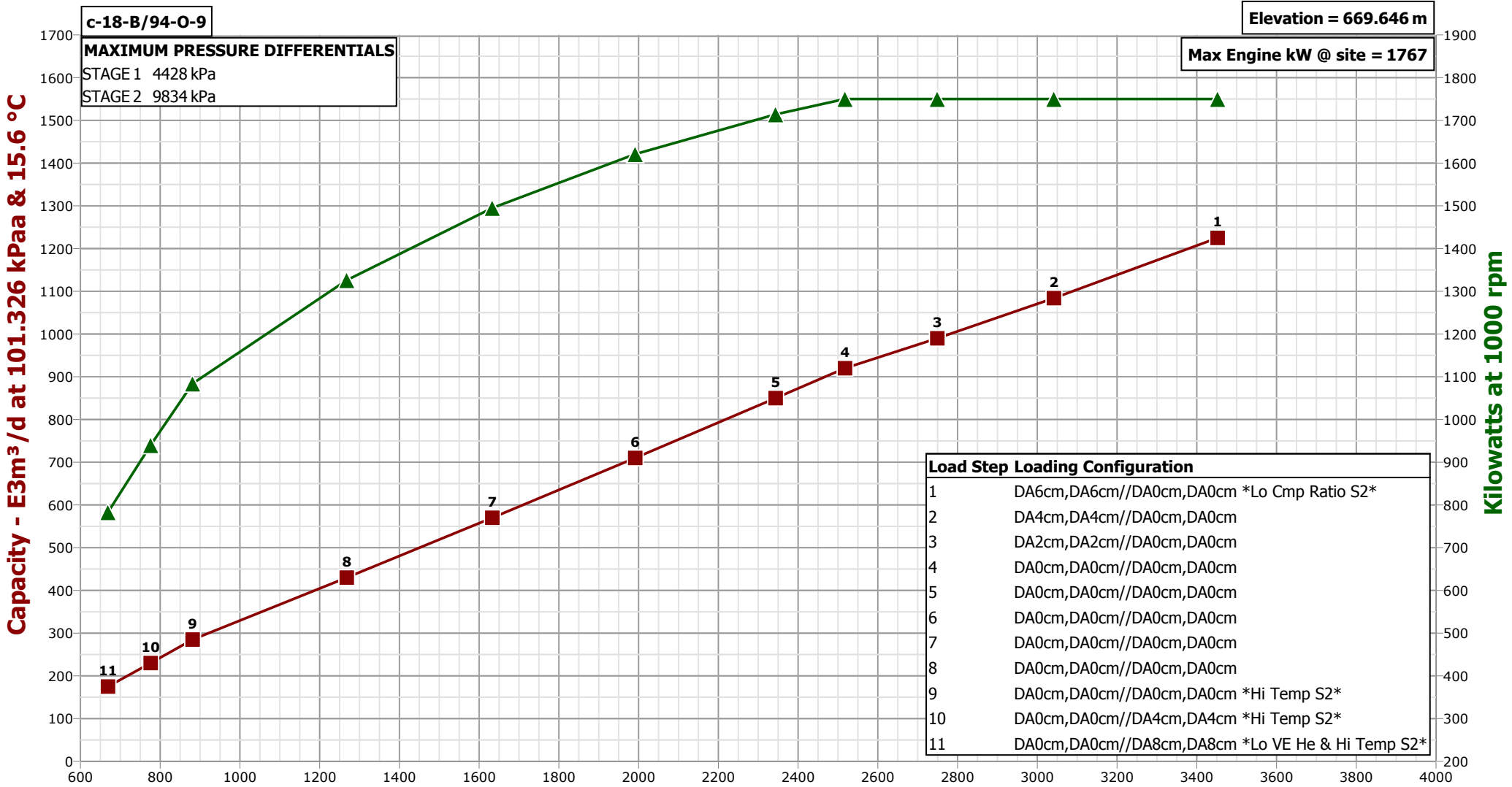


Trail c-18-B Compressor Unit 1163

Caterpillar G3608TALE/AFRC/Ariel JGC/4 @ 8200 kPagd



c-18-B/94-0-9
MAXIMUM PRESSURE DIFFERENTIALS
STAGE 1 4428 kPa
STAGE 2 9834 kPa

Elevation = 669.646 m
Max Engine kW @ site = 1767

Load Step Loading Configuration

| | |
|----|--|
| 1 | DA6cm,DA6cm//DA0cm,DA0cm *Lo Cmp Ratio S2* |
| 2 | DA4cm,DA4cm//DA0cm,DA0cm |
| 3 | DA2cm,DA2cm//DA0cm,DA0cm |
| 4 | DA0cm,DA0cm//DA0cm,DA0cm |
| 5 | DA0cm,DA0cm//DA0cm,DA0cm |
| 6 | DA0cm,DA0cm//DA0cm,DA0cm |
| 7 | DA0cm,DA0cm//DA0cm,DA0cm |
| 8 | DA0cm,DA0cm//DA0cm,DA0cm |
| 9 | DA0cm,DA0cm//DA0cm,DA0cm *Hi Temp S2* |
| 10 | DA0cm,DA0cm//DA4cm,DA4cm *Hi Temp S2* |
| 11 | DA0cm,DA0cm//DA8cm,DA8cm *Lo VE He & Hi Temp S2* |

Compressor Detail

Ariel JGC/4 4 Throw 2 Stage
Stage 1 Cyl = (2) 26.3525 cm w/VVCP
Stage 2 Cyl = (2) 17.145 cm w/VVCP
Stroke = 16.51 cm Rod Dia= 6.35cm
Internal Rod Load= 27210.9 C. /// 25850.355 T.kg

Cooler & Aux Detail

Manufacturer = Air-X-Changer
Model = 108F3S
Fan, Water Pump & Aux kW = 94

Driver Detail

Manufacturer = Caterpillar
Model = G3608TALE/AFRC
Aspiration = Turbo
Compression Ratio = 9.2
Rated rpm = 1000
Max kW @Sea Level = 1767
Gear Ratio = 1 : 1