



COMPRESSOR RPM FOR VARIOUS SHEAVES AND DRIVES

Piston Displacement At Compressor RPM Increments For Available Drive Sheaves
 Bhp Is Drive System Rating At 1.4 Service Factor Outlined Speeds Are Intermittent Duty Only

160 / 170 SERIES - 1750 RPM - (60 CYCLE)

BHP	RPM	Series 160 Series 170	
		displ.cfm	displ.cfm
5.8	330	6.8	3.4
6.4	350	7.2	3.6
8.7	370	7.6	3.8
9.5	395	8.1	4.0
10.3	415	8.5	4.2
11.1	440	9.0	4.5
11.9	460	9.4	4.7
12.7	480	9.8	4.9
13.5	505	10.4	5.2
14.3	525	10.8	5.4
15.1	545	11.2	5.6
15.9	570	11.7	5.8
16.5	590	12.1	6.0
17.3	615	12.6	6.3
18.0	635	13.0	6.5
18.8	655	13.4	6.7
19.5	680	13.9	7.0
20.3	700	14.4	7.2
21.0	720	14.8	7.4
20.2	745	15.3	7.6
21.1	765	15.7	7.8
23.0	810	16.6	8.3

160 / 170 SERIES - 1450 RPM (50 CYCLE)

BHP	RPM	Series 160 Series 170	
		displ.cfm	displ.cfm
8.3	325	6.7	3.3
9.0	345	7.0	3.5
9.7	365	7.5	3.7
10.4	380	7.8	3.9
11.1	400	8.2	4.1
11.8	415	8.5	4.2
12.5	435	8.9	4.4
13.2	455	9.3	4.7
13.9	470	9.6	4.8
14.4	490	10.0	5.0
15.1	510	10.5	5.2
15.8	525	10.8	5.4
16.5	545	11.2	5.6
17.1	560	11.5	5.7
17.8	580	11.9	5.9
18.5	600	12.3	6.1
17.7	615	12.6	6.3
18.6	635	13.0	6.5
20.3	670	13.7	6.9
22.8	725	14.9	7.4
24.8	780	16.0	8.0
26.0	815	16.7	8.3

340 / 360 / 370 SERIES - 1750 RPM (60 CYCLE)

BHP	RPM	Series 340 Series 360 Series 370		
		displ.cfm	displ.cfm	displ.cfm
5.8	330	6.5	14.4	9.6
6.4	350	6.9	15.3	10.2
8.7	370	7.3	16.1	10.8
9.5	395	7.8	17.2	11.5
10.3	415	8.2	18.1	121.0
11.1	440	8.7	19.2	128.0
11.9	460	9.1	20.1	13.4
12.7	480	9.5	20.9	14.0
13.5	505	9.9	22.0	14.7
14.3	525	10.3	22.9	15.3
15.1	545	10.7	23.8	15.9
15.9	570	11.2	24.9	16.6
16.5	590	11.6	25.7	17.2
17.3	615	12.1	26.8	18.0
18.0	635	12.5	27.7	18.5
18.8	655	12.9	28.6	19.1
19.5	680	13.4	29.6	19.9
20.3	700	13.8	30.5	20.4
21.0	720	14.2	31.4	21.0
20.2	745	14.7	32.5	21.8
21.1	765	15.1	33.4	22.3
23.0	810	16.0	35.3	23.7

340 / 360 / 370 SERIES -1450 RPM (50 CYCLE)

BHP	RPM	Series 340 Series 360 Series 370		
		displ.cfm	displ.cfm	displ.cfm
8.3	325	6.4	14.2	9.5
9.0	345	6.8	15.0	10.1
9.7	365	7.2	15.9	10.7
10.4	380	7.5	16.6	11.1
11.1	400	7.9	17.4	11.7
11.8	415	8.2	18.1	12.1
12.5	435	8.6	19.0	12.7
13.2	455	9.0	19.8	13.3
13.9	470	9.3	20.5	13.7
14.4	490	9.7	21.4	14.3
15.1	510	10.0	22.2	14.9
15.8	525	10.3	22.9	15.3
16.5	545	10.7	23.8	15.9:
17.1	560	11.0	24.4	16.4
17.8	580	11.4	25.3	16.9
18.5	600	11.8	26.2	17.5
17.7	615	12.1	26.8	18.0
18.6	635	12.5	27.7	18.5
20.3	670	13.2	29.2	19.6
22.8	725	14.3	31.6	21.2
24.8	780	15.4	34.0	22.8
26.0	815	16.1	35.5	23.8

COMPRESSOR RPM FOR VARIOUS SHEAVES AND DRIVES

Piston Displacement At Compressor RPM Increments For Available Drive Sheaves

Bhp Is Drive System Rating At 1.4 Service Factor Outlined Speeds Are Intermittent Duty Only

600 / 612 SERIES - 1750 RPM (60 CYCLE)

BHP	RPM	Series 600 Series 610	
		displ.cfm	displ.cfm
17.3	385	30.0	25.2
18.4	405	31.5	26.5
19.5	420	32.7	27.5
20.6	440	34.2	28.8
21.7	455	35.4	29.8
22.7	475	37.0	31.1
23.8	490	38.1	32.0
24.8	510	39.7	33.4
25.8	525	40.8	34.3
26.9	545	42.4	35.6
27.6	560	43.6	36.6
28.6	580	45.1	37.9
29.6	595	46.3	38.9
30.6	615	47.8	40.2
32.6	650	50.6	42.5
35.5	700	54.5	45.8
38.6	755	58.7	49.4
41.0	790	61.5	51.7

600 / 612 SERIES - 1450 RPM (50 CYCLE)

BHP	RPM	Series 600 Series 610	
		displ.cfm	displ.cfm
18.7	375	29.2	24.5
19.6	390	30.3	25.5
20.5	405	31.5	26.5
21.4	420	32.7	27.5
22.3	435	33.8	28.4
23.2	450	35.0	29.4
23.9	465	36.2	30.4
24.8	480	37.3	31.4
25.7	495	38.5	32.4
26.6	510	39.7	33.4
28.3	535	41.6	35.0
30.9	580	45.1	37.9
33.7	625	48.6	40.9
35.9	655	51.0	42.8
38.1	680	52.9	44.5
46.5	800	62.2	52.3

942 SERIES - 1750 RPM (60 CYCLE)

BHP	RPM	Series 942
		displ.cfm
23.5	355	53.2
26.5	375	56.2
29.4	400	60.0
32.9	425	63.7
36.5	450	67.5
41.1	480	72.0
45.8	515	77.2
50.4	545	81.7
55.1	580	86.9
59.7	615	92.2
65.4	655	98.2
71.1	700	104.2
76.7	740	110.9
79.5	760	113.9
85.1	800	119.9

942 SERIES - 1450 RPM (50 CYCLE)

BHP	RPM	Series 942
		displ.cfm
31.1	370	55.5
35.1	400	60.0
39.0	425	63.7
43.0	455	68.2
47.0	480	72.0
50.9	510	76.4
55.9	545	81.7
60.8	575	86.2
65.7	610	91.4
68.1	630	94.4
73.0	665	99.7
78.3	700	104.9
84.0	740	110.9
87.9	770	115.4
92.6	805	120.7