

8400 Series 145 h.p. Jiro Compression Ltd.

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

DISCHARGE PRESSURE

Pressure	DISCHARGE PRESSURE														
	60	80	100	120	140	160	180	200	220	240	260	280	300		
0	0.591 85	0.585 96	0.567 108	0.547 120	0.423 120	0.408 130	0.383 121	0.271 129	0.215 124	0.163 121	0.154 128	0.102 121			
10	1.044 91	1.037 104	1.011 116	0.988 126	0.772 128	0.557 130	0.545 125	0.444 120	0.433 126	0.338 121	0.328 127	0.239 120			
S 20	1.496 97	1.490 111	1.455 124	1.442 124	1.142 124	0.819 122	0.807 130	0.662 123	0.521 118	0.512 125	0.327 119	0.327 125			
U 30	1.948 104	1.942 118	1.520 118	1.366 115	1.092 118	1.081 128	0.891 122	0.881 130	0.696 126	0.515 121	0.518 122	0.334 121			
C 40	2.401 109	2.394 124	1.875 125	1.366 115	1.355 125	1.119 120	1.109 129	0.379 125	0.553 124	0.646 128	0.426 122	0.421 128			
T 50	X	2.847 130	X	X	1.627 121	1.347 117	1.338 126	1.062 122	0.730 120	0.734 127	0.518 123	0.513 129			
I 60	X	X	X	1.913 115	1.390 126	1.566 122	1.245 120	0.922 126	0.610 122	0.605 129	X	X			
O 70	X	X	X	2.177 120	1.793 118	1.784 128	1.420 126	0.701 120	0.697 127	X	X	X			
N 80	X	X	2.472 113	2.440 125	2.011 122	1.602 121	1.196 120	0.789 125	X	X	X	X			

- COMPRESSOR LOAD FACTOR AT 80% CAPACITY
 - COMPRESSOR LOAD FACTOR AT 70% CAPACITY
 - COMPRESSOR LOAD FACTOR AT 60% CAPACITY
 - COMPRESSOR LOAD FACTOR AT 50% CAPACITY
 - COMPRESSOR LOAD FACTOR AT 40% CAPACITY
 - COMPRESSOR LOAD FACTOR AT 30% CAPACITY
 - COMPRESSOR LOAD FACTOR AT 20% CAPACITY
- Brake Horse Power (Caterpillar 3306 NA) (+/-10%)
 -Above flow rates are calculated in mm³/d at 1800 RPM
 (PLEASE NOTE BRAKE HP BASED ON 130 HP)(+/-10%)