
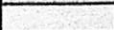

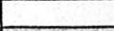







3500 Series 95 hp JIRO Enerflex

SSH (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	260	280	300	320	
0	0.328	0.327	0.325	0.323	0.322	0.321	0.318	0.291	0.269	0.250	0.238	0.225				
	35	39	48	55	63	70	77	80	80	80	80	80	80	80	80	
5	0.456	0.455	0.453	0.451	0.449	0.448	0.420	0.377	0.336	0.298	0.263	0.225				
	36	41	50	59	67	75	80	80	80	80	80	80	80	80	X	
10	0.584	0.583	0.581	0.581	0.578	0.576	0.512	0.457	0.398	0.340	0.296	0.244	X	X	X	
	38	41	51	61	70	78	80	80	80	80	80	80	X	X	X	
15	0.713	0.712	0.711	0.708	0.706	0.680	0.601	0.527	0.457	0.390	0.319	X	X	X	X	
	40	43	51	62	72	80	80	80	80	80	80	X	X	X	X	
20	0.841	0.841	0.839	0.837	0.835	0.790	0.689	0.599	0.512	0.411	0.328	X	X	X	X	
	40	44	53	62	72	80	80	80	80	80	80	X	X	X	X	
25	0.971	0.971	0.968	0.966	0.964	0.900	0.781	0.667	0.571	0.454	X	X	X	X	X	
	38	44	54	63	73	80	80	80	80	80	X	X	X	X	X	
30	1.099	1.099	1.097	1.095	1.093	1.019	0.866	0.757	0.619	0.482	X	X	X	X	X	
	34	42	54	65	73	80	80	80	80	80	X	X	X	X	X	
35	1.226	1.226	1.227	1.225	1.223	1.147	0.968	0.821	0.671	0.508	X	X	X	X	X	
	28	39	53	65	75	80	80	80	80	80	X	X	X	X	X	
40	1.353	1.353	1.356	1.354	1.353	1.229	1.070	0.907	0.728	0.535	X	X	X	X	X	
	22	35	51	65	76	80	80	80	80	80	X	X	X	X	X	
45	1.480	1.480	1.485	1.485	1.483	1.318	1.172	0.994	0.793	0.584	X	X	X	X	X	
	14	29	49	63	76	80	80	80	80	80	X	X	X	X	X	
50	X	1.615	1.617	1.615	1.613	1.420	1.226	1.066	0.872	0.635	X	X	X	X	X	
	X	22	46	61	75	80	80	80	80	80	X	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 mmscf at 1800 RPM +/- 10%
-  -BRAKE HORSE POWER (80 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.