






# 24009 series 220 h.p. Jiro Manufacturing Ltd.

## SSUG - Gardner Denver Gas Screw Compressor Flow Table At 1800 RPM

		DISCHARGE PRESSURE											
		40	45	50	55	60	65	70	75	80	85	90	100
S U C T I O N	0	1.335	1.333	1.331	1.329	1.328	1.326	1.324	1.322	1.056	1.054	1.053	1.051
		120	130	139	149	157	166	174	182	161	168	175	188
	5	1.856	1.854	1.852	1.851	1.849	1.847	1.845	1.843	1.473	1.471	1.471	2.233
		125	133	144	154	164	174	184	193	171	179	186	196
	10	2.379	2.377	2.375	2.373	2.371	2.369	2.367	2.365	1.967	1.969	1.968	2.619
		130	147	150	158	166	177	188	198	176	185	193	197
	15	2.092	2.901	2.898	2.896	2.894	2.892	2.891	2.601	2.309	2.309	2.306	2.616
		127	141	154	165	175	184	192	184	178	187	196	197
	17	3.112	3.111	3.108	3.106	3.104	3.102	2.792	2.788	2.477	2.476	2.726	2.762
		123	139	153	166	177	187	182	189	179	187	197	197
	20	3.246	3.425	3.423	3.421	3.419	3.417	3.073	3.072	2.729	2.727	2.635	2.632
		116	134	150	165	178	189	185	194	185	191	197	197
22	3.637	3.635	3.633	3.631	3.629	3.627	3.262	3.261	2.897	2.895	2.632	2.628	
	110	129	148	162	177	189	186	196	187	195	196	198	
25	3.952	3.951	3.948	3.946	3.944	3.942	3.546	3.454	3.149	3.148	2.753	2.753	
	99	121	140	158	173	188	186	197	190	198	198	198	
30	4.479	4.477	4.475	4.473	4.471	4.469	4.021	4.019	3.571	3.564	3.221	3.221	
	76	102	125	146	164	181	182	196	190	201	198	198	

-  -COMPRESSOR LOAD FACTOR AT 90%
-  -COMPRESSOR LOAD FACTOR AT 80%
-  -COMPRESSOR LOAD FACTOR AT 60%
-  -Ab: are calculated in mmscfd at 1800 RPM THE
-  -Brake Horse Power (Caterpillar 3306 NA) +/- 10 %