

9000 Series 240 h.p. Enhanced Recovery Systems Inc.

160LM - MYCOM Gas Screw Compressor Flow Table At 1800 RPM

		DISCHARGE PRESSURE											
Pressure		80	100	120	140	160	180	200	220	240	260	280	300
	0		0.592	0.579	0.559	0.533	0.514	0.495	0.475	0.454	0.432	0.411	0.387
		97	109	121	130	142	154	165	177	189	200	212	223
10		1.035	1.021	1.001	0.973	0.955	0.936	0.916	0.895	0.873	0.851	0.828	0.804
		99	116	129	140	152	164	176	189	201	213	226	238
20		1.476	1.463	1.443	1.414	1.396	1.377	1.357	1.336	1.314	1.292	1.269	0.871
		101	118	136	148	161	174	187	200	213	226	239	201
30		1.919	1.904	1.884	1.856	1.837	1.818	1.798	1.777	1.756	1.733	1.197	1.181
		103	121	138	157	171	184	198	211	225	238	201	212
40		2.361	2.346	2.327	2.297	2.278	2.259	2.239	2.218	2.196	1.522	1.505	1.489
		105	123	141	166	180	194	208	222	237	200	212	223
50		2.802	2.788	2.768	2.737	2.719	2.701	2.681	2.659	1.846	1.831	1.814	1.797
		107	125	143	174	189	203	218	233	198	210	222	234
60		*****	3.231	3.209	3.178	3.161	3.141	3.121	2.169	2.155	2.139	2.123	*****
		*****	127	146	182	197	213	228	194	207	219	232	*****
70		*****	3.672	3.652	3.619	3.601	3.582	3.562	2.478	2.463	NOTE: SLIDE VALVE SET AT 70% CAPACITY		
		*****	129	148	189	206	222	238	203	216			
80		*****	*****	4.093	4.061	4.042	4.023	2.802	2.787	2.772	*****	*****	*****
		*****	*****	151	197	214	230	197	211	224	*****	*****	*****

- OIL PUMP IS REQUIRED FOR COMPRESSOR LUBRICATION, IF DIFFERENTIAL FROM SUCTION TO DISCHARGE IS LESS THAN 70PSI
- COMPRESSOR LOAD FACTOR AT 70 % CAPACITY
- Above flow rates are calculated in mmscfd at 1800 RPM
- Brake Horse Power

For More Information Contact Brady Flett at 1-403-740-6100