SMATCO® Towing Winch

Model 56-DPDT-200K

STALL LINE PULL

- 200,000 lbs (90.7MT) at the 1st layer

CAPACITY

- 2.0-in (50mm) rope: 2,400 ft (732m)
- 1.75-in (44mm) rope: 3,300 ft (1,000m)

ENGINE & TRANSMISSION

- 200-HP (150KW) diesel engine
- Complete with 3-speeds
- Forward and reverse
- Power shift transmission
- Optional hydraulic transmission or electric drive

DRUM SIZE

- 24-in (610mm) barrel diameter
- 66-in (1,676mm) flange diameter
- 42-in (1,059mm) between flanges

DRUM CLUTCH

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

DRUM BAND BRAKE

- 250,000 lbs (113MT) static 1st layer holding capacity
- Air set and release with manual hand-wheel supplement
- Optional spring set / air release

DRUM PAWL

- 300,000 lbs (136MT) holding
- Air-operated

CATHEAD

- 18-in (464mm) diameter
- One or two catheads (optional)

LEVEL WIND

- Diamond screw
- Optional hydraulic drive
- Bolt-on design - either port or starboard (can be field added)

WEIGHT & DIMENSIONS

- 54,000 lbs (24.5MT) (with engine)
- Length × Height × Width (varies with options)
  - 166-in × 81-in × 196-in
  - (4,211mm) × (2,059mm) × (4,981mm)
SMATCO® Towing Winch

Model 56-DPDT-200K

WINCH HAUL

Single Drum Line Pull

<table>
<thead>
<tr>
<th>LAYER</th>
<th>LOW SPEED</th>
<th></th>
<th>MID RANGE</th>
<th></th>
<th>HIGH SPEED</th>
<th></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>
<td>PULL (KIPS (MT))</td>
<td>SPEED (FPM (MPM))</td>
<td>PULL (KIPS (MT))</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>
<td>25 (11.3)</td>
<td>176 (53.6)</td>
<td>200 (90.7)</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>
<td>15 (6.8)</td>
<td>285 (86.9)</td>
<td>120 (54.4)</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>
<td>10 (4.5)</td>
<td>420 (128)</td>
<td>81 (36.7)</td>
</tr>
</tbody>
</table>

* The unit can be operated with two drums simultaneously at the above speeds at one-half of the rated pull shown.