

PERFORMANCE CHART
BGS Q-4240M
1- 3/4" TO 3-3/8" X 4-1/2" QUINTUPLEX PUMP

POWER MODEL		BGS Q-4240M					
MAX. PRESS. (PSI)		3600	3190	2800	2480	2210	1790
PLNGR. DIA. (INCHES)		1-3/4"	1-7/8"	2"	2-1/8"	2-1/4"	2-1/2"
DISPLACEMENT VOLUME 100% V. E.		PUMP SPEED IN REVOLUTIONS PER MINUTE					
GMP	BPH						
28	40	120	104				
35	50	149	130	114	101		
42	60	179	156	137	122	108	
56	80	239	208	183	162	145	117
70	100	299	260	229	203	181	146
84	120	349	312	275	243	217	176
98	140	418	364	320	284	253	205
112	160		416	366	324	289	234
126	180			411	365	325	264
140	200				405	361	293
154	220					397	322
168	240						351
182	260						381
198	280						414
GPM PER RPM		.2343	.2689	.3060	.3455	.3873	.4781
BPH PER RPM		.3347	.3842	.4371	.4935	.5533	.6830

BRAKE HORSEPOWER (BHP) = GPM X PSI ÷ 1540
 BRAKE HORSEPOWER IS BASED ON 90% MECH. EFF.

CONTINUOUS SPEEDS: MINIMUM = 125 RPM, MAXIMUM = 390 RPM
 INTERMITTENT SPEEDS: MINIMUM = 100 RPM, MAXIMUM = 430 RPM