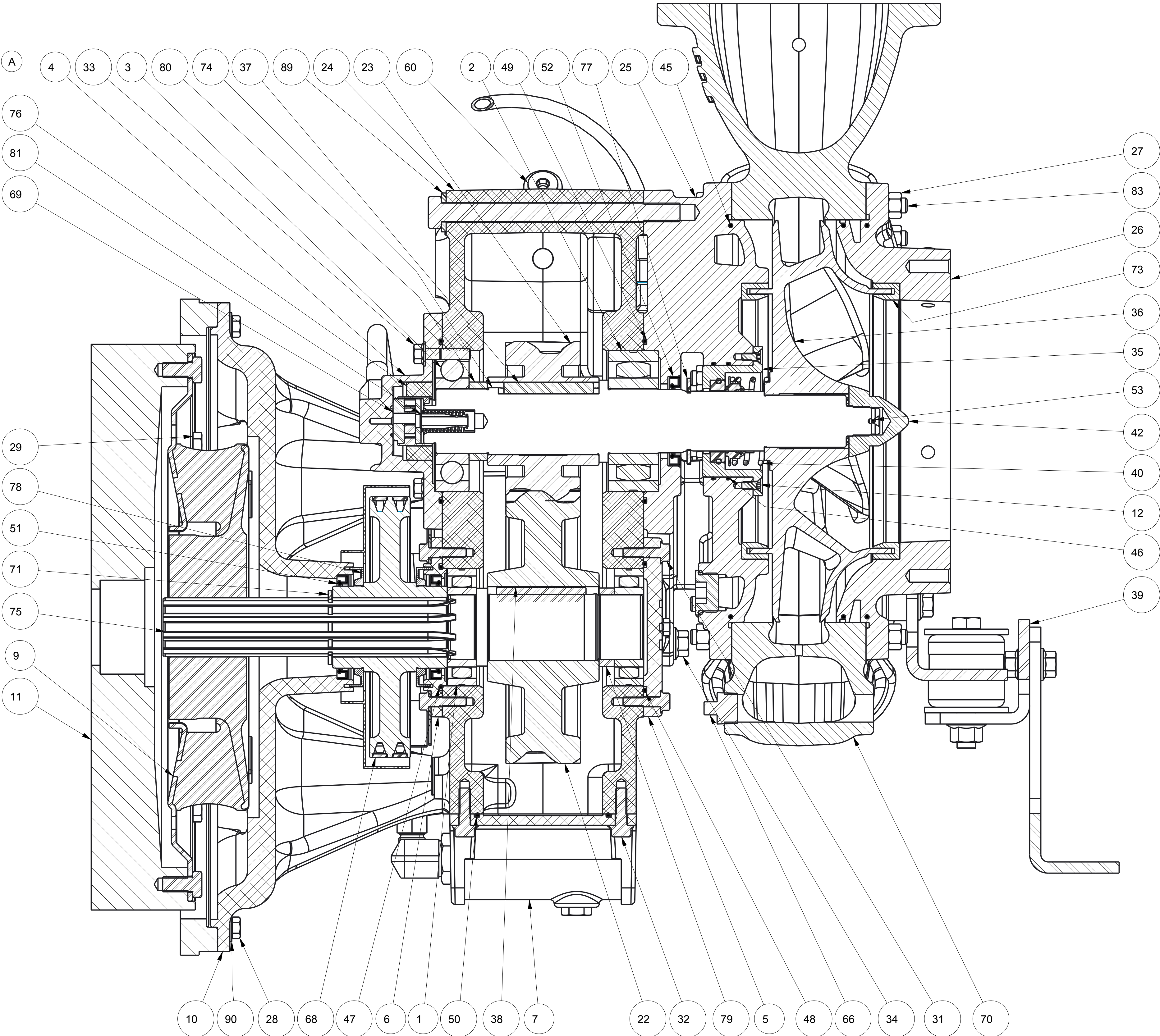
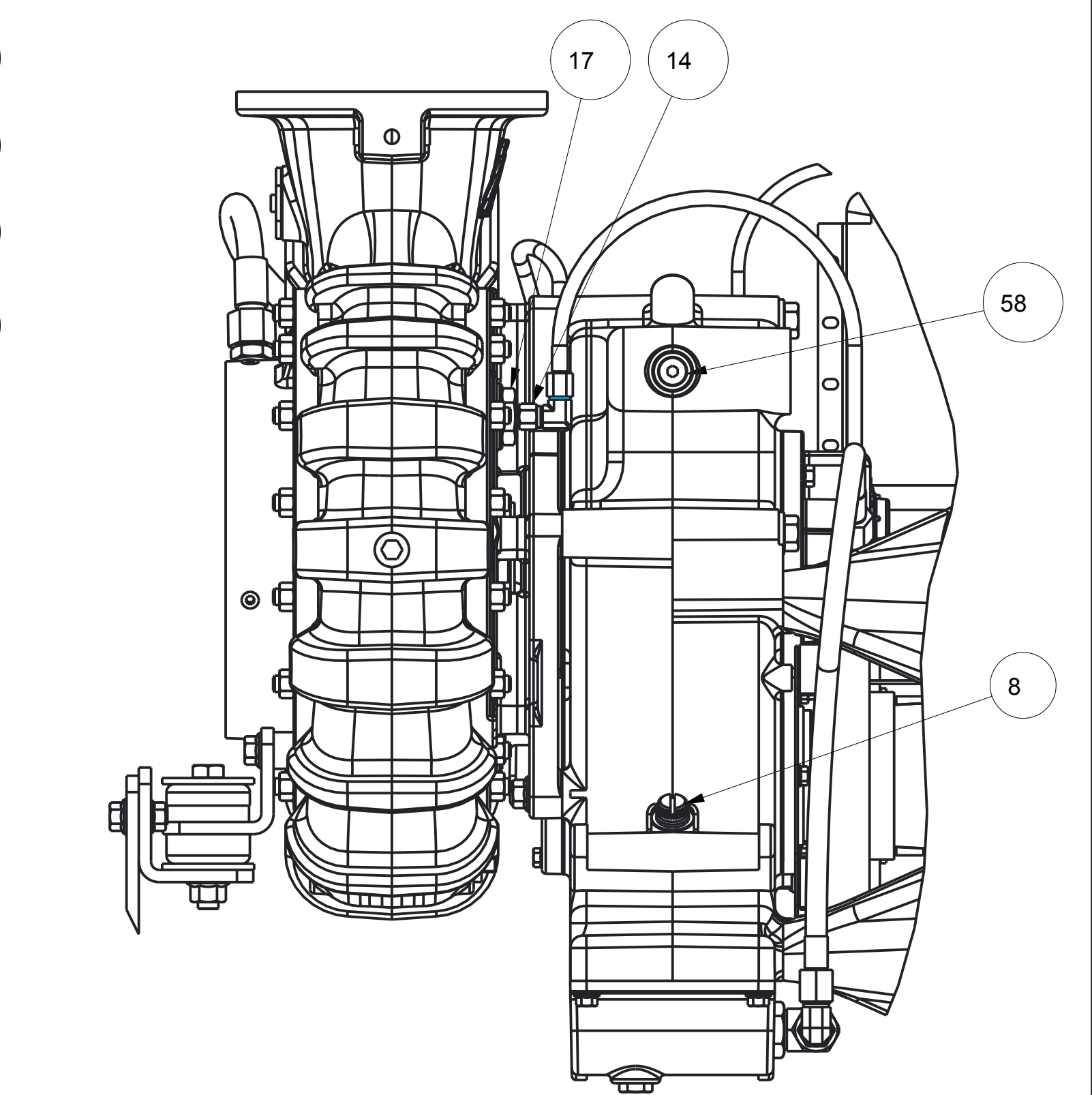
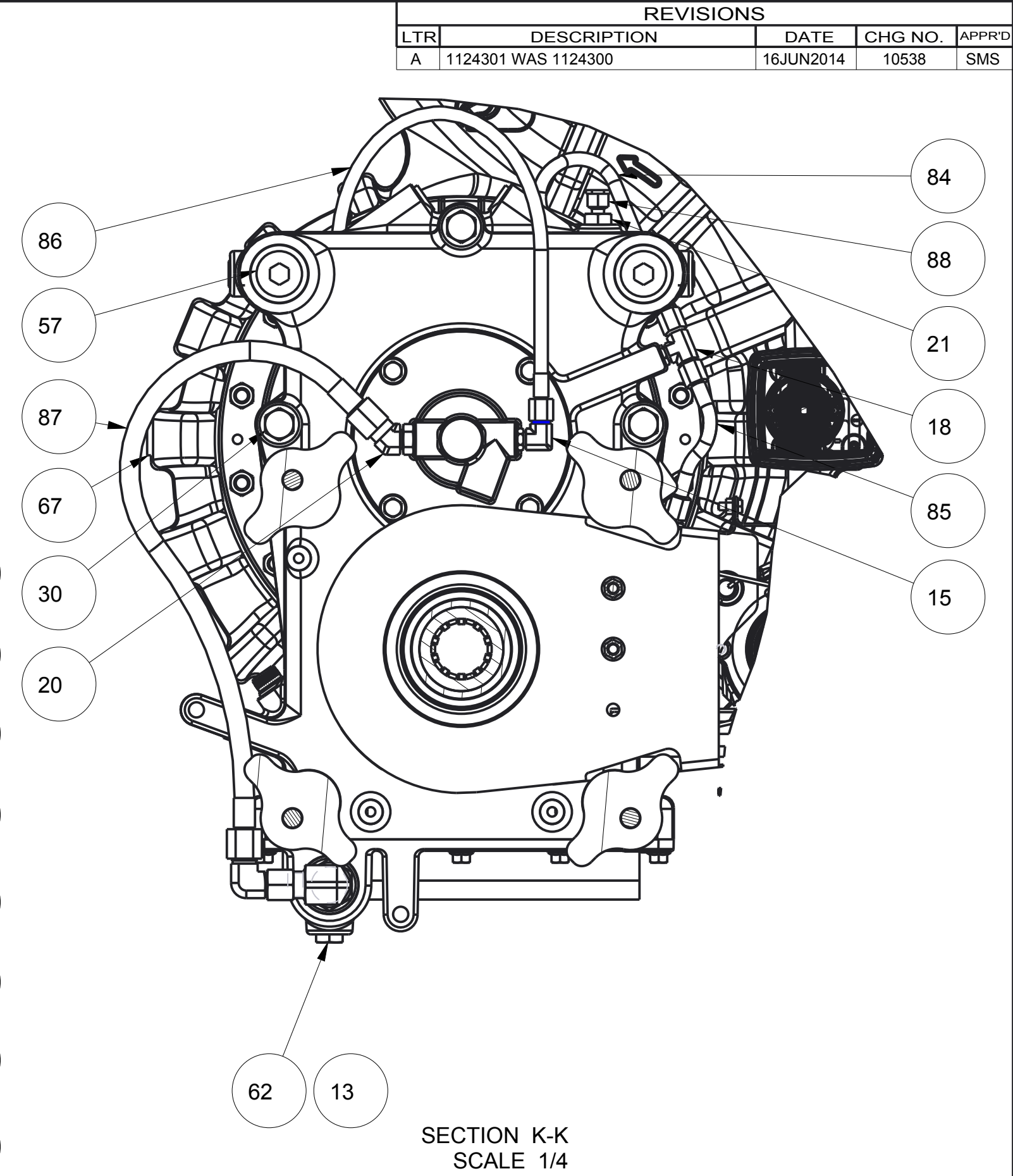


| NO. | DESCRIPTION                          | PART NO.         | QTY. |
|-----|--------------------------------------|------------------|------|
| 1   | BEARING - 22211E C3                  | 1726300          | 2    |
| 2   | BEARING - 22311E C3                  | 1726100          | 1    |
| 3   | BEARING - BALL, 6311.C3              | 1725900          | 1    |
| 4   | CAP - BEARING, IMPELLER, ZSE         | 2313303          | 1    |
| 5   | CAP - BRG, INPUT, REAR, ZSE          | 2314701          | 1    |
| 6   | CAP - BRG, INPUT, ZSE 2 GEAR         | 2314501          | 1    |
| 7   | COVER - OIL SUMP, ZSE 2 GEAR         | 2509200          | 1    |
| 8   | DIPSTICK - -10 MORB PORT             | 4229105          | 1    |
| 9   | DRIVE DISC - VKE 4011S-4000/14       | 2006500          | 1    |
| 10  | ENGINE ADAPTER, ZSE, SAE 1           | 2006600          | 1    |
| 11  | ENGINE SIMULATION - SAE 14 FLYWHEEL  | X8353            | 1    |
| 12  | FHMS - .250-20 x 0.63, SS            | 5402402          | 4    |
| 13  | FILTER - LUBE PUMP, 100 MESH         | 1124301          | 1    |
| 14  | FTG - .38 JIC FE X .38 JIC MALE X 90 | 3501596          | 2    |
| 15  | FTG - .38 JICM X 9/16-18, SAE ORB    | 3501567          | 1    |
| 16  | FTG - .38 JICM X 9/16-18, SAE ORB    | 3501576          | 1    |
| 17  | FTG - 1.00 ORB MALE X -06 JIC MALE   | 3501574          | 2    |
| 18  | FTG - BRANCH TEE ADJUSTABLE, .38     | 3501609          | 1    |
| 19  | FTG - SWIVEL ELBOW, .62              | 3501583          | 1    |
| 20  | FTG-.88JICM RIGX.75MORB SVL 45       | 3501608          | 1    |
| 21  | FTG-.88MORB RIGIDX1/8NPT FEMAL       | 3501634          | 1    |
| 22  | GEAR - DRIVE, 51T, 6DP, RH, PTO      | 2719305          | 1    |
| 23  | GEAR - PINION, 6 DP, LH, 29 T        | 2720410          | 1    |
| 24  | GEARCASE - 2 GEAR ZSE                | 1806300          | 1    |
| 25  | HEAD - INBOARD, ZS                   | 2812600          | 1    |
| 26  | HEAD - SUCTION, ZS                   | 2812700          | 1    |
| 27  | HEX NUT - .500-13, GR 2              | 5403005          | 30   |
| 28  | HHCS - .438-14 x 1.25, GR5           | 5400060          | 12   |
| 29  | HHCS - .500-13 x 1.00, GR8           | 5400687          | 8    |
| 30  | HHCS - .625-11 x 8.00, GR5           | 5400108          | 7    |
| 31  | HHCS - FLANGED, .313-18 X 1.25       | 5402844          | 4    |
| 32  | HHCS - FLANGED, .375-16 X 1.25       | 5402856          | 8    |
| 33  | HHCS - FLANGED, .375-16 X 1.50       | 5402860          | 4    |
| 34  | HHCS - FLANGED, .500-13 X 1.75       | 5402853          | 2    |
| 35  | HOUSING - MECHANICAL SEAL, ZS        | 1846200          | 1    |
| 36  | IMPELLER - ZS, L.H.                  | 2908600          | 1    |
| 37  | KEY - SQ., 0.38 X 3.00               | 3602407          | 1    |
| 38  | KEY - SQ., 0.50 x 3.00               | 3602456          | 1    |
| 39  | KIT-MOUNTING, ZSE SUCTION HEAD       | KM02100          | 1    |
| 40  | MECHANICAL SEAL - 2.00", ZS          | 1846300          | 1    |
| 41  | METAL TACK, 3/16 HEAD, .025 L        | 5402873          | 2    |
| 42  | NUT - IMPELLER, CONE, ZS             | 5403477          | 1    |
| 43  | O-RING - 0.75 x 0.94 x 0.09          | 3601138          | 2    |
| 44  | O-RING - 1.47 x 1.71 x 0.09          | 3601401          | 1    |
| 45  | O-RING - 13.00 x 12.75 x 0.12        | 3601272          | 3    |
| 46  | O-RING - 3.75 x 3.94 X 0.09          | 3601133          | 2    |
| 47  | O-RING - 3.88 x 4.12 x .12           | 3601252          | 1    |
| 48  | O-RING - 4.12 x 4.38 x 0.12          | 3601217          | 1    |
| 49  | O-RING - 5.25 x 5.50 x 0.12          | 3601232          | 2    |
| 50  | O-RING - 9.50 x 9.25 x 0.12          | 3601269 FORMED   | 1    |
| 51  | OIL SEAL - 2.750 ID X 3.505 OD       | 3600511          | 2    |
| 52  | OIL SEAL - 2.125 ID X 3.000 OD       | 3600571          | 1    |
| 53  | PIN - COTTER, .125 x 2.00, SST       | 3605207          | 1    |
| 54  | PIN - DOWEL, .375 X 0.625, GR8       | 3605410          | 2    |
| 55  | PIN - DOWEL, 0.156 x 0.50, GR8       | 3605407          | 1    |
| 56  | PLATE - SERIAL NO., .COM             | 1963109          | 1    |
| 57  | PLUG - 1 5/16-12 SAE ORB, HEX SOC    | 3501575          | 3    |
| 58  | PLUG - 3/4-16 SAE ORB, HEX SOC       | 3501573          | 2    |
| 59  | PLUG - 7/16-20 SAE ORB, HEX SOC      | 3501629          | 2    |
| 60  | PLUG - 7/8-14 SAE ORB, HEX SOC       | 3501632          | 3    |
| 61  | PLUG - 9/16-18 SAE ORB, HEX SOC      | 3501578          | 1    |
| 62  | PLUG - MAGNETIC, 3/4-16UNF           | 1080545          | 1    |
| 63  | PLUG - PIPE, 0.125, SST SOC HD       | 1080533          | 1    |
| 64  | PLUG - PIPE, 0.125, W/125 THRU       | 1080553          | 3    |
| 65  | PLUG - PIPE, 0.250, SST SOC HD       | 1080535          | 5    |
| 66  | PLUG - PIPE, 0.750 SST SQ HD         | 1080543          | 1    |
| 67  | PLUG - PIPE, 0.750, SST SOC HD       | 1080551          | 3    |
| 68  | PRIMER - BELT DRV, 24V               | AP02147_STANDARD | 1    |
| 69  | PUMP - HYD, INTERNAL GEAR, LUBE      | 4821020          | 1    |
| 70  | PUMP CASING - ZS                     | 2056400          | 1    |
| 71  | RING - RETAINER, SHR-200 STPA        | 3600443          | 1    |
| 72  | SCREEN STRAINER                      | 1122400          | 1    |
| 73  | SEAL RING - ZS                       | 3407500          | 2    |
| 74  | SHAFT - IMPELLER, ZS                 | 5022400          | 1    |
| 75  | SHAFT - INPUT, ZSE                   | 5023400          | 1    |
| 76  | SLEEVE - MEGATRANS, OIL PUMP         | 1887400          | 1    |
| 77  | SLINGER - WATER, ZS, 1.894 ID        | 3203210          | 1    |
| 78  | SLINGER - WATER, ZSP INPUT           | 3206700          | 2    |
| 79  | SPACER - 2.17 X 2.62 X .513          | 3309301          | 1    |
| 80  | SPACER - 2.17 x 2.63 x .611          | 3305202          | 1    |
| 81  | SPRING CARTRIDGE - OIL PUMP          | 4821100          | 1    |
| 82  | STRAINER - FITTING                   | 1122300          | 1    |
| 83  | STUD - 0.500-13 X 2.000, GR5         | 3606402          | 30   |
| 84  | TUBE - LUBE PUMP DISCH, ZSE          | 4434154          | 1    |
| 85  | TUBE - LUBE PUMP DISCH, ZSE          | 4434155          | 1    |
| 86  | TUBE - LUBE PUMP DISCH, ZSE          | 4434153 STANDARD | 1    |
| 87  | TUBE - LUBE PUMP SUCTION, ZSE        | 4432161          | 1    |
| 88  | VENT - GEARCASE, 1/8 NPT MALE        | 4401801          | 1    |
| 89  | WASHER - FLAT, .641 X 1.303 X .160   | 3603825          | 7    |
| 90  | WASHER - FLAT, 0.4375 ID             | 3603830          | 12   |



SECTION A-A

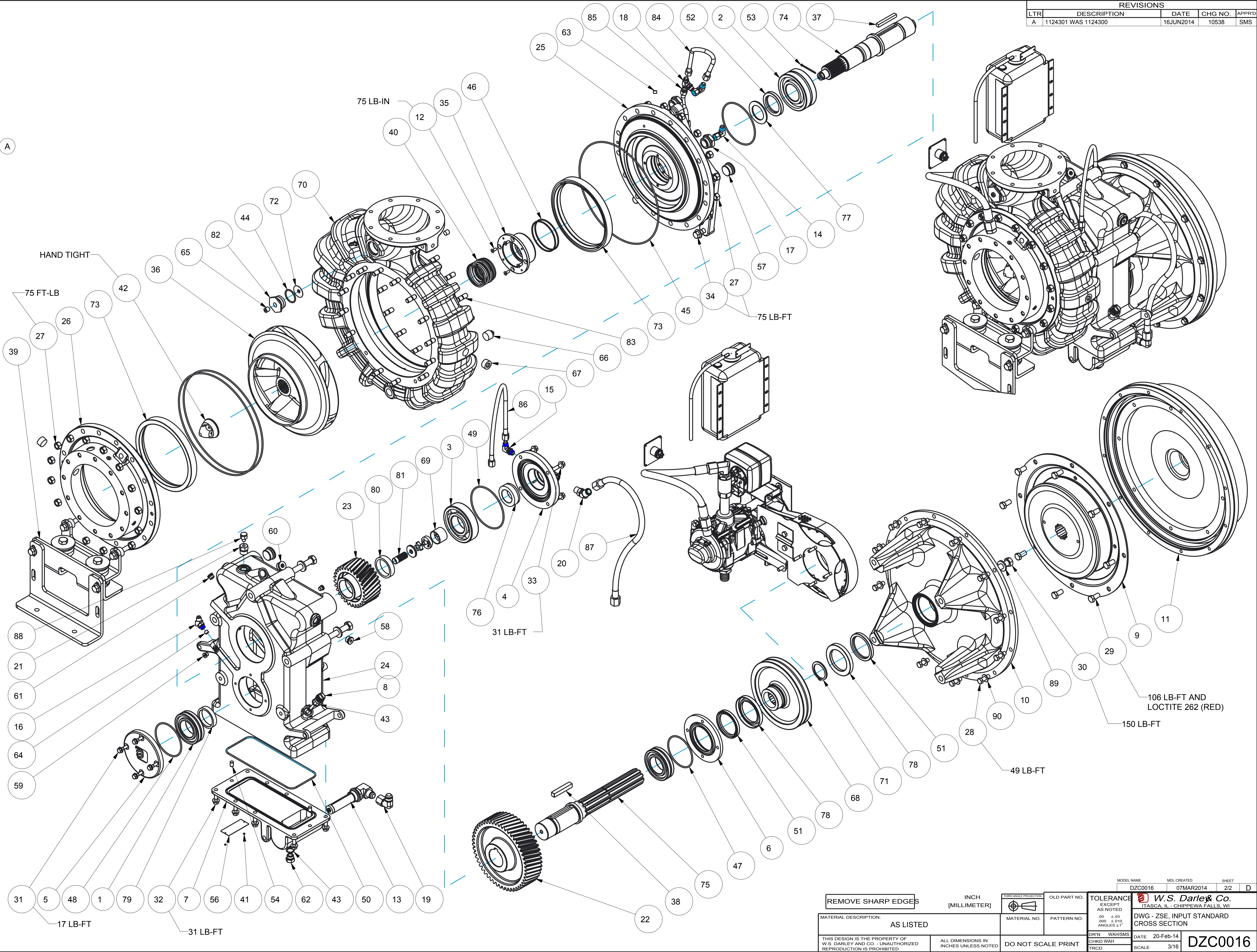


SCALE 1/4

|                                                                                                    |  |                                          |  |                                                                                                                         |  |                                |  |                                                                         |  |                                                      |  |
|----------------------------------------------------------------------------------------------------|--|------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|--|-------------------------------------------------------------------------|--|------------------------------------------------------|--|
| REMOVE SHARP EDGES                                                                                 |  | INCH<br>[MILLIMETER]                     |  | <div>THIRD ANGLE PROJECTION</div>  |  | OLD PART NO.                   |  | TOLERANCE<br>EXCEPT<br>AS NOTED<br>.00 ±.03<br>.000 ±.010<br>ANGLES ±1° |  | W.S. Darley & Co.<br>ITASCA, IL - CHIPPEWA FALLS, WI |  |
| MATERIAL DESCRIPTION:<br>AS LISTED                                                                 |  |                                          |  | MATERIAL NO.                                                                                                            |  | PATTERN NO.                    |  | DWG - ZSE, INPUT STANDARD<br>CROSS SECTION                              |  |                                                      |  |
| THIS DESIGN IS THE PROPERTY OF<br>W.S. DARLEY AND CO. - UNAUTHORIZED<br>REPRODUCTION IS PROHIBITED |  | ALL DIMENSIONS IN<br>INCHES UNLESS NOTED |  | DO NOT SCALE PRINT                                                                                                      |  | DRN/WH/SMS<br>CHCK WAH<br>TRCD |  | DATE 20-Feb-14<br>SCALE 1/2                                             |  | DZC0016                                              |  |



| NO. | DESCRIPTION                          | PART NO.         | QTY. |
|-----|--------------------------------------|------------------|------|
| 1   | BEARING - 22211E C3                  | 1726300          | 2    |
| 2   | BEARING - 22311E C3                  | 1726100          | 1    |
| 3   | BEARING - BALL, 6311.C3              | 1725900          | 1    |
| 4   | CAP - BEARING, IMPELLER, ZSE         | 2313303          | 1    |
| 5   | CAP - BRG, INPUT, REAR, ZSE          | 2314701          | 1    |
| 6   | CAP - BRG, INPUT, ZSE 2 GEAR         | 2314501          | 1    |
| 7   | COVER - OIL SUMP, ZSE 2 GEAR         | 2509200          | 1    |
| 8   | DIPSTICK - ~10 MORB PORT             | 4229105          | 1    |
| 9   | DRIVE DISC - VKE 4011S-4000/14       | 2006500          | 1    |
| 10  | ENGINE ADAPTER, ZSE, SAE 1           | 2006600          | 1    |
| 11  | ENGINE SIMULATION - SAE 14 FLYWHEEL  | X8353            | 1    |
| 12  | FHMS - .250-20 x 0.63, SS            | 5402402          | 4    |
| 13  | FILTER - LUBE PUMP, 100 MESH         | 1124301          | 1    |
| 14  | FTG - .38 JIC FE X .38 JIC MALE X 90 | 3501596          | 2    |
| 15  | FTG - .38 JICM X 9/16-18, SAE ORB    | 3501567          | 1    |
| 16  | FTG - .38 JICM X 9/16-18, SAE ORB    | 3501576          | 1    |
| 17  | FTG - 1.00 ORB MALE X .06 JIC MALE   | 3501574          | 2    |
| 18  | FTG - BRANCH TEE ADJUSTABLE, .38     | 3501609          | 1    |
| 19  | FTG - SWIVEL ELBOW, .62              | 3501583          | 1    |
| 20  | FTG-.88JICM RIGX.75MORB SVL 45       | 3501608          | 1    |
| 21  | FTG-.88MORB RIGIDX1/8NPT FEMAL       | 3501634          | 1    |
| 22  | GEAR - DRIVE, 51T, 6DP, RH, PTO      | 2719305          | 1    |
| 23  | GEAR - PINION, 6 DP, LH, 29 T        | 2720410          | 1    |
| 24  | GEARCASE - 2 GEAR ZSE                | 1806300          | 1    |
| 25  | HEAD - INBOARD, ZS                   | 2812600          | 1    |
| 26  | HEAD - SUCTION, ZS                   | 2812700          | 1    |
| 27  | HEX NUT - .500-13, GR 2              | 5403005          | 30   |
| 28  | HHCS - .438-14 x 1.25, GR5           | 5400060          | 12   |
| 29  | HHCS - .500-13 x 1.00, GR8           | 5400687          | 8    |
| 30  | HHCS - .625-11 x 8.00, GR5           | 5400108          | 7    |
| 31  | HHCS - FLANGED, .313-18 X 1.25       | 5402844          | 4    |
| 32  | HHCS - FLANGED, .375-16 X 1.25       | 5402856          | 8    |
| 33  | HHCS - FLANGED, .375-16 X 1.50       | 5402860          | 4    |
| 34  | HHCS - FLANGED, .500-13 X 1.75       | 5402853          | 2    |
| 35  | HOUSING - MECHANICAL SEAL, ZS        | 1846200          | 1    |
| 36  | IMPELLER - ZS, L.H.                  | 2908600          | 1    |
| 37  | KEY - SQ., 0.38 X 3.00               | 3602407          | 1    |
| 38  | KEY - SQ., 0.50 x 3.00               | 3602456          | 1    |
| 39  | KIT-MOUNTING, ZSE SUCTION HEAD       | KM02100          | 1    |
| 40  | MECHANICAL SEAL - 2.00", ZS          | 1846300          | 1    |
| 41  | METAL TACK, 3/16 HEAD, .025 L        | 5402873          | 2    |
| 42  | NUT - IMPELLER, CONE, ZS             | 5403477          | 1    |
| 43  | O-RING - 0.75 x 0.94 x 0.09          | 3601138          | 2    |
| 44  | O-RING - 1.47 x 1.71 x 0.09          | 3601401          | 1    |
| 45  | O-RING - 13.00 x 12.75 x 0.12        | 3601272          | 3    |
| 46  | O-RING - 3.75 x 3.94 X 0.09          | 3601133          | 2    |
| 47  | O-RING - 3.88 x 4.12 x .12           | 3601252          | 1    |
| 48  | O-RING - 4.12 x 4.38 x 0.12          | 3601217          | 1    |
| 49  | O-RING - 5.25 x 5.50 x 0.12          | 3601232          | 2    |
| 50  | O-RING - 9.50 x 9.25 x 0.12          | 3601269 FORMED   | 1    |
| 51  | OIL SEAL - 2.750 ID X 3.505 OD       | 3600511          | 2    |
| 52  | OIL SEAL - 2.125 ID X 3.000 OD       | 3600571          | 1    |
| 53  | PIN - COTTER, .125 x 2.00, SST       | 3605207          | 1    |
| 54  | PIN - DOWEL, .375 x 0.625, GR8       | 3605410          | 2    |
| 55  | PIN - DOWEL, 0.156 x 0.50, GR8       | 3605407          | 1    |
| 56  | PLATE - SERIAL NO., COM              | 1963109          | 1    |
| 57  | PLUG - 1 5/16-12 SAE ORB, HEX SOC    | 3501575          | 3    |
| 58  | PLUG - 3/4-16 SAE ORB, HEX SOC       | 3501573          | 2    |
| 59  | PLUG - 7/16-20 SAE ORB, HEX SOC      | 3501629          | 2    |
| 60  | PLUG - 7/8-14 SAE ORB, HEX SOC       | 3501632          | 3    |
| 61  | PLUG - 9/16-18 SAE ORB, HEX SOC      | 3501578          | 1    |
| 62  | PLUG - MAGNETIC, 3/4-16UNF           | 1080545          | 1    |
| 63  | PLUG - PIPE, 0.125, SST SOC HD       | 1080533          | 1    |
| 64  | PLUG - PIPE, 0.125, W/125 THRU       | 1080553          | 3    |
| 65  | PLUG - PIPE, 0.250, SST SOC HD       | 1080535          | 5    |
| 66  | PLUG - PIPE, 0.750 SST SQ HD         | 1080543          | 1    |
| 67  | PLUG - PIPE, 0.750, SST SOC HD       | 1080551          | 3    |
| 68  | PRIMER - BELT DRV, 24V               | AP02147_STANDARD | 1    |
| 69  | PUMP - HYD, INTERNAL GEAR, LUBE      | 4821020          | 1    |
| 70  | PUMP CASING - ZS                     | 2056400          | 1    |
| 71  | RING - RETAINER, SHR-200 STPA        | 3600443          | 1    |
| 72  | SCREEN STRAINER                      | 1122400          | 1    |
| 73  | SEAL RING - ZS                       | 3407500          | 2    |
| 74  | SHAFT - IMPELLER, ZS                 | 5022400          | 1    |
| 75  | SHAFT - INPUT, ZSE                   | 5023400          | 1    |
| 76  | SLEEVE - MEGATrans, OIL PUMP         | 1887400          | 1    |
| 77  | SLINGER - WATER, ZS, 1.894 ID        | 3203210          | 1    |
| 78  | SLINGER - WATER, ZSP INPUT           | 3206700          | 2    |
| 79  | SPACER - 2.17 X 2.62 X .513          | 3309301          | 1    |
| 80  | SPACER - 2.17 x 2.63 x .611          | 3305202          | 1    |
| 81  | SPRING CARTRIDGE - OIL PUMP          | 4821100          | 1    |
| 82  | STRAINER - FITTING                   | 1122300          | 1    |
| 83  | STUD - 0.500-13 X 2.000, GR5         | 3606402          | 30   |
| 84  | TUBE - LUBE PUMP DISCH, ZSE          | 4434154          | 1    |
| 85  | TUBE - LUBE PUMP DISCH, ZSE          | 4434155          | 1    |
| 86  | TUBE - LUBE PUMP DISCH, ZSE          | 4434153_STANDARD | 1    |
| 87  | TUBE - LUBE PUMP SUCTION, ZSE        | 4432161          | 1    |
| 88  | VENT - GEARCASE, 1/8 NPT MALE        | 4401801          | 1    |
| 89  | WASHER - FLAT, .641 X 1.303 X .160   | 3603825          | 7    |
| 90  | WASHER - FLAT, 0.4375 ID             | 3603830          | 12   |



| REVISIONS |                     |           |         |       |
|-----------|---------------------|-----------|---------|-------|
| LTR       | DESCRIPTION         | DATE      | CHG NO. | APPRD |
| A         | 1124301 WAS 1124300 | 16JUN2014 | 10538   | SMS   |

|                                                                                                    |  |                                          |  |                                                                                                                                    |  |                                |  |                                      |  |                                                      |  |
|----------------------------------------------------------------------------------------------------|--|------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|--|--------------------------------------|--|------------------------------------------------------|--|
| REMOVE SHARP EDGES                                                                                 |  | INCH<br>[MILLIMETER]                     |  | <div>THIRD ANGLE PROJECTION</div> <div></div> |  | OLD PART NO.                   |  | TOLERANCE<br>EXCEPT<br>AS NOTED      |  | W.S. Darley & Co.<br>ITASCA, IL - CHIPPEWA FALLS, WI |  |
| MATERIAL DESCRIPTION:<br>AS LISTED                                                                 |  |                                          |  | MATERIAL NO.                                                                                                                       |  | PATTERN NO.                    |  | .00 ±.03<br>.000 ±.010<br>ANGLES ±1° |  | DWG - ZSE, INPUT STANDARD<br>CROSS SECTION           |  |
| THIS DESIGN IS THE PROPERTY OF<br>W.S. DARLEY AND CO. - UNAUTHORIZED<br>REPRODUCTION IS PROHIBITED |  | ALL DIMENSIONS IN<br>INCHES UNLESS NOTED |  | DO NOT SCALE PRINT                                                                                                                 |  | DRN WAH/MS<br>CHKD WAH<br>TRCD |  | DATE 20-Feb-14<br>SCALE 3/16         |  | DZC0016                                              |  |

|            |               |       |
|------------|---------------|-------|
| MODEL NAME | MODEL CREATED | SHEET |
| DZC0016    | 07MAR2014     | 2/2 D |

|              |                                                      |
|--------------|------------------------------------------------------|
| OLD PART NO. | W.S. Darley & Co.<br>ITASCA, IL - CHIPPEWA FALLS, WI |
|--------------|------------------------------------------------------|