly (Control Valve)	AC	6G45-A134	1	1
	Includes:				
B106	Handhole Cover Gasket (1) 6G45-1042	AC			
B107	Hydraulic Relay (Aux. Contr. Valve)				
	Replacement not recommended (1)				
B108	Socket Head Cap Screw (2) AB44AA-206	NS			
B109	Cap Screw Gasket (1) AU51YA-004	MP			
B110	Relief Valve Piston (1) 5H40-3061	AC			
B111	Relief Valve Spring (1) 6F25-1051	AC			
B112	Retaining Ring (1) AU47AA-031	AC			
B113	Relief Valve Washer (1) 5H40-3081	MP			
	Sight Glass Package (1) 5F20-152	AC			
	Includes:				
B114	Sight Glass	NSS			
B115	Gasket (1) 5F20-1631	MP			
	Control Valve Assembly Pkg. (1) 5F40-721	AC			
	Includes:				
NS	11 lb. Spring (R22) (1) EB39CZ-001	AC			
B116	Valve Gasket, Inner (1) 5H40-2001	MP			
B117	Valve Gasket, Outer (1) 5H40-1411	MP			
	Control Valve Assy. (1) 5F40-193	AC			
	Includes:				
B118	7 lb. Spring (R12,R500) (1) 5F-88206	NS			
B119	External Valve Assy. (1) 5F-88213	NS			
B120	Valve Body w/Bellows (1) 05HG660014	AC			
B121	Handhole Cover (Plain)	NS	6G45-1094	1	1
B122	Handhole Cover Gasket (Plain Cover)	MP	5F40-1042	1	1
B123	Cap Screw 3/8" - 16 x 2 1/4"	MP	AA06BR-236	2	2
B124	Cap Screw Gasket 3/8"	MP	AU51YA-005	2	2
B125	Angle Valve 1/4 MPT x 1/4 Flare	AC	EP23LC-090	1	1



COMPRESSORS

6G,06G

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	UNIT USAGE 6G	
				40,45	60,63,65
ACCESSORY GROUP					
	Handhole Cover w/Equalizer Connections	AP	5F40-703	1	1
	Muffler for use with Remote Condensers	AP	5F40-683	1	1
	Vibration Absorbing Mounting Rails	AP	6G40-202	1	1
	Electrical Compensated Capacity Control Package - Latest Design Bevel Gear Type - Minn. Honeywell Barber-Colman	AP	5F40-807*	1	1
	Includes:	On	On		
		5F40-777	5F40-787		
	Control Motor	(1)	HF25AA-001	NS	
			(1) HF12CB-116	NS	
	Transformer	(1)	HT01AA-115	NS	
	Relay	(1)	HN61DJ-005	NS	
	Bevel Gear Assembly	(1)	5F40-A772	NS	
			(1) 5F40-A762	NS	
	Bevel Gear Assembly	(1)	(1) 5F40-791	AC	
	Special Stud	(4)	(4) 5F40-4912	AC	
	Support Plate	(1)	(1) 5F40-2243	NS	
	Outer Valve Assembly	(1)	(1) 5F40-A782	NS	
	Hex Head Screw				
	1/4" - 20 x 1"	(4)	(3) AA06BR-170	NS	
	Machine Screw Nut				
	1/4" - 20	(4)	(3) AT39AB-171	AC	
	Plain Washer 1/4	(1)	(1) AU01AB-171	MP	
	Lock Washer 1/4	(1)	(1) AU11AS-171	MP	
	Flanged Bearing	(1)	(1) KT66CX-031	NS	
	Hex Hd. Cap Screw				
	1/4" - 20 x 3/8"	(2)	(2) AA06BS-164	NS	
	Flat Hd. Machine Screw				
	1/4" - 20 x 1/2"	(4)	(4) AC27FR-166	NS	
	Grease Fitting	(1)	(1) CW12CB-502	NS	
	Cap Screw Gasket	(1)	(1) AU51YA-005	MP	
	Parts for Electrical Compensated Capacity Control- Early Design Spur Gear Type - (Motor, Relay & Transformer are the same as shown above).				
	Spur Gear - 3" P.D. for Minn. Honeywell	NS	5F40-771	1	1
	2 1/2" P.D. for Barber Colmen	NS	5F40-761	1	1
	Spur Gear - 5/8" P.D.	AC	5F40-751	1	1
	Support Bracket	NS	5F40-4702	1	1
	Motor Bracket	NS	5F40-2183	1	1
	Control Valve Assembly	NS	5F40-A332	1	1
	Cone Pt. Set Screw	NS	5F40-3791	1	1
	*Note: Same as 5F40-777 except transformer HT01AA115 (115V) is changed to transformer HT01AA120 (230V).				