### General view:

![General view of FS(O)-6406/8406/9406](image)

### Gear ratios:

<table>
<thead>
<tr>
<th>Type</th>
<th>GEAR TYPE</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
<th>5th</th>
<th>6th</th>
<th>R</th>
<th>Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS-6406B/FS B-6406B</td>
<td>8.03</td>
<td>5.06</td>
<td>3.09</td>
<td>1.96</td>
<td>1.31</td>
<td>1.00</td>
<td>7.70</td>
<td>8.03</td>
<td></td>
</tr>
<tr>
<td>FSO-6406A/FSO-8406A</td>
<td>7.05</td>
<td>4.13</td>
<td>2.52</td>
<td>1.59</td>
<td>1.00</td>
<td>0.78</td>
<td>6.75</td>
<td>9.04</td>
<td></td>
</tr>
<tr>
<td>FSBO-6406A/FSBO-8406A</td>
<td>7.05</td>
<td>4.13</td>
<td>2.52</td>
<td>1.59</td>
<td>1.00</td>
<td>0.78</td>
<td>6.75</td>
<td>9.04</td>
<td></td>
</tr>
<tr>
<td>FSBO-9406A</td>
<td>6.38</td>
<td>3.73</td>
<td>2.28</td>
<td>1.43</td>
<td>1.00</td>
<td>0.79</td>
<td>6.11</td>
<td>8.08</td>
<td></td>
</tr>
</tbody>
</table>
Basic dimensions (horizontal version):

1. Input shaft
2. Output flange
3. Oil drain plug
4. Oil filler & level plug
5. Tachometer sensor
6. PTO opening
7. Reverse light switch
8. Neutral light switch

On a base of agreement with customer gearbox can be additionally fitted with:

- Enhanced shifting quality
  - All forward gears synchronized; low force synchronizers in 1st & 2nd gears
    (Low Force Boosted Synchronizer)
  - EFM-H friction material on all gears
- High Contact Helical gears
- Flexible vehicle integration
  - Direct, remote or cable control options
  - Both LH / RH PTO SAE2 bolts provision
  - Extended counter shaft PTO
  - Retarder provision
  - PPA unit (for coach application).

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