

| DRW. NO. | DESCRIPTION | METARIS NO. | ALTERNATIVE NO. |
|----------|---|---------------|-----------------|
| 1 | SHAFT BEARING SNAP RING | X05-03-56200 | 391-2686-063 |
| 2 a | BEARING SPACER (IN PLACE OF SHAFT BEARING) | A30-92-38520 | 391-3383-069 |
| 2 b | INPUT SHAFT BEARING | X03-16-12552 | 391-0381-040 |
| 3 | MOTOR SEAL RETAINER USED WITH SHAFT BEARING OR SPACER | A20-60-10000 | 391-3381-040 |
| 4 a | PUMP LIP SEAL FOR CONTINENTAL SHAFT ONLY | X89-11-02508 | 391-2883-107 |
| 4 b | MOTOR LIP SEAL FOR CONTINENTAL SHAFT ONLY | X83-36-02509 | 391-2883-126 |
| 4 c | PUMP LIP SEAL FOR SHAFT END COVER | X83-11-02708 | 391-2883-058 |
| 4 d | MOTOR LIP SEAL | X83-36-02709 | 391-2883-119 |
| 5 a | 20 6 BOLT ROUND WITH 2.625" OR 66,67 mm PILOT PUMP S.E.C. TYPE 05 | A20-10-21650 | 308-5043-201 |
| 5 b | 20 PAD PILOT PUMP TYPE 2 S.E.C. TYPE 10 | A20-10-22100 | 308-5016-203 |
| 5 c | 20 4 BOLT CLOVERLEAF PILOT TYPE 2 PUMP S.E.C. TYPE 27 | A20-10-22460 | 308-5036-201 |
| 5 d | 20 4 BOLT B PILOT PUMP S.E.C. TYPE 42 (4" or 101,6 mm pilot) | A20-10-21420 | 308-5030-201 |
| 5 e | 20 2/4 BOLT B PILOT PUMP S.E.C. TYPE 46 (4" or 101,6 mm pilot) | A20-10-21320 | 308-5053-202 |
| 5 f | 20 2 BOLT A PILOT PUMP S.E.C. TYPE 94 (3 1/4" or 82,55 mm pilot) | A20-10-21210 | 308-5020-204 |
| 5 g | 20 2 BOLT B PILOT PUMP S.E.C. TYPE 97 (4" or 101,6 mm pilot) | A20-10-21220 | 308-5020-201 |
| 5 h | 20 2 BOLT B PILOT TYPE 2 PUMP S.E.C. TYPE 96 (4" or 101,6 mm pilot) | A20-10-22220 | 308-5029-205 |
| 5 i | 20 6 BOLT ROUND WITH 2.625" or 66,67 mm PILOT MOTOR S.E.C. TYPE 05 | A20-10-41650 | 308-5043-401 |
| 5 j | 20 4 BOLT B PILOT MOTOR S.E.C. TYPE 42 (4" or 101,6 mm pilot) | A20-10-41420 | 308-5030-401 |
| 5 k | 20 2/4 BOLT B PILOT MOTOR S.E.C. TYPE 46 (4" or 101,6 mm pilot) | A20-10-41320 | 308-5053-402 |
| 5 L | 20 2 BOLT A PILOT MOTOR S.E.C. TYPE 94 (3 1/4" or 82,55 mm pilot) | A20-10-41210 | 308-5020-404 |
| 5 m | 20 2 BOLT B PILOT MOTOR S.E.C. TYPE 97 (4" or 101,6 mm pilot) | A20-10-41220 | 308-5020-401 |
| 6 | CASE DRAIN PLUG | X02-03-22060 | 391-2282-056 |
| 7 a | CHECK VALVE MOTOR | A00-75-11000 | 391-3681-001 |
| 7 b | PRESSURE PLUG PUMP | X02-03-32110 | 391-2286-004 |
| 8 | RING SEAL | X81-76-02706 | 391-2585-006 |
| 9 | ROLLER BEARING (Ø 1.687" O.D.) | X03-25-12743 | 391-0381-068 |
| 10 | PUMP & MOTOR THRUST PLATE | A30-70-10000 | 391-2185-013 |
| 11 | POCKET SEAL | X85-11-00002 | 391-2882-086 |
| 12 a | SHAFT & GEAR TYPE 30 (0.875" Ø x 1/4" x 3/8" x 1" key) | A30-50-XX125 | 312-29XX-730 |
| 12 b | SHAFT & GEAR TYPE 25 (0.875" Ø - 13-Tooth spline) | A30-50-XX225 | 312-29XX-230 |
| 12 c | SHAFT & GEAR TYPE 43 (1.00" Ø x 1/4" x 3/8" x 1 1/4" key) | A30-50-XX135 | 312-29XX-740 |
| 12 d | SHAFT & GEAR TYPE 67 TYPE 2 (0.875" Ø x 1/4" x 3/8" x 1" key) | A30-50-XX132 | 312-29XX-940 |
| 12 e | SHAFT & GEAR TYPE 66 TYPE 2 (0.875" Ø x 1/4" x 3/8" x 1" key) | A30-50-XX126 | 312-29XX-930 |
| 12 f | SHAFT & GEAR TYPE 65 TYPE 2 (0.875" Ø - 13-Tooth spline) | A30-50-XX226 | 312-29XX-430 |
| 13 | PUMP & MOTOR HOUSING GASKET | X85-11-09203 | 391-2884-019 |
| 14 | PUMP & MOTOR GEAR HOUSING | A20-32-XX000 | 308-80XX-100 |
| 15 a | 20 MOTOR BEARING CARRIER BLANK | A20-40-00000 | 308-7300-100 |
| 15 b | 20 PUMP BEARING CARRIER WITH COMMON PASSAGE | A20-40-20000 | 308-7363-100 |
| 16 | CONNECTING SHAFT | A30-50-00500 | 312-1133-001 |
| 17 | GEAR SET ONLY | A30-50-XX000 | 312-28XX-000 |
| 18 | 20 PUMP & MOTOR PORT END COVER | A20-22-00000 | 308-3100-100 |
| 19 | FLAT WASHER (9/16") | X45-19-15005 | 391-3782-146 |
| 20 | BOLTS / STUDS (9/16" UNC) | See page | Fasteners |
| 21 | HEX NUT (9/16" UNC) | X42-11-14012 | 391-1451-115 |
| 22 a | CONTINENTAL SHAFT TYPE 30 (0.875" Ø x 1/4" x 3/8" x 1" key) | A30-50-00121 | 312-1500-300 |
| 22 b | CONTINENTAL SHAFT TYPE 30 Long (0.875" Ø x 1/4" x 3/8" x 1" key) | A30-50-00124 | 312-1135-192 |
| 22 c | CONTINENTAL SHAFT TYPE 7 (1.250" Ø - 14-tooth spline, Continental only) | A30-50-00241 | 312-1135-133 |
| 22 d | CONTINENTAL SHAFT TYPE 25 (0.875" Ø - 13-Tooth spline) | A30-50-00221 | 312-1135-138 |
| 22 e | CONTINENTAL SHAFT TAPERED TYPE 32 (Clutch pump shaft with woodruff key) | SPECIAL ORDER | 312-1500-001 |
| 22 f | CONTINENTAL SHAFT TYPE 43 (1.00" Ø x 1/4" x 3/8" x 1 1/4" key) | A30-50-00131 | 312-1500-400 |
| 22 g | CONTINENTAL SHAFT TYPE 43 Long (1.00" Ø x 1/4" x 3/8" x 1 1/4" key) | A30-50-00134 | 312-1135-193 |
| 22 h | CONTINENTAL SHAFT TYPE 12 (0.750" Ø x 3/16" x 3/16" 1 9/16" key) | A30-50-00169 | 312-1135-152 |
| 22 i | CONTINENTAL SHAFT THREADED & KEYED END TYPE 15 (5/8"-18UNF+1/4"x3/8"x7/8"key) | A30-50-00127 | 312-1135-171 |
| 22 j | CONTINENTAL SHAFT TYPE 95 (0.625" Ø x 9-tooth spline) | A30-50-00211 | 312-1000-200 |
| 23 | CONTINENTAL SHAFT BRG. RETAINER SNAP RING | X05-02-28110 | 391-2685-011 |
| 24 | CONTINENTAL SHAFT BRG. RETAINER | A20-60-20000 | 312-0100-002 |

MH 20 CONTINUED

| DRW. NO. | DESCRIPTION | METARIS NO. | ALTERNATIVE NO. |
|-----------|----------------------------------|--------------|-----------------|
| Not Shown | SHAFT KEY FOR TYPE 12 SHAFT | X01-02-50540 | 391-1781-075 |
| Not Shown | SHAFT KEY FOR TYPE 43 & 67 SHAFT | X01-01-61032 | 391-1781-021 |
| Not Shown | SHAFT KEY FOR TYPE 30 & 66 SHAFT | X01-01-61025 | 391-1781-025 |
| Not Shown | SHAFT KEY FOR TYPE Spl. SHAFT | X01-01-61044 | 391-1781-020 |

NOTE (eg.) The **XX** shown in the part number is in place of the size the true value must be placed into the part number when ordering parts.
 Gear set no. A30-50-XX000 changes to A30-50-15000 for 1.5" gear size
 Housing no. A20-32-XX000 changes to A20-32-15000 for a 1.5" housing size
 No porting sizes have been indicated all porting must be specified when ordering parts.

