# Compressor Performance Table

## Gas Lift Application Ranges

**Unit:** **Roska CB19**

| | | | |
|---|---|---|---|
| Field Gas | sg = 0.65 | | |
| Frame | JGA/2 | 2 stage | |
| Cyl 1: | 3JG | 3.00" | 2550 psig MAWP |
| Cyl 2: | 3JG | 2.75" | 2550 psig MAWP |
| Driver: | F11GSI | 250 HP | Nat. Gas |
| | | | Waukesha |

| | |
|---|---|
| DE | Discharge Event |
| PC | Packing Cooling |
| BHP | Base Horsepower |
| BLTHRU | Blowthrough |
| T | Discharge Temperature |
| r | Xhd Pin |
| V | Volumetric Efficiency |
| RDP | Rated Discharge Pressure |
| RL | Rod Load |

**>= 80% BHP**

| Discharge Pressure (psi) | Suction Pressure (psi) 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | **BLTHRU** | | | | | | | | | | | | | | | |
| 200 | 0.4 | **BLTHRU** | | | | | | | | | | | | | | |
| 300 | 0.4 | 0.8 | **BLTHRU** | | | | | | | | | | | | | |
| 400 | 0.4 | 0.8 | 1.2 | **BLTHRU** | | | | | | | | | | | | |
| 500 | 0.4 | 0.8 | 1.2 | 1.6 | | | | | | | | | | | | |
| 600 | 0.4 | 0.8 | 1.2 | 1.6 | **BLTHRU** | | | | | | | | | | | |
| 700 | 0.4 | 0.7 | 1.1 | 1.6 | 2.0 | **BLTHRU** | | | | | | | | | | |
| 800 | 0.3 | 0.7 | 1.1 | 1.6 | 2.0 | 2.5 | **BLTHRU** | | | | | | | | | |
| 900 | 0.3 | 0.7 | 1.1 | 1.5 | 2.0 | 2.4 | 2.8 | **BLTHRU** | | | | | | | | |
| 1000 | 0.3 | 0.7 | 1.1 | 1.5 | 2.0 | 2.4 | 2.8 | 3.3 | | | | | | | | |
| 1100 | 0.3 | 0.7 | 1.1 | 1.5 | 2.0 | 2.4 | 2.8 | 3.3 | **BLTHRU** | | | | | | | |
| 1200 | 0.3 | 0.7 | 1.1 | 1.5 | 1.9 | 2.4 | 2.8 | 3.3 | 3.8 | **BLTHRU** | | | | | | |
| 1300 | **T** | 0.7 | 1.1 | 1.5 | 1.9 | 2.4 | 2.8 | 3.3 | 3.8 | 4.3 | **BLTHRU** | | | | | |
| 1400 | | 0.7 | 1.1 | 1.5 | 1.9 | 2.4 | 2.8 | 3.3 | 3.8 | 4.3 | 4.7 | **BLTHRU** | | | | |
| 1500 | | 0.7 | 1.1 | 1.5 | 1.9 | 2.4 | 2.8 | 3.2 | 3.8 | 4.3 | 4.7 | 5.3 | | | | |
| 1600 | | 0.7 | 1.1 | 1.5 | 1.9 | 2.4 | 2.8 | 3.2 | 3.7 | 4.3 | 4.7 | 5.3 | **BLTHRU** | | | |
| 1700 | | 0.7 | 1.1 | 1.5 | 1.9 | 2.4 | 2.7 | 3.2 | 3.7 | 4.2 | 4.7 | 5.3 | 5.9 | **BLTHRU** | | |
| 1800 | | 0.6 | 1.0 | 1.5 | 1.9 | 2.3 | 2.7 | 3.2 | 3.7 | 4.2 | 4.7 | 5.3 | 5.8 | 6.3 | **BLTHRU** | |
| 1900 | | 0.6 | 1.0 | 1.5 | 1.9 | 2.3 | 2.7 | 3.2 | 3.7 | 4.2 | 4.7 | 5.3 | 5.8 | 6.3 | 6.9 | |
| 2000 | | **T** | 1.0 | 1.4 | 1.9 | 2.3 | 2.7 | 3.2 | 3.7 | 4.2 | 4.7 | 5.3 | 5.8 | 6.3 | 6.8 | **BLTHRU** |
| 2100 | | | 1.0 | 1.4 | 1.9 | 2.3 | 2.7 | 3.2 | 3.7 | 4.2 | 4.7 | 5.2 | 5.8 | 6.3 | 6.8 | 7.4 |
| 2200 | | | 1.0 | 1.4 | 1.9 | 2.3 | 2.7 | 3.2 | 3.7 | 4.2 | 4.6 | 5.2 | 5.8 | 6.3 | 6.8 | 7.4 |
| 2300 | | | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** | **RDP** |