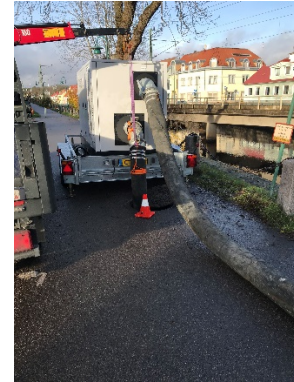


s250/20(SAP) TECHNICAL DATASHEET

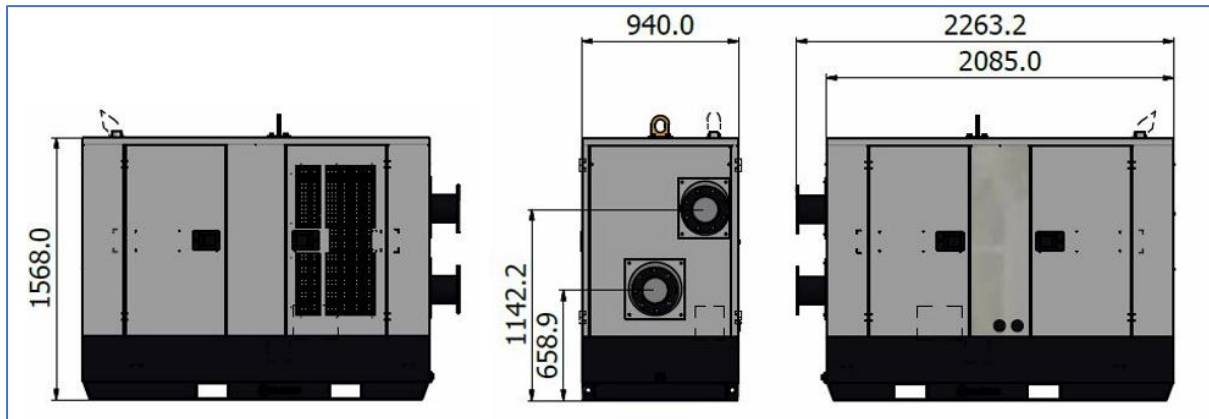


TECHNICAL SPECIFICATIONS- CANOPY DESIGN (SAP)

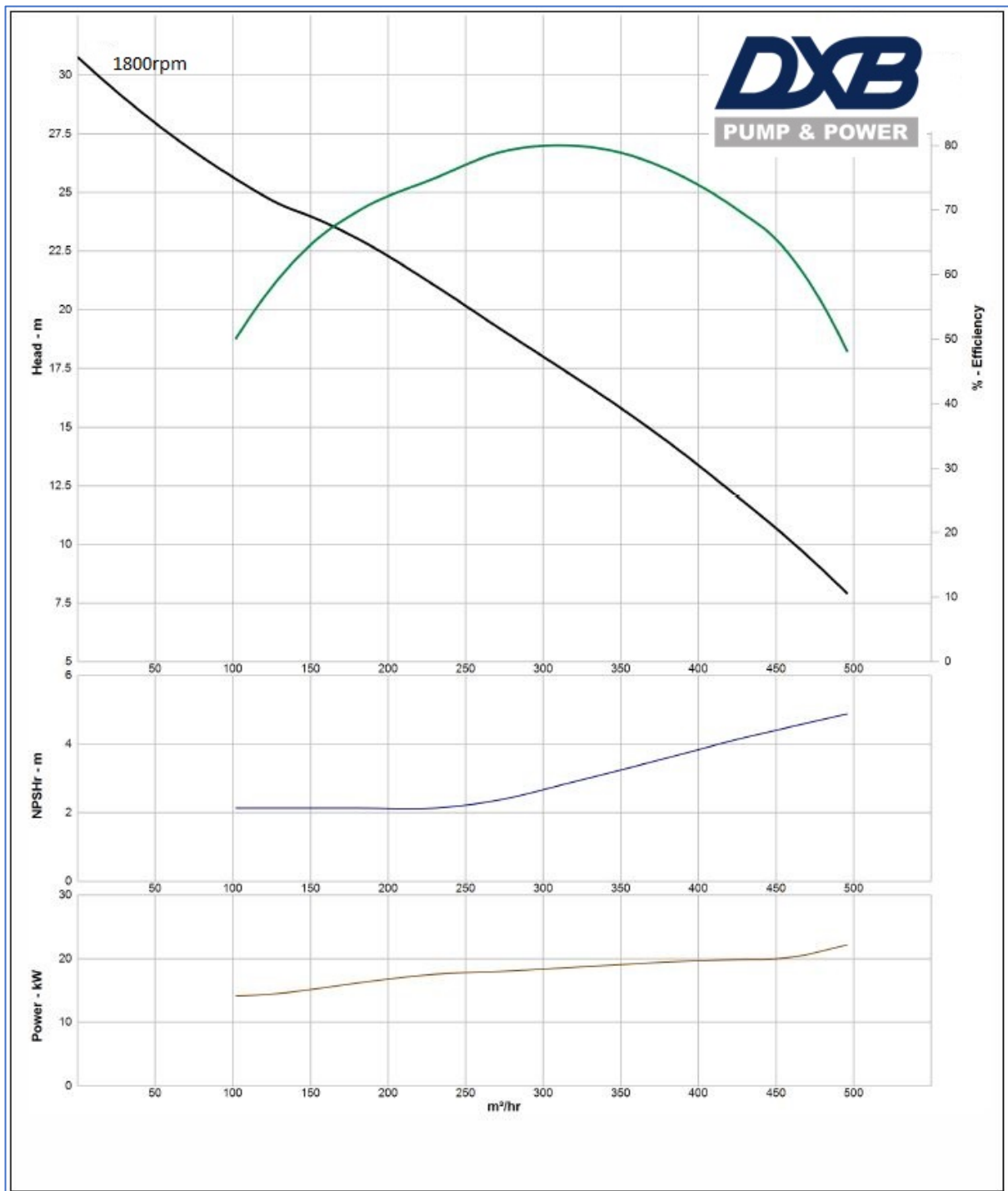
| | | | |
|---------------------------------|--------------------|--------------------------|------------------------|
| Model | S250/20 | Pump Model | CRP150DP-240T-EM55K |
| Maximum Flow (m3/hr) | 450 | Wet End Materials | GGG4 Ductile Iron |
| Maximum Head (m) | 30 | Impeller | GGG4 Ductile Iron |
| Max solids Handling (mm) | 76 | Wear Ring | Cast Iron |
| Maximum Efficiency (%) | 80 | Shaft | 17-4PH Stainless Steel |
| Maximum Lift (m) | 8.5 | Bearing Housing | Cast Iron |
| Maximum Speed (rpm) | 1800 | Mechanical Seal | Cycloseal c/w run-dry |
| Maximum Power (kw) | 21 | Priming pump | 50cfm diaphragm vacuum |
| Best Efficiency Point | 250m3/hr at 20m | SAE Housing | 4 |
| Power at BEP (kw) | 18.5 | Drive Size | 10 inch |
| Fuel Consumption (lph) | 6 | Front Bearing | Roller |
| Fuel Tank Size (litres) | 240 | Drive Bearing(s) | Single |
| Sound Rating (dbA)@7m | 65 | | |
| Dimensions (LxWxH) m | 2.3m x 1.0m x 1.7m | Engine | Isuzu |
| Weight (Dry) (kg) | 1800 | Make | 4LE1 |
| | | Size | 2.2 litre |
| | | Power | 23kw |

Dimensions are for guidance only. Exact dimensions can be acquired from the factory. Other configurations such as canopy units may well have different dimensions.

Always check with DXB Pump & Power Limited

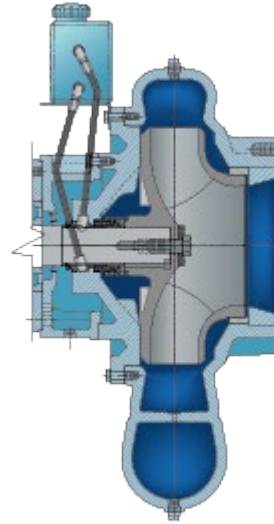


PUMP AND POWER CURVES

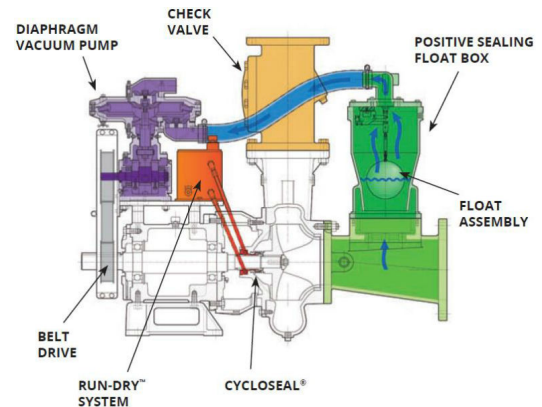


FEATURES AND BENEFITS

Patented Cycloseal with run-dry capability for extended seal life and low cost of ownership. The Cycloseal design incorporates deflector vanes in the seal housing which combine with impeller back pump out vanes to remove foreign particles from around the seal area reducing wear and damage seen in non-Cycloseal designs used by other manufacturers.



50 cfm Cornell oil free Redi-Prime vacuum priming pump for fast priming, driven directly by toothed belt from the main pump shaft and includes the positive sealing float chamber with large volume priming chamber reducing liquid carryover and possible pump damage. The Redi-Prime system also includes the Cornell patented non return valve with top or horizontal discharge system



| COMPARE REDI-PRIME® AND VENTURI-PRIME | | | | |
|---------------------------------------|------------------|-----------------------|------|------------------------|
| SYSTEM | PRIMING SPEED | OPERATING TEMPERATURE | COST | CARRY-OVER CONTAINMENT |
| Redi-Prime® | Up to 50 CFM | | | Excellent |
| Venturi Prime | Less than 20 CFM | | | Fair |