

Sole Diesel
 Ref: STB 01d

July 2014
 Sheet 1 of 3

Sole Diesel – Gearbox Selection Chart Right Handed Props.

| Engine | G'Box Ratio | Pleasure Boat | | Light Commercial | | Heavy Commercial | |
|---------|-------------|---------------|-----------|------------------|-----------|------------------|-----------|
| | | Mechanical | Hydraulic | Mechanical | Hydraulic | Mechanical | Hydraulic |
| Mini-17 | 2:1 | PRM80 | - | PRM80 | - | PRM80 | - |
| | | TMC40 | - | - | - | - | - |
| | | TMC60 A | - | - | - | - | - |
| | 2.5:1 | PRM80 | - | PRM80 | - | PRM80 | - |
| | | TMC40 | - | - | - | - | - |
| | | TMC60 A | - | - | - | - | - |
| 3:1 | PRM120 | - | PRM120 | - | PRM120 | - | |
| | TMC60 | - | - | - | - | - | |
| Mini-29 | 2:1 | PRM80 | - | PRM80 | - | PRM120 | - |
| | | TMC40 | - | - | - | - | |
| | | TMC60 A | - | - | - | - | |
| | 2.5:1 | PRM80 | - | PRM80 | - | PRM120 | - |
| | | TMC40 | - | - | - | - | - |
| | | TMC60 A | - | - | - | - | - |
| 3:1 | PRM120 | - | PRM120 | - | PRM120 | - | |
| | TMC60 | - | - | - | - | - | |
| Mini-33 | 2:1 | PRM80 | PRM150 | - | PRM150 | - | PRM150 |
| | | TMC40 | | | | | |
| | | TMC60 A | - | - | - | - | - |
| | 2.5:1 | TMC60 | - | TMC60 | - | - | - |
| | | PRM80 | | | | | |
| | | TMC60 A | - | - | - | - | - |
| 3:1 | TMC60 | PRM150 | TMC60 | PRM150 | - | PRM150 | |
| | PRM120 | | | | | | |
| Mini-44 | 2:1 | TMC60 | PRM150 | TMC60 | PRM150 | - | PRM150 |
| | | PRM120 | - | - | - | - | - |
| | | TMC60 A | - | - | - | - | - |
| | 2.5:1 | TMC60 | - | TMC60 | - | - | - |
| | | PRM120 | - | - | - | - | - |
| | | TMC60 A | - | - | - | - | - |
| 3:1 | TMC60 | PRM150 | - | PRM150 | - | PRM150 | |
| | PRM120 | - | - | - | - | - | |
| Mini-55 | 2:1 | TMC60 | PRM150 | TMC60 | PRM150 | - | PRM150 |
| | | TMC60 A | - | - | - | - | - |
| | 2.5:1 | TMC60 | - | TMC260 | | | |
| | | TMC60 A | - | - | - | - | - |
| | 3:1 | TMC60 | PRM150 | TMC260 | PRM150 | - | PRM150 |
| | | - | - | - | - | - | |

Sole Diesel – Gearbox Selection Chart Right Handed Props.

| | | Pleasure Boat | | Light Commercial | | Heavy Commercial | |
|---------|-------------|---------------|-----------|------------------|-----------|------------------|-----------|
| Engine | G'Box Ratio | Mechanical | Hydraulic | Mechanical | Hydraulic | Mechanical | Hydraulic |
| Mini-62 | 2:1 | TMC60 | PRM150 | TMC260 | PRM260 | - | PRM260 |
| | | TMC260 | TM345A | TMC260 | TM345A | - | - |
| | 2.5:1 | TMC260 | TM345A | TMC260 | - | - | - |
| | 3:1 | TMC260 | PRM150 | TMC260 | PRM260 | - | PRM260 |
| Mini-74 | 2:1 | TMC260 | PRM260 | - | PRM260 | - | PRM260 |
| | | - | TM345A | - | TM345A | - | - |
| | 2.5:1 | TMC260 | TM345A | - | - | - | - |
| | 3:1 | - | PRM260 | - | PRM260 | - | PRM260 |
| SM-105 | 2:1 | - | PRM500 | - | PRM500 | - | PRM500 |
| | | - | TM93A | - | - | - | - |
| | 2.5:1 | - | PRM500 | - | PRM500 | - | PRM500 |
| | | - | TM93A | | | | |
| 3:1 | - | PRM500 | - | PRM500 | - | PRM500 | |
| SN-110 | 2:1 | TMC260 | PRM260 | TMC260 | PRM260 | - | PRM260 |
| | | - | TM345A | | TM93A | - | TM93A |
| | 2.5:1 | TMC260 | TM345A | TMC260 | TM93A | - | TM93A |
| | 3:1 | - | PRM260 | - | PRM260 | - | PRM260 |

Sole Diesel ~
Gearbox Selection Chart
..... Left Handed Props.

| | | Pleasure Boat | |
|---------|-------------|---------------|-----------|
| Engine | G'Box Ratio | Mechanical | Hydraulic |
| Mini-17 | 2:1 | TMC 60 | PRM150 |
| | 2.5:1 | TMC 60 | N/A |
| | 3:1 | TMC 60 | PRM150 |
| Mini-29 | 2:1 | TMC 60 | PRM150 |
| | 2.5:1 | TMC 60 | N/A |
| | 3:1 | TMC 60 | PRM150 |
| Mini-33 | 2:1 | TMC 60 | PRM150 |
| | 2.5:1 | TMC 60 | N/A |
| | 3:1 | TMC 60 | PRM150 |
| Mini-44 | 2:1 | TMC 60 | PRM150 |
| | 2.5:1 | TMC 60 | N/A |
| | 3:1 | TMC 60 | PRM150 |
| Mini-55 | 2:1 | TMC 260 | PRM150 |
| | 2.5:1 | TMC 260 | N/A |
| | 3:1 | TMC 260 | PRM150 |
| Mini-62 | 2:1 | TMC 260 | PRM150 |
| | 2.5:1 | TMC 260 | N/A |
| | 3:1 | N/A | PRM150 |

Rating Definitions

Pleasure ~ Yachts, small fishing boats,

Light Commercial ~ Working fishing boats, etc

Heavy Commercial ~ Full load, continuous running, applications.

Gearbox Ratio Details

| | Model | Nominal Ratio | Forward Ratio | Reverse Ratio | Notes |
|---------------------------|----------|---------------|---------------|---------------|--------------|
| <i>PRM Marine</i> | | | | | |
| | PRM 80 | 2:1 | 2.04:1 | 2.50:1 | |
| | | 2.5:1 | 2.50:1 | 2.50:1 | |
| | PRM 120 | 2:1 | 2.04:1 | 2.50:1 | |
| | | 2.5:1 | 2.50:1 | 2.50:1 | |
| | | 3:1 | 2.94:1 | 2.50:1 | |
| | PRM 150 | 1.5:1 | 1.53:1 | 1.53:1 | |
| | | 2:1 | 2.09:1 | 2.09:1 | |
| | | 3:1 | 2.82:1 | 2.82:1 | |
| | PRM 260 | 2:1 | 1.96:1 | 1.96:1 | |
| | | 3:1 | 2.94:1 | 2.94:1 | |
| | PRM 500 | 1.5:1 | 1.459:1 | 1.459:1 | |
| | | 2:1 | 1.935:1 | 1.935:1 | |
| | | 2.5:1 | 2.565:1 | 2.565:1 | |
| | | 3:1 | 2.904:1 | 2.904:1 | |
| <i>Technodrive</i> | | | | | |
| | TMC 40 | 1.5:1 | 1.45:1 | 2.13:1 | |
| | | 2:1 | 2.00:1 | 2.13:1 | |
| | | 3:1 | 2.60:1 | 2.13:1 | |
| | TMC 60 | 1.5:1 | 1.52:1 | 2.00:1 | |
| | | 2:1 | 2.00:1 | 2.00:1 | |
| | | 2.5:1 | 2.50:1 | 2.50:1 | |
| | | 3:1 | 2.94:1 | 2.50:1 | |
| | TMC 60 A | 2:1 | 2.17:1 | 2.17:1 | 7° Downangle |
| | | 2.5:1 | 2.45:1 | 2.17:1 | 7° Downangle |
| | TMC 260 | 1.5:1 | 1.54:1 | 2.00:1 | |
| | | 2:1 | 2.00:1 | 2.00:1 | |
| | | 2.5:1 | 2.47:1 | 2.47:1 | |
| | | 3:1 | 2.88:1 | 2.47:1 | |
| | TM 345A | 1.5:1 | 1.54:1 | 1.54:1 | 8° Downangle |
| | | 2:1 | 2.00:1 | 2.00:1 | 8° Downangle |
| | | 2.5:1 | 2.47:1 | 2.47:1 | 8° Downangle |
| | TM 93A | 1.5:1 | 1.51:1 | 1.51:1 | 8° Downangle |
| | | 2:1 | 2.09:1 | 2.09:1 | 8° Downangle |
| | | 2.5:1 | 2.40:1 | 2.40:1 | 8° Downangle |