

8. Specifications

8.1 Specifications

| Model | | PDS175S-5C3 | PDS175SC-5C3 | PDSF140S-5C3 | PDSF140SC-5C3 | |
|---------------|---------------------------------------|--|--|--------------|---------------|-----|
| Compressor | Type | Single-stage oil cooled, screw type compressor | | | | |
| | Free air delivery | m ³ /min | 5.0 | | 4.0 | |
| | Working pressure | MPa | 0.69 | | 1.03 | |
| | Lubricating system | | Forced Lubrication by compressed pressure | | | |
| | Driving system | | Direct driving with gear coupling | | | |
| | Receiver tank capacity | m ³ | 0.020 | | | |
| | Lubricating oil capacity | L | 15 (The amount of initial filling) / Approx. 14.5 (The amount of exchange) | | | |
| Engine | Model | YANMAR 4TNV88-BDHKS | | | | |
| | Type | 4-cycle, water-cooled, direct injection type | | | | |
| | Number of cylinders, bore stroke | 4 · 88mm×90 mm | | | | |
| | Total displacement | L | 2.189 | | | |
| | Rated output | kW/min ⁻¹ | 34.9 / 3,000 | | | |
| | Lubricating oil capacity | L | 7.4 (The amount of initial filling) / Approx. 7.0 (The amount of exchange) | | | |
| | Coolant capacity (including radiator) | L | 5.8 | | | |
| | Battery | | 80D26R (12V) equivalent | | | |
| | Fuel tank capacity | L | 90 | | | |
| Weight · Mass | Overall length | mm | 1,970 | | | |
| | Overall length (Bonnet only) | mm | 1,850 | | | |
| | Overall width | mm | 950 | | | |
| | Overall height | mm | 1,080 | | | |
| | Net dry mass | kg | 740 | 750 | 740 | 750 |
| | Operating mass | kg | 840 | 850 | 840 | 850 |