X52
Gearbox for 12M33.2
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<table>
<thead>
<tr>
<th>Power/RPM kW/RPM (hp/RPM)</th>
<th>Maximum rated input kW (hp)</th>
<th>Ratio</th>
<th>Maximum input RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.611 (0.819)</td>
<td>1283 (1721)</td>
<td>3.964*</td>
<td>2100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4.345*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4.962</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.458*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.955</td>
<td></td>
</tr>
</tbody>
</table>

Dry Weight kg(lb) 2000 (4410)

SAE bell #0

Type Vertical offset

Kinematics Reversible, Engine Wise and Counter Engine Wise

* Non standard ratio

Sample Powers (kw/hp)

3.964*
4.345*
4.962
5.458*
5.955

Description

Robust design and easy onboard maintenance. Robust design also withstands continuous duty in workboat, dredger applications.

Fully works tested, reliable and simple to install.

Reverse reduction marine transmission with hydraulically actuated multi-disc clutches.

Case hardened and precisely ground gear teeth for long life and smooth running.

Robust cast iron casing for direct or remote mounting.

Emergency ‘get home’ capability.

Suitable for twin installation with 100% rated power in ahead and astern condition.

Standard Equipment

Oil cooler complete with fittings and flexible hoses.

Lube oil pump.

Flanged coupling.

Propeller shaft flange and coupling bolt set.

Classification by all major Classification Societies on request.

Elastic coupling with fail safe device SAE18”

Rigid mounting brackets.

Electric clutch control.

Set Control Monitoring: Manometer and Thermometer gauges. Clutch oil pressure sensor monitored by the control system. Low clutch pressure alarm switch monitored by the engine BMS.
Options

Live PTO Type: 0 Ratio: 0.791/1 / flange SAE B

Clutchable PTO Type: 1 for the one output / Electrical valve control 24V / Ratio: 0.600/1 - 0.733/1 - 0.867/1

Clutchable PTO Type: 2 for two outputs / Electrical valve control 24V / Ratio: 0.603/1 - 0.733/1 - 0.894/1

Hydraulic pump adaptation flange and coupling, not machined for type 182 (to be machined by the customer)

Dimensions and dry weight (mm/kg)

<table>
<thead>
<tr>
<th>Model</th>
<th>Bell housing</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>H1</th>
<th>H2</th>
<th>H3</th>
<th>L1</th>
<th>L2</th>
<th>L3</th>
<th>Dry Weight kg(lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X52</td>
<td>#0</td>
<td>431</td>
<td>1116</td>
<td>550</td>
<td>492</td>
<td>742</td>
<td>0</td>
<td>855</td>
<td>90</td>
<td>1020</td>
<td>2000 (4410)</td>
</tr>
</tbody>
</table>

Dimensions and dry weight (mm/kg)

| Type  | ØA  | ØB   | +0.15 / -0.15 | ØC  | ØD  | ØE  | ØF  | G   | H   | J   | N  | Ømaxi forage | Ømaxi drilling | CENTRAGE CENTERING |
|-------|-----|------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-------------|-----------------|--------------------|
| X52   | 390 | 336  | 250           | 6   | 75  | 260 | 55  | 320 | 31  | 10  | 160 | Female       |                 |                    |