TONG SPECIFICATION

MAX TORQUE (FT-LBS/N-M): 18,700 25,357
ARM LENGTH (INCH/CM): 32.0 81.3
MASS (LBS/KG): 2,200 999

TORQUE (FT-LBS/N M, ESTIMATED)

AT PRESSURE (PSI/BAR):
Hi/Full: 2,250 155
Lo/Full: 3,740 5,071

Hi/Full: 18,700 25,357
Lo/Full: 18,700 25,357

SPEED (RPM, ESTIMATED)

AT FLOW RATE (GPM/LPM):
Hi/Full: 60 227
Lo/Full: 77.0 15.4

SYSTEM MAX TORQUE CAPACITY (FT LB)

<table>
<thead>
<tr>
<th>PIPE DIAMETER (IN)</th>
<th>STEEL DIES</th>
<th>GRITFACE DIES</th>
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<tr>
<td>*6.250 DOWN TO 5.500</td>
<td>18.7K</td>
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<td>**5.500</td>
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<tr>
<td>DOWN TO 4.500</td>
<td>11K</td>
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<tr>
<td>DOWN TO 4.000</td>
<td>8K</td>
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</tr>
<tr>
<td>DOWN TO 3.375</td>
<td>6.5K</td>
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<td>DOWN TO 2.875</td>
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* BACKUP MAXIMUM PIPE DIAMETER IS 6.250"
** TONG MAXIMUM PIPE DIAMETER IS 5.500"

ITEM QTY P/N DESCRIPTION
1 1 85-0398 ASSEMBLY, BACK UP
2 1 80-0420-29 ASSEMBLY, TONG, 5500-18K7
3 1 MK5500-1 MOUNTING KIT, 6-1/4 CLINCHER BU, KT5500

1. DIMENSIONS ARE IN INCHES
2. TOLERANCES:
   - FRACTIONAL: 1/16
   - TWO PLACE DECIMAL: 0.02
   - THREE PLACE DECIMAL: 0.005
3. IDENTIFY P/N & MATL PO. USING 1/8 TO 1/4 ETCHED LETTERS; DENOTED BY "X"
4. REMOVE BURRS & SHARP EDGES WITH 1/64x45 MAX
5. MACHINED FILLET RADII SHALL BE 1/32
6. FINAL SURFACE ROUGHNESS AVG. (Ra) SHALL BE ≤ 250 MICROINCHES
7. IDENTIFY AS A CRITICAL DIMENSION; 100% INSPECTION REQUIRED
8. A TRIANGLE DENOTES A REVISION
9. INTERPRET DRAWING PER ASME Y14.5-2009 UNLESS OTHERWISE SPECIFIED

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