SMATCO Towing Winch

Model 56-DTS-200K

STALL LINE PULL

- 200,000 Lbs at the 1st layer

CAPACITY (Each Drum)

- 2.0-inch rope: 2,400 feet
- 1.75-inch rope: 3,300 feet

ENGINE & TRANSMISSION

- 200-HP diesel engine
- Complete with 3-speeds
- Forward and reverse
- Power shift transmission
- Optional hydraulic transmission or electric drive

DRUM SIZE

- 24-inch barrel diameter
- 66-inch flange diameter
- 42-inch between flanges

DRUM CLUTCH

- Jaw clutch on drum pinions as standard
- Air-operated with manual lever for maintenance
- Optional friction clutch on drum pinions

DRUM BAND BRAKE

- 250,000 Lb static 1st layer holding capacity
- Air set and release with manual handwheel supplement
- Optional spring set/air release

DRUM PAWL

- 300,000 lbs holding
- Air-operated

CATHEAD

- 18-inch diameter
- One or Two Catheads (optional)

LEVEL WIND

- Diamond screw
- Optional hydraulic drive
- Bolt-on design (can be Field added)

WEIGHT & DIMENSIONS

- 54,000 Lbs (24,500 Kg) with engine
- 166”L x 81”H x 196”W (varies with options)
## SMATCO Towing Winch

**Model 56-DTS-200K**

### HAUL-IN PERFORMANCE

**Single Drum Line Pull**

### WINCH IN-HAUL PERFORMANCE

<table>
<thead>
<tr>
<th>LAYER</th>
<th>LOW SPEED</th>
<th>MIDDLE RANGE</th>
<th>HIGH SPEED</th>
<th>STALL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PULL-KIPS (MT)</td>
<td>SPEED-FPM (MPM)</td>
<td>PULL-KIPS (MT)</td>
<td>SPEED-FPM (MPM)</td>
</tr>
<tr>
<td>BARE DRUM</td>
<td>150 (68)</td>
<td>30 (9.1)</td>
<td>64 (29)</td>
<td>70 (21.3)</td>
</tr>
<tr>
<td>MID DRUM</td>
<td>93 (42)</td>
<td>48 (14.6)</td>
<td>39 (17.7)</td>
<td>93 (28.5)</td>
</tr>
<tr>
<td>FULL DRUM</td>
<td>63 (28)</td>
<td>72 (21.9)</td>
<td>27 (12.2)</td>
<td>168 (51.2)</td>
</tr>
</tbody>
</table>

### Diagrams

- **Single Drum Line Pull Diagram**
- **Bare Drum Plan View**

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**OIL STATES SKAGIT SMATCO**

MANUFACTURING, SALES & SERVICE  
1180 Mulberry Road  
Houma, Louisiana 70363 USA  
Tel: 985.868.0630 Fax: 985.868.9733  
Email: skagitsmatco.houston@oilstates.com

**SALES OFFICE**  
1155 Dairy Ashford, Ste. 700  
Houston, Texas 77079 USA  
Tel: 713.510.2200 Fax: 713.510.2307

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