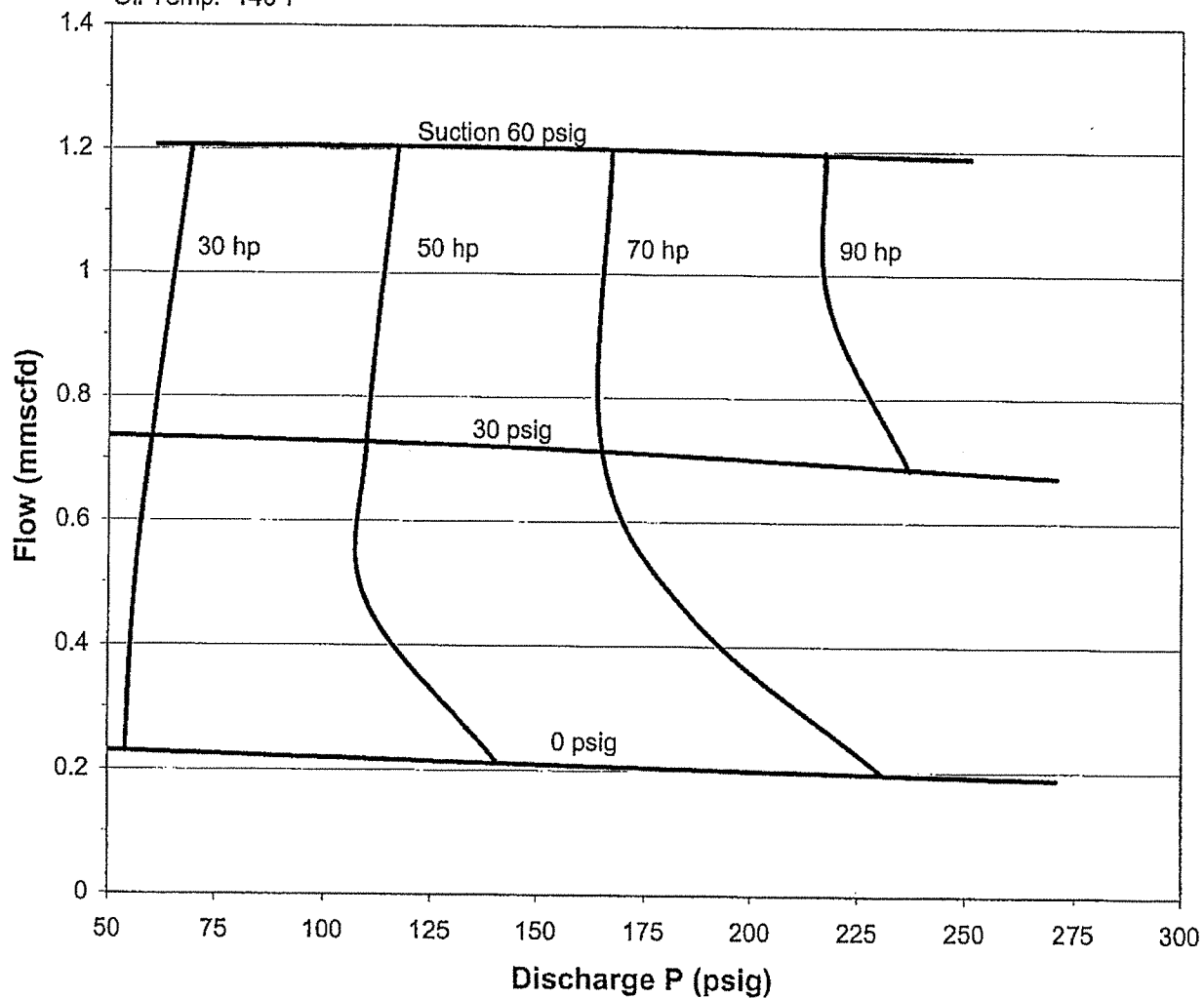




### PERFORMANCE CURVE HOWDEN COMPRESSOR MODEL XRV 127R5 165

Information based on:

Mole Wt. 17.5  
K-Value 1.26  
Inlet Temp. 60°F  
RPM - 1800  
Oil Temp. 140°F



The information on this curve is subject to change without notice. Startec Compression Services reserves the right to final verification of all rating results.



**PERFORMANCE DATA SHEET**  
**COMPRESSOR: HOWDEN XRV 127R5 @ 1800rpm**

Information based on: Gas Molecular Wt. 17 Compressor Inlet Temp. 60°F  
 K-Value 1.26 Oil Temp. 140°F

PRESSURE	Discharge Pressure (psig)										
	75	100	125	150	175	200	225	250	260	270	
0	0.23 35.8	0.22 41.4	0.22 46.8	0.21 52.5	0.21 58.2	0.21 63.7	0.20 69.3	0.20 74.8	0.20 76.9	0.19 79.1	
10	0.40 38.5	0.39 46.3	0.38 52.8	0.38 59	0.37 65	0.37 70.2	0.36 75.6	0.36 81.2	0.35 83.4	0.35 85.6	
20	--	0.57 47.3	0.56 55.9	0.55 63.3	0.54 70.4	0.53 76.4	0.52 82.5	0.52 88.2	0.51 90.2	0.51 92.6	
30	--	0.73 46.3	0.73 56.2	0.72 65.5	0.71 73.8	0.70 80.7	0.69 87.6	0.68 94	0.68 96.1	0.68 98.8	
40	--	0.90 45.3	0.89 55.4	0.89 65.3	0.89 75.1	0.88 83.8	0.86 91	0.85 98.2	0.85 101	0.85 104	
50	--	--	1.05 54.5	1.05 64.5	1.05 74.5	1.05 84.3	1.04 93.2	1.02 101	1.02 104	--	
60	--	--	1.21 53.6	1.21 63.8	1.21 73.8	1.20 83.7	1.20 93.6	1.19 103	--	--	

Flow rates in mmscfd at 1800 rpm

Compressor horsepower requirement

NOTE: Full Load Horsepower values have a +/- 5% tolerance based on Howden technical specifications. (Program Reference 0101/0109)  
 The information in these charts is subject to change without notice. Startec reserves the right to final verification of all specified values.