

3500 Series 90 h.p. Jiro Manufacturing Ltd.

160FMG - MYCOM Gas Screw Compressor Flow Table At 2400 RPM

DISCHARGE PRESSURE

Pressure	DISCHARGE PRESSURE											
	80	100	120	140	160	180	200	220	240	260	280	300
0	0.219	0.209	0.199	0.189	0.181	0.169	0.159	0.148	0.137	0.125	0.113	0.101
	39	44	48	53	58	62	67	72	76	81	86	91
10	0.397	0.382	0.369	0.358	0.348	0.338	0.328	0.317	0.305	0.293	0.197	0.188
	42	47	52	57	62	67	72	76	81	86	73	77
S 20	0.574	0.555	0.539	0.526	0.516	0.506	0.496	0.485	0.473	0.323	0.315	0.306
	45	50	56	60	65	71	76	81	86	73	77	81
U 30	0.751	0.727	0.709	0.694	0.685	0.674	0.664	0.653	0.449	0.441	0.432	0.424
	47	53	58	64	69	75	80	86	73	77	82	86
C 40	0.928	0.899	0.879	0.862	0.853	0.843	0.832	0.821	0.567	0.559	0.549	0.541
	50	56	61	67	73	79	84	90	76	81	86	90
T 50	*****	1.072	1.049	1.029	1.021	1.011	1.001	0.692	0.684	0.576	0.668	*****
	*****	58	64	70	76	82	88	75	80	85	90	*****
I 60	*****	1.245	1.219	1.199	1.189	1.179	0.818	0.811	0.802	0.793	*****	*****
	*****	61	67	74	80	86	74	79	84	89	*****	*****
O 70	*****	1.417	1.391	1.367	1.357	1.347	0.936	0.928	0.919	NOTE: SLIDE VALVE SET		
	*****	64	70	77	83	90	77	82	87	AT 70% CAPACITY		
N 80	*****	*****	1.561	1.535	1.525	1.061	1.053	1.046	*****	*****	*****	*****
	*****	*****	73	80	87	75	80	85	*****	*****	*****	*****

- OIL PUMP IS REQUIRED FOR COMPRESSOR LUBRICATION (OIL PUMP REQUIRED IF DIFFERENTIAL FROM SUCTION TO DISCHARGE IS LESS THAN 70)
- COMPRESSOR LOAD FACTOR AT 70% CAPACITY
- Above flow rates are calculated in mmscfd at 2400 RPM
- available with 1200 b.t.u fuel gas)

For More Information Contact 1-888-742-5550