



SSCBL, PGBL RPM/BHP CHART

APPLIES TO MODEL
SERIES SSCBL, PGBL
for Pressure Drop
0.2-1.4 W.C.”

Size	Rise Deg. F	CFM	Total Adjusted Pressure Drop ("W.C.) - from Air Flow Pressure Drop Table						
			0.2	0.4	0.6	0.8	1	1.2	1.4
400	90	3300	420/.4	530/.55	600/.7	720/1.0	760/1.2	810/1.3	880/1.5
	85	3500	440/.5	550/.65	610/.80	730/1.1	770/1.25	820/1.4	890/1.8
	74	4000	470/.6	570/.8	640/1.0	740/1.25	780/1.4	830/1.8	900/1.9
	59	5000	540/1.0	610/1.25	700/1.5	780/1.8	810/2.0	880/2.2	950/2.6
	49	6000	600/1.5	690/1.75	740/2.0	820/2.5	860/2.7	900/3.0	970/3.2
	42	7000	710/2.3	770/2.7	820/3.0	890/3.5	920/3.7	960/4.0	1000/4.2
	37	8000	800/3.3	850/3.8	900/4.1	950/4.5	990/4.7	1020/5.0	1050/5.1
	33	9000	880/4.5	910/4.9	970/5.1	1010/6.0	1050/6.3	1080/7.0	1110/7.3
	30	10000	960/6.2	1010/7.0	1050/7.5	1120/8.0	1150/8.5	1200/8.8	1210/9.0
	27	11000	1100/8.7	1140/9.0	1180/9.5	1210/10.0	1240/10.2	1260/11.0	1300/11.5
	25	12000	1200/11.0	1240/11.5	1280/12.5	1300/13.0	1320/13.5	1350/14.0	1380/14.5
	23	13000	1300/14.5	1310/14.8	1350/15.2	1380/16.0	1400/16.2	1420/16.5	1450/17.0
21	14000	1380/17.5	1410/18.0	1400/19.0	1480/19.5	1500/20.0	—	—	
500	100	3700	560/.8	610/.9	680/1.1	770/1.3	810/1.5	880/1.6	940/1.9
	93	4000	590/.9	650/1.1	710/1.3	790/1.4	830/1.6	890/1.75	950/2.0
	74	5000	650/1.3	710/1.6	790/1.9	860/2.1	890/2.2	930/2.5	990/2.7
	62	6000	780/2.2	810/2.5	880/2.7	920/3.0	970/3.2	1000/3.5	1050/3.9
	53	7000	880/3.3	910/3.7	980/4.1	1020/4.4	1050/4.8	1100/5.0	1130/5.3
	46	8000	1000/5.0	1030/5.1	1070/5.5	1100/6.0	1150/6.2	1170/6.8	1200/7.2
	41	9000	1140/7.0	1160/7.2	1200/7.8	1230/8.0	1260/8.5	1290/8.7	1310/9.0
	37	10000	1240/9.5	1280/10.0	1310/10.5	1350/11.0	1380/11.5	1400/12.0	1420/12.3
	34	11000	1360/13.0	1400/13.5	1440/14.0	1470/14.5	1500/15.0	1520/15.1	1520/15.5
	31	12000	1480/16.0	1510/17.0	1550/17.5	1580/18.0	1600/18.5	—	—
600	100	4450	620/1.1	680/1.3	740/1.6	820/1.7	850/1.9	910/2.1	970/2.5
	89	5000	650/1.3	710/1.6	790/1.9	860/2.1	890/2.2	930/2.5	990/2.7
	74	6000	780/2.2	810/2.5	880/2.7	920/3.0	970/3.2	1000/3.5	1050/3.9
	63	7000	880/3.3	910/3.7	980/4.1	1020/4.4	1050/4.8	1100/5.0	1130/5.3
	56	8000	1000/5.0	1030/5.1	1070/5.5	1100/6.0	1150/6.2	1170/6.8	1200/7.2
	53	9000	1140/7.0	1160/7.2	1200/7.8	1230/8.0	1260/8.5	1290/8.7	1310/9.0
	44	10000	1240/9.5	1280/10.0	1310/10.5	1350/11.0	1380/11.5	1400/12.0	1420/12.3
	40	11000	1360/13.0	1390/13.5	1440/14.0	1470/14.5	1500/15.0	1520/15.1	1520/15.5
	39	11500	1420/15.0	1450/15.2	1500/16.0	1530/16.5	1550/17.2	1590/17.5	1600/18.0
	36	12500	1540/18.0	1560/18.6	1600/19.6	—	—	—	—
700	100	5200	590/1.3	660/1.4	730/1.6	800/1.8	880/2.2	910/2.5	980/2.8
	86	6000	640/1.6	730/1.9	790/2.3	850/2.6	900/3.0	940/3.2	1000/3.7
	74	7000	760/2.6	800/3.0	860/3.2	920/3.7	960/4.0	1000/4.2	1050/4.6
	65	8000	850/3.7	900/4.0	950/4.5	1000/4.8	1030/5.0	1060/5.5	1100/6.0
	58	9000	950/5.0	980/5.3	1030/6.0	1070/6.5	1100/7.0	1130/7.5	1200/8.0
	52	10000	1040/7.5	1110/7.8	1150/8.0	1180/8.5	1200/8.7	1230/9.0	1280/9.8
	47	11000	1200/8.7	1220/10.0	1250/10.6	1290/11.3	1310/11.8	1330/12.0	1370/12.6
	43	12000	1300/12.7	1320/13.0	1360/14.0	1380/14.5	1400/14.9	1430/15.5	1470/16.8
	40	13000	1390/16.2	1400/16.5	1440/17.0	1470/17.5	1500/18.0	1520/19.0	—
	38	13500	1440/17.0	1460/18.0	1490/19.0	1530/20.0	—	—	—
800	100	5900	650/1.6	730/2.0	800/2.4	860/2.6	900/3.0	940/3.2	1010/3.6
	85	7000	770/2.6	800/2.9	890/3.4	930/3.8	960/4.0	1000/4.2	1050/4.5
	74	8000	860/3.7	900/4.0	960/4.5	1000/4.8	1030/5.0	1070/5.5	1100/6.0
	66	9000	950/5.0	990/5.5	1040/6.0	1080/6.8	1100/7.2	1180/7.6	1200/8.0
	59	10000	1100/7.8	1130/8.1	1190/8.8	1220/9.0	1240/9.6	1280/9.8	1300/10.0
	54	11000	1210/9.9	1220/10.1	1260/11.0	1300/11.5	1320/12.3	1350/12.5	1380/12.8
	49	12000	1300/12.7	1340/13.0	1360/14.0	1400/14.8	1410/15.0	1450/15.5	1480/16.4
	46	13000	1400/16.2	1420/16.5	1450/17.5	1490/17.8	1510/18.2	1540/19.0	1560/19.5
	44	13500	1440/17.5	1470/18.2	1510/19.5	1530/20.0	—	—	—
1050	120	6500	710/2.0	770/2.4	820/2.7	900/3.1	930/3.3	980/3.7	1040/4.0
	111	7000	770/2.7	810/3.1	870/3.4	940/3.75	960/4.0	1010/4.3	1060/4.7
	97	8000	870/3.8	910/4.1	960/4.6	1010/4.9	1040/5.1	1070/5.6	1110/6.1
	86	9000	960/5.1	1000/5.5	1040/6.2	1080/7.0	1120/7.5	1190/7.8	1220/8.1
	78	10000	1100/7.7	1120/8.0	1160/8.5	1200/8.8	1240/9.0	1260/9.5	1290/10.0
	71	11000	1200/9.9	1220/10.1	1260/10.6	1300/11.5	1320/11.5	1340/12.0	1380/12.5
	65	12000	1310/12.8	1330/13.1	1370/14.5	1400/14.8	1410/15.0	1440/15.2	1460/15.7
	60	13000	1400/16.5	1410/17.0	1460/17.6	1490/18.0	1510/18.5	1540/19.0	1560/19.5
58	13500	1450/18.0	1480/18.5	1520/19.0	—	—	—	—	
1200	120	7400	810/3.1	870/3.5	920/3.8	970/4.1	1000/4.6	1050/4.8	1080/5.0
	111	8000	870/3.8	910/4.1	960/4.7	1000/4.9	1040/5.2	1080/5.8	1110/6.1
	99	9000	960/5.1	1000/5.7	1050/6.4	1080/7.0	1110/7.3	1190/7.8	1210/8.1
	89	10000	1110/7.8	1140/8.2	1200/9.0	1230/9.1	1250/9.7	1290/9.9	1310/10.5
	81	11000	1220/10.0	1230/10.2	1270/11.1	1310/11.6	1330/12.4	1360/12.5	1390/13.0
	74	12000	1310/12.8	1340/13.1	1370/14.1	1410/15.0	1420/15.4	1470/16.0	1490/16.5
	68	13000	1410/16.5	1420/17.0	1460/17.8	1500/18.2	1520/19.0	1550/19.6	—
	66	13500	1470/18.0	1490/18.5	1520/19.6	1540/20.0	—	—	—



**SSCBL,
PGBL
RPM/BHP
CHART (cont'd)**
APPLIES TO MODEL
SERIES SSCBL, PGBL
for Pressure Drop
1.6 - 3.0 W.C.”

Size	Rise Deg. F	CFM	Total Adjusted Pressure Drop ("W.C.) - from Air Flow Pressure Drop Table							
			1.6	1.8	2	2.2	2.4	2.6	2.8	3
400	90	3300	940/1.8	1000/2.0	1040/2.2	1090/2.7	1140/2.9	1190/3.1	1260/3.5	1270/3.6
	85	3500	950/1.9	1020/2.3	1050/2.5	1110/2.8	1150/3.0	1200/3.2	1270/3.6	1280/3.75
	74	4000	970/2.1	1030/2.6	1060/2.7	1120/3.0	1160/3.3	1205/3.6	1280/4.0	1290/4.2
	59	5000	1000/3.0	1060/3.3	1100/3.5	1140/3.8	1180/4.0	1220/4.3	1285/4.7	1300/4.8
	49	6000	1020/3.6	1080/4.0	1110/4.2	1150/4.5	1190/4.7	1230/4.9	1290/5.1	1310/5.5
	42	7000	1050/4.6	1110/4.8	1140/5.0	1190/5.2	1210/6.0	1260/6.3	1300/7.0	1350/7.5
	37	8000	1110/5.6	1150/6.2	1180/7.0	1200/7.2	1250/7.5	1300/8.0	1350/8.2	1370/8.7
	33	9000	1200/7.8	1240/8.2	1260/8.6	1300/8.9	1320/9.1	1350/9.6	1400/10.0	1420/11.0
	30	10000	1260/9.1	1290/9.9	1310/10.1	1350/10.5	1380/11.0	1410/12.0	1450/12.5	1470/12.7
	27	11000	1310/12.0	1360/12.5	1380/12.7	1400/13.0	1460/14.0	1480/14.9	1520/15.5	1530/16.0
	25	12000	1400/14.7	1420/15.0	1450/15.2	1470/16.0	1500/16.5	1530/17.0	1560/17.5	1590/18.0
	23	13000	1460/17.4	1500/18.0	1510/18.2	1530/19.0	1580/19.5	1600/20.0	—	—
21	14000	—	—	—	—	—	—	—	—	
500	100	3700	990/2.0	1080/2.5	1110/2.6	1140/2.8	1180/3.0	1220/3.3	1280/4.5	1290/4.9
	93	4000	1000/2.2	1090/2.7	1120/2.8	1150/2.9	1190/3.2	1230/3.8	1290/4.9	1300/5.0
	74	5000	1030/3.0	1100/3.5	1130/3.8	1160/4.1	1200/4.5	1240/5.0	1300/5.5	1320/6.0
	62	6000	1100/4.2	1140/4.5	1180/4.9	1200/5.1	1250/5.7	1280/6.2	1320/6.6	1350/7.0
	53	7000	1160/5.6	1210/6.2	1250/6.9	1270/7.0	1300/7.4	1380/7.6	1410/7.9	1450/8.5
	46	8000	1290/7.7	1320/8.0	1340/8.2	1370/8.6	1400/8.8	1440/9.2	1490/9.6	1510/10.0
	41	9000	1360/9.5	1400/10.0	1420/10.2	1460/10.6	1480/11.0	1510/11.2	1540/12.0	1580/12.5
	37	10000	1470/12.7	1510/13.0	1520/13.5	1550/14.0	1580/14.5	1600/15.0	—	—
	34	11000	1570/16.0	1600/16.5	—	—	—	—	—	—
	31	12000	—	—	—	—	—	—	—	—
600	100	4450	1010/2.7	1090/2.9	1120/3.1	1150/3.5	1190/4.0	1230/4.8	1290/5.2	1310/5.5
	89	5000	1030/3.0	1100/3.5	1130/3.8	1160/4.1	1200/4.5	1240/5.0	1300/5.5	1320/6.0
	74	6000	1100/4.2	1140/4.5	1180/4.9	1200/5.1	1250/5.7	1280/6.2	1320/6.6	1250/7.0
	63	7000	1160/5.6	1210/6.2	1250/6.9	1270/7.0	1300/7.4	1380/7.6	1410/7.9	1450/8.5
	56	8000	1290/7.7	1320/8.0	1340/8.2	1370/8.6	1400/8.8	1440/9.2	1490/9.6	1510/10.0
	53	9000	1360/9.5	1400/10.0	1420/10.2	1460/10.6	1480/11.0	1510/11.2	1540/12.0	1580/12.5
	44	10000	1470/12.7	1500/13.0	1520/13.5	1550/14.0	1580/14.5	1600/15.0	—	—
	40	11000	1570/16.0	1600/16.5	—	—	—	—	—	—
	39	11500	—	—	—	—	—	—	—	—
36	12500	—	—	—	—	—	—	—	—	
700	100	5200	1040/3.2	1090/3.6	1120/3.8	1160/4.0	1200/4.2	1240/4.5	1290/4.8	1300/4.9
	86	6000	1060/4.0	1100/4.2	1140/4.4	1180/4.6	1210/4.9	1250/5.2	1300/4.8	1320/6.0
	74	7000	1100/4.8	1140/5.0	1160/5.2	1200/5.5	1240/6.1	1280/6.6	1310/7.1	1340/7.3
	65	8000	1150/6.5	1200/7.0	1240/7.3	1260/7.5	1300/7.9	1340/8.4	1380/9.0	1410/9.3
	58	9000	1240/8.3	1280/8.6	1300/9.0	1320/9.5	1360/9.8	1400/10.2	1440/11.0	1460/11.5
	52	10000	1320/10.0	1350/10.5	1370/11.0	1400/12.0	1420/12.4	1470/12.6	1490/12.8	1500/13.0
	47	11000	1410/13.0	1450/14.0	1460/14.5	1490/15.0	1500/15.5	1540/15.9	1570/16.4	1600/16.9
	43	12000	1490/17.0	1540/17.3	1550/18.2	1570/18.5	1600/18.9	—	—	—
	40	13000	—	—	—	—	—	—	—	—
	38	13500	—	—	—	—	—	—	—	—
800	100	5900	1060/4.0	1110/4.2	1140/4.4	1180/4.6	1210/5.0	1260/5.6	1300/6.0	1330/6.3
	85	7000	1100/4.9	1150/5.2	1180/5.9	1210/6.1	1240/6.5	1290/7.0	1310/7.2	1340/7.5
	74	8000	1150/6.4	1190/6.9	1230/7.1	1280/7.5	1300/8.0	1340/8.7	1390/9.0	1410/9.3
	66	9000	1240/8.3	1280/8.6	1300/9.0	1320/9.3	1360/9.9	1400/10.2	1440/11.0	1470/11.5
	59	10000	1330/11.0	1370/11.4	1380/11.9	1420/12.4	1450/12.6	1480/13.2	1510/13.5	1540/14.4
	54	11000	1410/14.0	1460/14.4	1490/15.2	1500/15.3	1510/15.5	1550/16.0	1600/17.0	—
	49	12000	1500/17.0	1530/17.5	1540/17.9	1580/18.2	1600/18.8	—	—	—
	46	13000	—	—	—	—	—	—	—	—
	44	13500	—	—	—	—	—	—	—	—
1050	120	6500	1090/4.3	1150/4.9	1170/4.9	1190/5.0	1230/5.2	1260/5.4	1300/5.9	1340/6.2
	111	7000	1120/5.0	1160/5.2	1180/5.5	1210/5.8	1250/6.2	1290/6.9	1320/7.2	1350/7.4
	97	8000	1160/6.6	1210/7.1	1250/7.4	1270/7.6	1300/8.0	1350/8.5	1400/9.1	1420/9.4
	86	9000	1250/8.5	1290/8.8	1310/9.1	1330/9.6	1380/10.0	1410/10.5	1450/11.1	1470/11.8
	78	10000	1330/10.5	1360/11.0	1390/11.5	1410/12.1	1440/12.5	1480/13.0	1510/13.6	1530/14.0
	71	11000	1420/13.2	1460/14.2	1470/14.5	1490/15.0	1510/15.6	1550/16.1	1580/16.5	1660/17.0
	65	12000	1510/17.1	1550/17.4	1560/17.7	1580/18.6	1610/19.0	—	—	—
	60	13000	—	—	—	—	—	—	—	—
	58	13500	—	—	—	—	—	—	—	—
1200	120	7400	1130/5.2	1180/5.5	1210/6.0	1240/6.4	1280/6.8	1330/7.5	1360/7.8	1400/8.0
	111	8000	1160/6.5	1200/7.0	1250/7.5	1290/7.7	1310/8.1	1360/8.8	1400/9.1	1420/9.5
	99	9000	1250/8.6	1290/9.0	1310/9.3	1330/9.7	1390/10.0	1410/10.6	1460/11.5	1490/12.0
	89	10000	1340/11.1	1380/11.5	1390/12.0	1430/12.5	1460/12.7	1490/13.3	1530/14.1	1550/14.5
	81	11000	1420/14.0	1470/14.5	1480/14.7	1510/15.5	1520/15.6	1560/16.1	1590/17.1	—
	74	12000	1510/17.1	1550/17.6	1560/18.0	1590/18.6	1610/19.0	—	—	—
	68	13000	—	—	—	—	—	—	—	—
	66	13500	—	—	—	—	—	—	—	—



Motor/Horsepower/Voltage Selection and Starter Requirement Chart (Models SSCBL and PGBL)

Use this chart to determine whether a particular voltage/horsepower combination is available. Option AN10 starter must be ordered where indicated. 1-3HP Open and Enclosed motors that require a starter do not have internal overload protection, and a starter (Option AN10) must be ordered to provide external overload protection. 1-3 HP Open and Enclosed motors that do not require a starter have internal overload protection and a standard contactor.

Models SSCBL and PGBL

Motor	Option No.	HP	Voltage		115/1/60 AK1	208/1/60 AK2	230/1/60 AK3	208/3/60 AK5	230/3/60 AK6	460/3/60 AK7	575/3/60 AK8
			RPM								
Open Motors	AL6	1	1,800		X	X ^D	X ^D	X	X	X	X ^A
	AL7	1 1/2	1,800		X ^D	X ^D	X ^D	X	X	X	X ^A
	AL8	2	1,800		X ^{A D}	X ^{A D}	X ^{A D}	X	X	X	X ^A
	AL9	3	1,800		N/A	N/A	X ^{A D}	X	X	X	X ^A
	AL10	5	1,800		N/A	N/A	X ^{B D}	X ^B	X ^B	X ^B	X ^B
	AL11	7 1/2	1,800		N/A	N/A	X ^{B D}	X ^B	X ^B	X ^B	X ^B
	AL12	10	1,800		N/A	N/A	X ^{B D}	X ^B	X ^B	X ^B	X ^B
	AL15	15	1,800		N/A	N/A	N/A	X ^{B C}	X ^{B C}	X ^{B C}	X ^{B C}
AL16	20	1,800		N/A	N/A	N/A	X ^{B C}	X ^{B C}	X ^{B C}	X ^{B C}	
Totally Enclosed Motors	AL23	1	1,800		X	N/A	X ^D	X	X	X	X ^A
	AL24	1 1/2	1,800		X ^D	X ^D	X ^D	X	X	X	X ^A
	AL25	2	1,800		X ^{A D}	N/A	X ^{A D}	X ^A	X ^A	X ^A	X ^A
	AL26	3	1,800		X ^{A D}	N/A	X ^{A D}	X ^A	X ^A	X ^A	X ^A
	AL27	5	1,800		N/A	N/A	X ^{B D}	X ^B	X ^B	X ^B	X ^B
	AL32	7 1/2	1,800		N/A	N/A	X ^{B D}	X ^B	X ^B	X ^B	X ^B
	AL33	10	1,800		N/A	N/A	X ^{B D}	X ^B	X ^B	X ^B	X ^B
	AL34	15	1,800		N/A	N/A	N/A	N/A	X ^{B C}	X ^{B C}	X ^{B C}
AL35	20	1,800		N/A	N/A	N/A	N/A	X ^{B C}	X ^{B C}	X ^{B C}	
Energy Efficient Motors	AL36	1	1,800		N/A	N/A	N/A	X ^B	X ^B	X ^B	X ^B
	AL37	1 1/2	1,800		N/A	N/A	N/A	X ^B	X ^B	X ^B	X ^B
	AL38	2	1,800		N/A	N/A	N/A	X ^B	X ^B	X ^B	X ^B
	AL39	3	1,800		N/A	N/A	N/A	X ^B	X ^B	X ^B	X ^B
	AL40	5	1,800		N/A	N/A	N/A	X ^B	X ^B	X ^B	X ^B
	AL41	7 1/2	1,800		N/A	N/A	N/A	X ^B	X ^B	X ^B	X ^B
	AL42	10	1,800		N/A	N/A	N/A	X ^B	X ^B	X ^B	X ^B
	AL43	15	1,800		N/A	N/A	N/A	X ^{B C}	X ^{B C}	X ^{B C}	X ^{B C}
AL44	20	1,800		N/A	N/A	N/A	X ^{B C}	X ^{B C}	X ^{B C}	X ^{B C}	
2-Speed Open Motors	AL45	1	1,800/1,200		N/A	N/A	N/A	X ^B	X ^B	X ^B	N/A
	AL46	1 1/2	1,800/1,200		N/A	N/A	N/A	X ^B	X ^B	X ^B	N/A
	AL47	2	1,800/1,200		N/A	N/A	N/A	X ^B	X ^B	X ^B	N/A
	AL48	3	1,800/1,200		N/A	N/A	N/A	X ^B	X ^B	X ^B	N/A
	AL49	5	1,800/1,200		N/A	N/A	N/A	X ^B	X ^B	X ^B	N/A
	AL50	7 1/2	1,800/1,200		N/A	N/A	N/A	X ^B	X ^B	X ^B	N/A
AL51	10	1,800/1,200		N/A	N/A	N/A	X ^B	X ^B	X ^B	N/A	

^A Require Motor Starter (Reznor Option AN10)

^B Do not have internal overload protection. An IEC open starter with one auxiliary contact is included.

^C Requires heavy duty blowers.

^D Special pricing, contact your Reznor Representative.