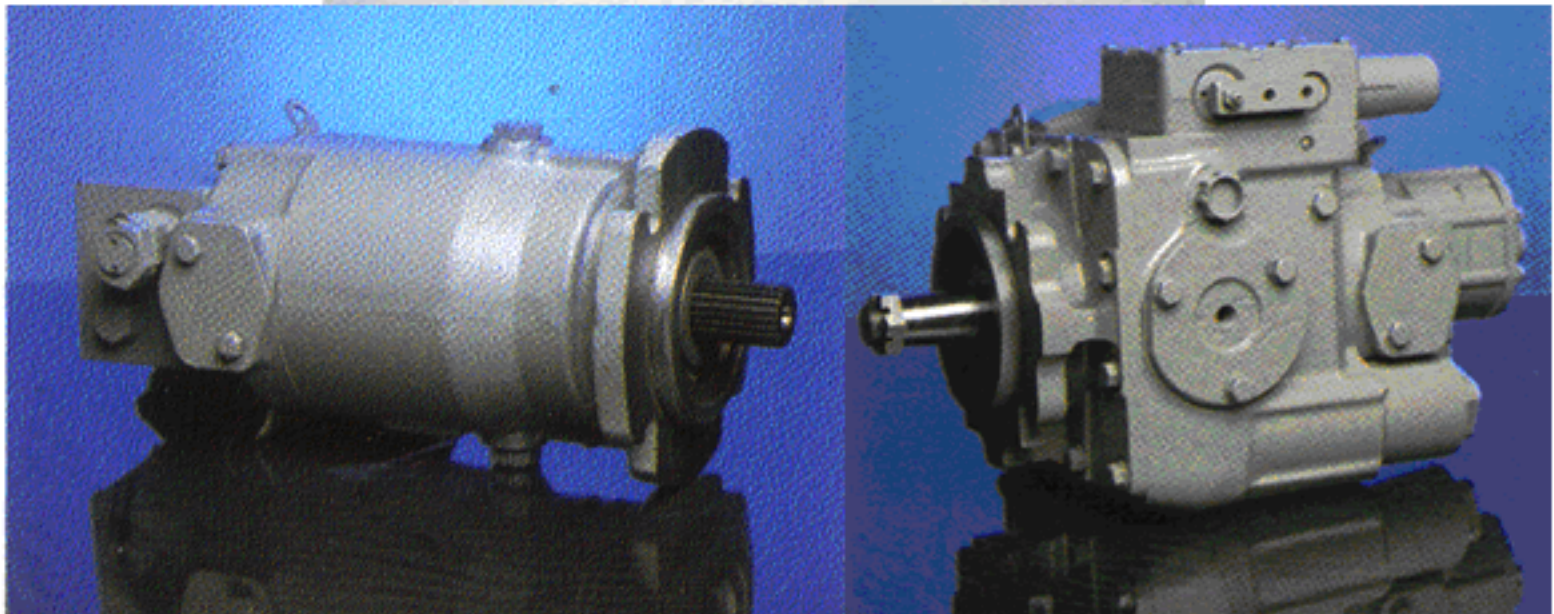
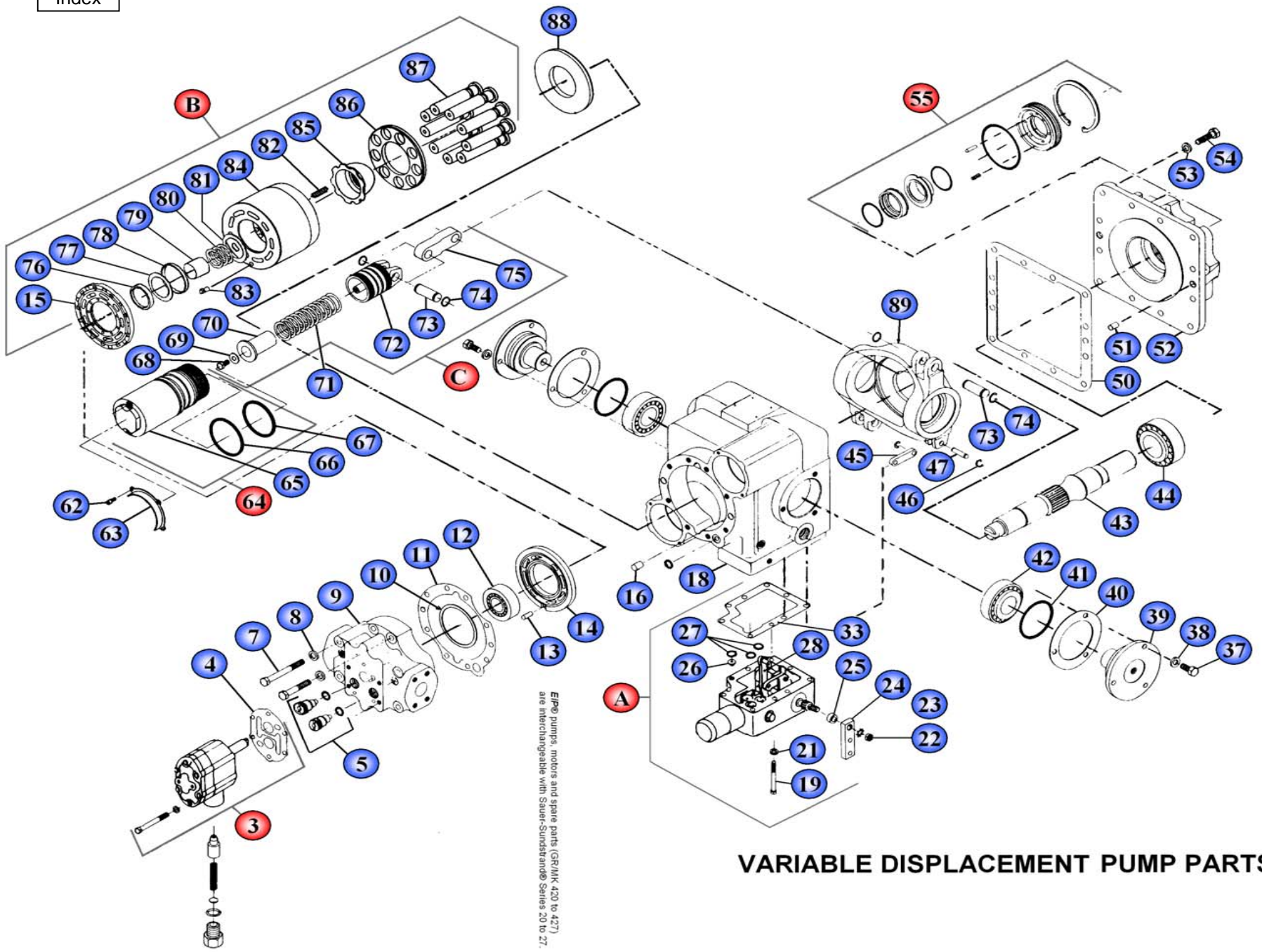


European Industrial Products



**5785 ADVANTAGE COVE
MEMPHIS, TENNESSEE 38141
Tel. (800) 937-3231 (901) 375-0011
Fax (901) 375-4002
EMAIL info@eip.us.com**

Index



VARIABLE DISPLACEMENT PUMP PARTS

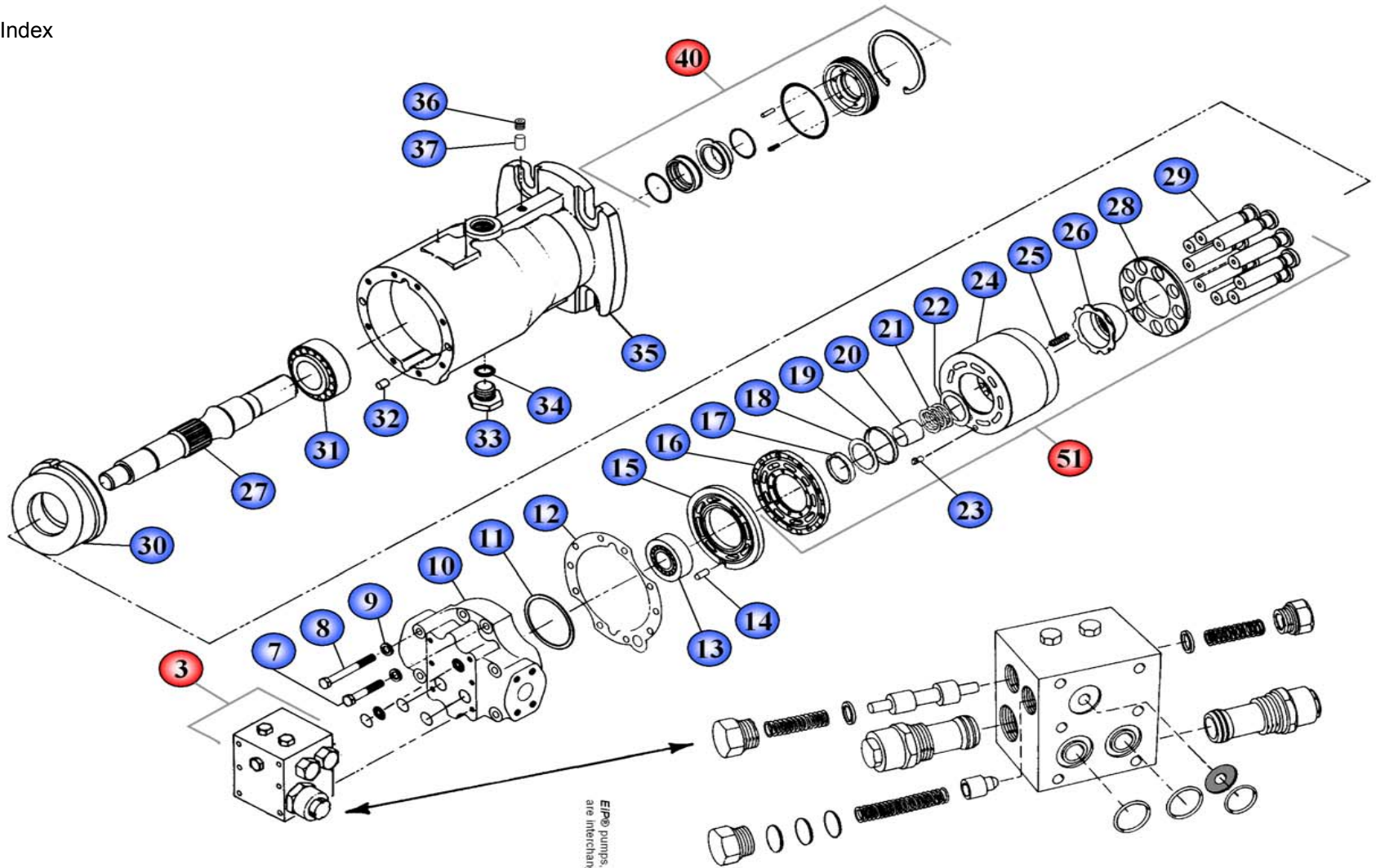
ELPE pumps, motors and spare parts (GRIMK 420 to 427) are interchangeable with Sauer-Sundstrand® Series 20 to 27.

© 1995, European Industrial Products, Inc. All rights reserved. All registered trademarks, manufacturer's name, model numbers and/or descriptions are used for reference purposes ONLY. It is not implied that any items mentioned are products of the Sundstrand Company. Sauer-Sundstrand® is a registered trademark of the Sauer-Sundstrand Company.

VARIABLE DISPLACEMENT PUMP PARTS

Index		PART ITEMS							
PIC NUM	DESCRIPTION	GR420	GR421	GR422	GR423	GR424	GR425	GR426	GR427
63	SERVO CAN RETAINER	49200087	49200087	49220419	49220419	49240076	49240076	49270178	49270178
64	SERVO CAN KIT	49510206	49510206	49510207	49510207	49510208	49510208	49510707	49510707
65	SERVO CAN	49200528	49200528	49221149	49221149	49240234	49240234	49260282	49270596
66	O-RING	49004100-1390	49004100-1390	49004100-1430	49004100-1430	49004100-1510	49004100-1510	49004100-1560	49004100-1560
67	O-RING	49004100-1360	49004100-1360	49004100-1410	49004100-1410	49004100-1500	49004100-1500	49004100-2430	49004100-2430
68	SCREW	49007575-0005	49007575-0005	49007276-0012	49007276-0012	49007276-0054	49007200-3112	49007276-0014	49007276-0014
69	WASHER	49009625-2604	49009625-2604	49009625-2601	49009625-2601	49009625-3801	49009625-3801	49009625-3901	49009625-3901
70	SERVO GUIDE	49210046	49210046	49220479	49220479	49240087	49240087	49270234	49270234
71	SPRING	49210529	49210529	49230583	49230583	49250400	49250400	49270236	49270236
72	SERVO PISTON	49200488	49200488	49221012	49221012	49240297	49240297	49270355	49270355
73	PIN	49004830-0001	49004830-0001	49004830-0002	49004830-0002	49004830-0003	49004830-0003	49004830-0004	49004830-0004
74	CLIP	49006300-0050	49006300-0050	49006300-0062	49006300-0062	49006300-0075	49006300-0075	49006300-0087	49006300-0087
75	SERVO PISTON LINK	49200467	49200467	49221017	49230600	49240081	49250149	49260142	49270165
76	PILOT RING	49200179	49210308	49220633	49230707	49240135	49250628	49260358	49270656
77	RETAINING RING	490062000-0175	49006250-0212	49006250-0231	49006250-0250	49006250-0275	49006250-0314	49006250-0343	49006250-0400
78	RETAINER SPRING	49200336	49210014	49220043	49230014	49240014	49250179	49260014	49270209
79	SPRING GUIDE	49200015	49210015	49220015	49230015	49240015	49250015	49250015	49270015
80	CYL. BLOCK SPRING	49200503	49220011	49221066	49230627	49240518	49250410	49260178	49270448
81	SPRING SEAT	49200013	49210013	49220042	49230013	49240013	49250013	49260013	49270013
82	RETAINER SPRING	49200545	49210577	49221105	49230655	49240393	49250471	49260232	49270496
83	CYL. BLOCK PIN	49200228	49200228	49240217	49240217	49240217	49240217	49260088	49260088
84	CYL. BLOCK	49200544	49210576	49221102	49230651	49240394	49250470	49260231	49270495
85	BALL GUIDE	49200124	49210219	49220500	49230158	49240097	49250073	49260047	49270105
86	RETAINER PLATE	49200158	49210292	49220628	49230234	49240125	49250170	49260072	49270486
87	PISTON KIT OF 3	49200499	49510408-0010	49510408-0001	49510408-0002	49510408-0004	49510408-0005	49510408-0006	49510408-0009
88	THRUST PLATE	49200159	49210293	49220626	49230235	49240124	49250171	49260073	49270482
89	SWASH PLATE	49200201	49210279	49220570	49230225	49240197	49250164	49260152	49270462
	OVERHAUL GASKET KIT	49510224	49510227	49510230	49510233	49510236	49510239	49510316	49510242
A	CONTROL VALVE KIT	49510368-2001	49510368-2001	49510368-2001	49510368-2002	49510368-2005	49510368-2006	49510368-2006	49510368-2007
B	CYL. BLOCK KIT	49200546	49210578	49221448	49230973	49240433	49250685	49260369	49270658
C	SERVO PISTON KIT	49200497	49200497	49221049	49230603	49240236	49250299	49260143	49270357

Index



FIXED DISPLACEMENT MOTOR PARTS

EIP® pumps, motors and spare parts (GR/MK 420 to 427) are interchangeable with Sauer-Sundstrand® Series 20 to 27.

FIXED DISPLACEMENT MOTOR PARTS

Index		PART ITEMS							
PIC NUM	DESCRIPTION	GR420	GR421	GR422	GR423	GR424	GR425	GR426	GR427
3	MANIFOLD BLOCK KIT	49510648-XXXX	49510648-XXXX	49510648-XXXX	49510648-XXXX	49510648-XXXX	49510648-XXXX	49510648-XXXX	49510648-XXXX
7	SCREW	49007200-3728	49007200-3728	49007200-3728	49007200-3728	49007200-3728	49007200-6238	49007200-7542	49007200-7542
8	SCREW	49007200-3736	49007200-3736	49007200-3736	49007200-3736	49007200-3736	49007200-6248	49007200-7552	49007200-7552
9	WASHER	49009610-4069	49009610-4069	49009610-4069	49009610-4069	49009610-4069	49009610-6690	49009610-8092	49009610-8092
10	1-3000 END CAP	49200434	49210490	49220998	49230566	49240284			
10A	1-6000 END CAP	49200439	49210442	49220999	49230570	49240294	49250480	49260146	49270409
11	END CAP SHIM	49510423-0001	49510423-0002	49510423-0003	49510423-0004	49510423-0005	49510423-0006	49510423-0007	49510423-0008
12	END CAP GASKET	49200088	49210204	49220425	49230127	49240549	49250152	49260144	49270710
13	REAR SHAFT BRG.	49510250	9510253	49510255	49510258	49510261	49510263	49510266	49510386
14	END CAP PIN	49004800-3110	49004800-3110	49004800-3110	49004800-3110	49004800-3110	49004800-3110	49004800-3110	49004800-3110
15	VALVE PLATE	49200430	49210480	49220992	49230562	49240279	49250629	49260357	49270655
16	BEARING PLATE	49200216	49210337	49220739	49230288	49240150	49250627	49260321	49270657
17	PILOT RING	49200179	49210308	49220633	49230707	49240135	49250628	49260358	49270656
18	RETAINING RING	490062000-0175	49006250-0212	49006250-0231	49006250-0250	49006250-0275	49006250-0314	49006250-0343	49006250-0400
19	RETAINER SPRING	49200336	49210014	49220043	49230014	49240014	49250179	49260014	49270209
20	SPRING GUIDE	49200015	49210015	49220015	49230015	49240015	49250015	49250015	49270015
21	CYL. BLOCK SPRING	49200503	49220011	49221066	49230627	49240317	49250410	49260178	49270448
22	SPRING SEAT	49200013	49210013	49220042	49230013	49240013	49250013	49260013	49270013
23	CYL. BLOCK PIN	49200228	49200228	49240217	49240217	49240217	49240217	49260088	49260088
24	CYL. BLOCK	49200544	49210576	49221102	49230651	49240394	49250470	49260231	49270495
25	RETAINER SPRING	49200545	49210577	49221105	49230655	49240393	49250471	49260232	49270496
26	BALL GUIDE	49200124	49210219	49220500	49230158	49240097	49250073	49260047	49270105
27	SHAFT	SEE MOTOR DRIVE SHAFT OPTION TABLE							
28	RETAINER PLATE	49200158	49210292	49220628	49230234	49240125	49250170	49260072	49270486
29	PISTON KIT OF 3	49200499	49510408-0010	49510408-0001	49510408-0002	49510408-0004	49510408-0005	49510408-0006	49510408-0009
30	SWASH PLATE	49200197	49210318	49220689	49230270	49240641	49250685	49260150	49270658
31	FRONT SHAFT BRG.	49510251	49510251	49510256	49510259	49510259	49510264	49510267	49510270
32	DOWEL PIN	49004800-3708	49004800-3708	49004800-3708	49004800-3708	49004800-3708	49004810-5012	49004810-5012	49004810-5012
33	PLUG	49005101-8700	49005101-8700	49005101-8700	49005101-8700	49005101-8700	49005101-9200	49005101-9200	49005101-9200
34	O-RING	49004201-6200	49004201-6200	49004201-6200	49004201-6200	49004201-6200	49004201-9000	49004201-9000	49004201-9000
35	FIXED MOTOR HOUSING	49200077	49210210	49220416	49230132	49240068	49250645	49260149	49270485
36	HOUSING PLUG		49005001-1200	49005001-1200	49005001-1200	49005001-1200	49005100-5600	49005100-5600	49005100-5600
37	PIN		49004875-0079	49004800-3112	49004800-3116	49004800-3116	49004800-3721	49270388	49270388
40	SHAFT SEAL	49510189	49510189	49510189	49510190	49510190	49510190	49510275	49510191
51	CYL. BLOCK KIT	49200546	49210578	49221448	49230973	49240433	49250685	49260369	49270658
	OVERHAUL GASKET KIT	49510225	49510228	49510231	49510234	49510237	49510240	49510317	49510243

VARIABLE PUMPS DRIVE SHAFT OPTIONS

Max OD/ Remarks

20 SERIES

49200225	21 SPLINE
49200289	14 SPLINE
49200268	STRAIGHT KEY

21 SERIES

49210205	21 SPLINE
49210428	14 SPLINE
49210538	STRAIGHT KEY

22 SERIES

49220417	21 SPLINE
49220944	14 SPLINE
49220527	20 SPLINE
49220884	TAPARED KEY
49221065	STRAIGHT KEY

23 SERIES

49230325	21 SPLINE
49230476	14 SPLINE
49230173	23 SPLINE
49230147	27 SPLINE
49230445	TAPERED KEY
49230626	STRAIGHT KEY

24 SERIES

49240215	13 SPLINE
49240153	27 SPLINE
49240231	TAPERED KEY
49240316	STRAIGHT KEY

25 SERIES

49250327	13 SPLINE
49250272	27 SPLINE
49250293	TAPERED KEY
49250409	STRAIGHT KEY

26 SERIES

49260140	13 SPLINE
49260423	27 SPLINE
49260176	STRAIGHT KEY

27 SERIES

49270422	15 SPLINE
49270389	40 SPLINE
49240427	STRAIGHT KEY

FIXED MOTORS DRIVE SHAFT OPTIONS

Max OD/ Remarks

20 SERIES

49200420	21 SPLINE
49200288	14 SPLINE
49200517	STRAIGHT KEYED SHAFT

21 SERIES

49210206	21 SPLINE
49210468	14 SPLINE
49210547	STRAIGHT KEY

22 SERIES

49220399	21 SPLINE
49220976	14 SPLINE
49220530	20 SPLINE
49221094	STRAIGHT KEY

1.3585
1.2293
1.2960
1.375

23 SERIES

49230325	21 SPLINE
49230476	14 SPLINE
49230173	23 SPLINE
49230147	27 SPLINE
49230626	STRAIGHT KEY

24 SERIES

49240216	13 SPLINE
49240065	27 SPLINE
49240320	STRAIGHT KEY

25 SERIES

49250379	13 SPLINE
49250269	27 SPLINE
49250415	STRAIGHT KEY

26 SERIES

49260151	13 SPLINE MOTOR SHAFT
49260198	27 SPLINE MOTOR SHAFT
49260181	KEYED SHAFT MOTOR

27 SERIES

49270423	15 SPLINE
49270148	40 SPLINE
49270451	STRAIGHT KEY