



RELEASED FOR PRODUCTION

| ITEM | QTY | P/N | DESCRIPTION |
|------|-----|----------------|--|
| 1 | 1 | CLE3500 | ASSEMBLY, TONG, 3500-6.5K |
| 2 | 1 | MK3500-01 | ASSEMBLY, MOUNTING KIT |
| 3 | 1 | BUCS4000-01 | ASSEMBLY, BACKUP, 4", DUALSTRING |
| 4 | 1 | VP3500-320A-01 | ASSEMBLY, VALVE PACKAGE, VA20, CLOSED CENTER |

| TONG SPECIFICATIONS | | |
|-------------------------|-------------|-----------|
| MAX TORQUE (LOW SPEED) | 6,500 ft-lb | 8,800 N-m |
| HIGH SPEED | 52 RPM | - |
| MAX TORQUE (HIGH SPEED) | 3,600 ft-lb | 4,880 N-m |
| LOW SPEED | 26 RPM | - |
| TONG HANDLE LENGTH | 24 5/8" | 62.5 cm |
| BACKUP HANDLE LENGTH | 21" | 53.3 cm |
| MAX. PRESSURE | 2,500 psi | 172 bar |
| MAX. FLOW RATE | 35 GPM | 132 LPM |

| TONG & BACKUP CAPACITIES | | |
|---|-------------------|-------------------|
| MAX. TORQUE CAPACITY (FT-LBS) @ 2,500 PSI | | |
| PIPE DIAMETER | GRITFACE DIES | STEEL TOOTH DIES |
| 4" * | 6,500 | 6,500 |
| 3 1/2" * | | |
| 3" - 1.660" | 3,200 (LF ROLLER) | 3,200 (LF ROLLER) |

* THE MAXIMUM TUBULAR DIAMETER OF THE BACKUP IS 4".
 * THE MAXIMUM TUBULAR DIAMETER OF THE TONG IS 3 1/2"

| REVISIONS | | | | |
|-----------|------------|-----------------|------------------|--------------------|
| REVISION | ECO NUMBER | ECO DESCRIPTION | ECO COMPLETED BY | ECO COMPLETED DATE |
| A | N/A | INITIAL RELEASE | N/A | N/A |

| | | | | |
|--|----------|--|---|-----|
| UNLESS OTHERWISE SPECIFIED: | | PROPRIETARY STATEMENT | | |
| 1. DIMENSIONS ARE IN INCHES 2. TOLERANCES: ANGULAR ± 1° FRACTIONAL ± 1/16 TWO PLACE DECIMAL ± 0.02 THREE PLACE DECIMAL ± 0.005 3. IDENTIFY P/N & MAIL P.O. USING 1/8 TO 1/4 ETCHED LETTERS; DENOTED BY "X" 4. REMOVE BURRS & SHARP EDGES WITH 1/64x45° MAX 5. MACHINED FILET RADII SHALL BE 1/32 6. FINAL SURFACE ROUGHNESS AVG. (Ra) SHALL BE ≤ 250 MICROINCHES 7. ○ DENOTES CRITICAL DIMENSION; 100% INSPECTION REQUIRED 8. A TRIANGLE DENOTES A REVISION 9. INTERPRET DRAWING PER ASME Y14.5-2009 | | THIS DOCUMENT IS THE PROPERTY OF MCCOY CORPORATION AND IS CONSIDERED CONFIDENTIAL. THIS INFORMATION MAY NOT BE USED, DISCLOSED, COPIED, OR REPRODUCED IN ANY FORM, WITHOUT THE EXPRESS WRITTEN CONSENT OF MCCOY CORPORATION. | | |
| DRAWN | J.KELLY | 12/23/2015 | DESCRIPTION | |
| CHECKED | B.PEARCE | 01/06/2016 | ASSEMBLY, TONG, 3500-6.5K X 4000 LJ BU, COMPRESSION, CC | |
| APPROVED | B.PEARCE | 01/06/2016 | SIZE PART NO | REV |
| THIRD ANGLE PROJECTION | | | B | A |
| WEIGHT | | | MATERIAL | |
| 1193 LBS. | | | 80-350-650-40L-000-3S-00 | |
| | | | N/A | |
| | | | SHEET 1 OF 1 | |