



Compressor Performance Table Gas Lift Application Ranges

Unit: Roska CB17

Driver: Caterpillar 3406TAW 325 BHP
 Frame: Gemini FE332D-2 2 stage
 Cylinder 1: 4" bore 90 Series 1,682 PSIG
 Cylinder 2: 2.75" bore 83 Series 2,273 PSIG

Fist Stage PSV: 1,315 PSIG
 Discharge PSV: 2,250 PSIG
 Cooler MAWP: 2,275 PSIG

**> 80% BHP
HP Limited**

Flow - MMSCFD		Suction Pressure (psi)													
sg = 0.65		50	100	150	200	250	300	350	400	450	500	550	600	650	
15															
100	0.4														
200	0.4	0.7													
300	0.4	0.7	1.0												
400	0.3	0.7	1.0	1.4											
500	0.3	0.7	1.0	1.4	1.7										
600	0.3	0.6	1.0	1.3	1.7	2.1									
700	0.3	0.6	1.0	1.3	1.7	2.1	2.4								
800	0.3	0.6	1.0	1.3	1.7	2.0	2.4	2.8							
900		0.6	0.9	1.3	1.7	2.0	2.4	2.8	3.2						
1000		0.6	0.9	1.3	1.6	2.0	2.4	2.8	3.2	3.6					
Discharge Pressure (psi)															
1100		0.6	0.9	1.3	1.6	2.0	2.4	2.7	3.1	3.5	4.0				
1200		0.6	0.9	1.2	1.6	2.0	2.3	2.7	3.1	3.5	3.9	4.4			
1300		0.5	0.9	1.2	1.6	2.0	2.3	2.7	3.1	3.5	3.9	4.3	4.8		
1400		0.5	0.9	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9	4.3	4.8		
1500		0.5	0.9	1.2	1.6	1.9	2.3	2.7	3.1	3.5	3.9	4.3	4.7		
1600			0.8	1.2	1.5	1.9	2.3	2.7	3.1	3.5	3.9	4.3	4.7		
1700			0.8	1.2	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.3	4.3		
1800			0.8	1.2	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.3	4.3		
1900			0.8	1.1	1.5	1.9	2.2	2.6	3.0	3.4	3.8	4.2	4.2		
2000			0.8	1.1	1.5	1.9	2.2	2.6	3.0	3.4	3.8	4.2	4.2		
2100			0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.4	3.8	4.2	4.2		
2200			0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.4	3.8	3.8	3.8		
2250			0.8	1.1	1.5	1.8	2.2	2.6	3.0	3.4	3.8	3.8	3.8		