
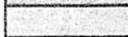









# 9000 Series 220 hp JIRO Enerflex

SSQ (3.0Vi) - Gardner Denver Gas Screw Compressor Flow Table At 1800 RPM

DISCHARGE PRESSURE (psig)

Pressure (psig)	DISCHARGE PRESSURE (psig)											
	50	60	80	100	120	140	160	180	200	220	240	250
0	0.889	0.886	0.881	0.876	0.871	0.866	0.777	0.691	0.632	0.586	0.546	0.527
	94	106	128	148	168	187	190	190	190	190	190	190
5	1.234	1.232	1.227	1.221	1.216	1.129	0.995	0.873	0.755	0.638	0.513	x
	97	110	135	158	179	190	190	190	190	190	190	x
10	1.580	1.577	1.572	1.567	1.562	1.369	1.191	1.025	0.861	0.688	x	x
	103	111	139	164	187	190	190	190	190	190	x	x
15	1.925	1.922	1.917	1.912	1.856	1.604	1.375	1.157	0.937	x	x	x
	107	117	140	168	190	190	190	190	190	x	x	x
20	2.270	2.268	2.253	2.258	2.154	1.142	1.556	1.278	0.988	x	x	x
	107	120	145	169	190	190	190	190	190	x	x	x
25	2.613	2.613	2.608	2.603	2.468	2.089	1.741	1.398	x	x	x	x
	107	120	149	172	190	190	190	190	x	x	x	x
30	2.954	2.954	2.954	2.948	2.774	2.351	1.932	1.519	x	x	x	x
	107	116	148	178	190	190	190	190	x	x	x	x
35	3.299	3.299	3.299	3.294	2.981	2.632	2.145	1.653	x	x	x	x
	107	105	145	179	190	190	190	190	x	x	x	x
40	3.638	3.638	3.638	3.638	3.225	2.779	2.375	1.804	x	x	x	x
	107	107	141	178	190	190	190	190	x	x	x	x
45	3.985	3.985	3.985	3.985	3.516	2.947	2.503	1.982	x	x	x	x
	107	102	136	175	190	190	190	190	x	x	x	x
50	4.330	4.330	4.330	4.330	3.858	3.149	2.689	2.084	x	x	x	x
	107	100	125	169	190	190	190	190	x	x	x	x

-  -COMPRESSOR LOAD FACTOR AT 80%
-  -COMPRESSOR LOAD FACTOR AT 70%
-  -COMPRESSOR LOAD FACTOR AT 60%
-  -COMPRESSOR LOAD FACTOR AT 50%
-  -COMPRESSOR LOAD FACTOR AT 40%

-  -Flow rates calculated in mmscfd at 1800 RPM +/- 10%
-  -BRAKE HORSE POWER (190 hp useable) +/- 10%
-  -Low Differential Pressure
-  -Consult Engineering

Operating Conditions: Elevation 2500 feet; SG = 0.65; RPM = 1800;

Ambient Temperature 95 deg. F; Inlet Temperature 60 deg.F.

The maximum Differential Pressure for this compressor is 200 psig.

This chart is created by Jiro Engineering using Gardner Denver sizing program - Rotosize version 4.40.