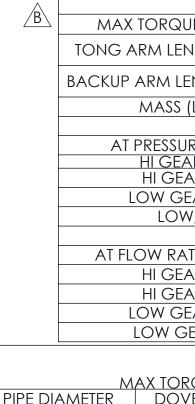


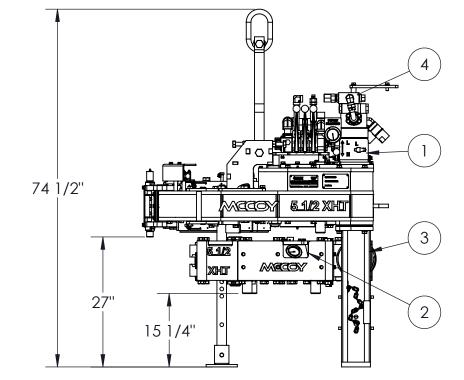
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| DESCRIPTION                          |
|--------------------------------------|
| ASSEMBLY, TONG, 51/2-40K             |
| ASSEMBLY, BACKUP, COMPRESSION, 5 1/2 |
| ASSEMBLY, MOUNTING KIT               |
| ASSEMBLY, VALVE PACKAGE, DVA20       |
|                                      |



| B | TONG AND BACKUP<br>MAX TORQUE CAPACITY IN FT-LBS @ 3000 PSI |                         |                         |                         |  |  |
|---|---|-------------------------|-------------------------|-------------------------|--|--|
|   | PIPE DIAMETER   | DOVETAIL DIES           | GRITFACE DIES           | STEEL DIES              |  |  |
|   | 5 1/2 DOWN TO 5   | 40000                   | 20000 (LOW<br>FRICTION) | 20000                   |  |  |
|   | DOWN TO 4 1/2   | 30000                   | 15000                   | (LOW FRICTION)          |  |  |
|   | DOWN TO 3 5/8   | 30000                   | (LOW FRICTION)          | 17000<br>(LOW FRICTION) |  |  |
|   | DOWN TO 2 3/8   | 20000<br>(LOW FRICTION) | 10000<br>(LOW FRICITON) | 11000<br>(LOW FRICTION) |  |  |
|   |   | ÷                       |                         | -                       |  |  |

| REVISION   | ECO NUMBER | ECO   | DESCRIPTION     |           |
|--|------------|---|-----------------|-----------|
| Α  | N/A        | INITI   | AL RELEASE      |           |
| В  | 16-0138    | ADD   | ED SPECIFICA    | TION TABL |
| UNLESS OTHERWISE SPECIFIED:<br>1. DIMENSIONS ARE IN INCHES<br>2. TOLERANCES:<br>ANGULAR ± 1  |            | 2: PROPRIETAI<br>THIS DOCUMENT IS THE PROPERT<br>CONSIDERED CONFIDENTIAL. TH<br>DISCLOSED, COPIED, OR REPROC<br>EXPRESS WRITEN CONSEN |                 |           |
| FRACTIONAL ± 1/16<br>TWO PLACE DECIMAL ± 0.02<br>TWO PLACE DECIMAL ± 0.005<br>TWO PLACE DECIMAL ± 0.005<br>TWO PLACE DECIMAL ± 0.005<br>TWO PLACE DECIMAL ± 0.005<br>TWO PLACE TWO PLACE TWO PLACE<br>TWO PLACE TWO PLACE TWO PLACES<br>A TWA SUPERIE TRADI SHALL BE 1/32<br>6. TWAA SUPERIE TRADI SHALL BE 1/32 |            |   | DRAWN           | R.H       |
|  |            |   | CHECKED         | B.PE      |
|  |            |   | APPROVED        | B.PE      |
| SHALL BE < 250 MICROINCHES<br>7. DENOTES CRITICAL DIMENSION;<br>100% INSPECTION REQUIRED<br>8. A TRIANGLE DENOTES A REVISION<br>9. INTERPET DRAWING PER ASME 114 5-2005  |            | THIRD ANGLE .<br>PROJECTION   | $\bigcirc \sub$ |           |



| TONG SPECIFICATIONS           |       |       |  |  |  |
|-------------------------------|-------|-------|--|--|--|
| ue (ft lbs/nm)                | 40000 | 54233 |  |  |  |
| NGTH (INCH/CM)                | 32.6  | 82.6  |  |  |  |
| ENGTH (INCH/CM)               | 28.0  | 71.1  |  |  |  |
| (LBS/KG)                      | 3350  | 1520  |  |  |  |
| TORQUE (FT LBS/NM, ESTIMATED) |       |       |  |  |  |
| JRE (PSI/BAR)                 | 3000  | 207   |  |  |  |
| AR/HALF                       | 4900  | 6644  |  |  |  |
| AR/ FULL                      | 10000 | 13558 |  |  |  |
| EAR/ HALF                     | 20000 | 27117 |  |  |  |
| V/FULL                        | 40000 | 54233 |  |  |  |
| SPEED (RPM, ESTIMATED)        |       |       |  |  |  |
| TE (GPM/LPM)                  | 40    | 151   |  |  |  |
| AR/HALF                       | 4     | 0     |  |  |  |
| AR/ FULL                      | 20    |       |  |  |  |
| EAR/ HALF                     | 10    |       |  |  |  |
| GEAR/FULL                     | 5     |       |  |  |  |
|                               |       |       |  |  |  |

| revisions  |                       |   |                              |            |         |      |
|--|-----------------------|---|------------------------------|------------|---------|------|
|  |                       |   | ECO COMPLETED BY             | CO COMPLET | ED DATE |      |
|  |                       |   | N/A                          | N/A        |         |      |
| LES  | ES M.BUDDEN 6/21/2016 |   |                              | 16         |         |      |
| RY STATEMENT<br>IY OF MCCOY CORPORATION AND IS<br>HIS INFORMATION MAY NOT BE USED,<br>DDUCED IN ANY FORM, WITHOUT THE<br>NT OF MCCOY CORPORATION |                       |   |                              |            |         |      |
| HENRY  | 05/06/2014            | DESCRIPTION<br>ASSEMBLY, TONG, 5500-40K x 5500 LJ BACKUP, COMPRESSION |                              |            | ION     |      |
| EARCE<br>EARCE   |                       | SIZE<br>B   | B 80-550-400-55D-000-30-00 B |            |         |      |
| WEIGHT<br>335  |                       | MAT   | ERIAL N/A                    |            | SHEET 1 | OF 1 |