

PB SERIES DIRECT DRIVE RATING TABLES at 2859

NOTE: THESE RATINGS ARE FOR 50 CYCLE MOTORS ONLY.

CFM and BHP at Static Pressure Shown

Ratings at 70°F., .075 Density, Sea Level

MODEL NO.	WHEEL DIA. & WIDTH	O.D. INLET SIZE	1" SP		2" SP		3" SP		4" SP		5" SP		6" SP		7" SP		8" SP			
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
CA-8	7 x 2 7/16 8 x 2 3/4	4"	212	.16	120	.15														
CA-9	8 x 2 3/4 9 x 2 7/8 10 1/4 x 3 BC 9 3/4 x 2 7/8 10 5/8 x 2 5/8	5"	340	.25	271	.21	220	.20	181	.19										
CA-10A	9 x 2 7/8 10 1/4 x 3 BC 9 3/4 x 2 7/8 11 x 3 BC 10 5/8 x 2 5/8 11 x 2 3/4 11 1/2 x 2 7/8 12 x 2 7/8 12 1/4 x 2 7/8	6"	443	.38	358	.33	229	.26	135	.25	203	.31								
CA-12A	11 x 3 BC 10 5/8 x 2 5/8 11 x 2 3/4 11 1/2 x 2 7/8 12 x 2 7/8 13 x 3 1/4 BC 12 1/4 x 2 7/8 14 x 3 1/4 BC 13 x 3 1/4 14 x 3 1/4	7"	696	.60	610	.56	496	.48	361	.40			350	.54			482	.79	445	.87
CA-14A	13 x 3 3/4 BC 13 x 3 1/4 BC 13 x 3 1/4 BC 12 1/4 x 2 7/8 12 1/4 x 2 7/8 13 x 3 1/4 12 1/4 x 2 7/8 13 x 3 1/4 14 x 3 1/4 BC 13 x 3 1/4 14 x 3 1/4 BC 14 x 3 1/4 14 x 3 1/4 14 3/4 x 4 14 x 3 1/4 14 3/4 x 4 14 3/4 x 4	6" 7" 8" 6" 7" 6" 8" 7" 8" 6" 7" 8" 6" 7" 8" 6" 7" 8"	1060	1.37	978	1.30	895	1.23	793	1.12	677	.99	511	.80	302	.57				
CA-15A (1)	14 x 3 1/4 BC 14 x 3 1/4 BC 14 x 3 1/4 BC 15 1/2 x 5 BC 14 x 3 1/4 16 1/2 x 4 3/8 BC 15 1/2 x 5 15 1/2 x 5 BC 14 x 3 1/4 14 x 3 1/4 15 1/2 x 5 BC 16 1/2 x 4 3/8 BC 16 1/2 x 4 3/8 15 1/2 x 5 15 1/2 x 5 16 1/2 x 4 3/8 16 1/2 x 4 3/8	6" 8" 10" 6" 6" 6" 6" 8" 8" 10" 10" 8" 10" 10" 8" 8" 10" 8" 10"	1435	1.92	1328	1.86	1199	1.68	1049	1.53	902	1.41	739	1.17	505	1.02				
USE 182T FRAME MIN.	16 1/2 x 5 BC 14 x 3 1/4 14 x 3 1/4 15 1/2 x 5 BC 16 1/2 x 4 3/8 BC 16 1/2 x 4 3/8 15 1/2 x 5 15 1/2 x 5 16 1/2 x 4 3/8 16 1/2 x 4 3/8	6" 6" 6" 8" 6" 6" 8" 8" 10" 10" 8" 10" 10" 8" 8" 10" 8" 10" 10"	1670	2.99	1565	2.84	1468	2.66	1333	2.55	1238	2.41	1132	2.27	1009	2.09	840	1.85		
CA-18	14 x 3 1/4 BC 14 x 3 1/4 14 x 3 1/4 BC 14 x 3 1/4 BC 16 1/2 x 4 3/8 BC 18 x 4 3/8 BC 14 x 3 1/4 16 1/2 x 4 3/8 14 x 3 1/4 16 1/2 x 4 3/8 BC 18 x 4 3/8 BC 16 1/2 x 4 3/8 BC 18 x 4 3/8 BC 16 1/2 x 4 3/8 18 x 4 3/8 BC 18 x 4 3/8 BC 16 1/2 x 4 3/8 18 x 4 3/8 BC 18 x 4 3/8 18 x 4 3/8	6" 6" 8" 10" 6" 6" 8" 6" 10" 10" 6" 10" 8" 8" 10" 8" 8" 10" 8" 10" 10" 10" 10"	925	1.54	863	1.50	787	1.46	717	1.40	643	1.35	539	1.29	447	1.18	315	1.04		
USE 3 HP 182T MIN.	16 1/2 x 4 3/8 BC 18 x 4 3/8 BC 14 x 3 1/4 16 1/2 x 4 3/8 14 x 3 1/4 16 1/2 x 4 3/8 BC 18 x 4 3/8 BC 16 1/2 x 4 3/8 BC 18 x 4 3/8 BC 16 1/2 x 4 3/8 18 x 4 3/8 BC 18 x 4 3/8 BC 16 1/2 x 4 3/8 18 x 4 3/8 BC 18 x 4 3/8 BC 16 1/2 x 4 3/8 18 x 4 3/8 BC 18 x 4 3/8 18 x 4 3/8	6" 6"	1224	2.08	1146	1.99	1056	1.87	956	1.73	843	1.61	724	1.48	579	1.35	397	1.15		
CA-18WA	16 1/2 x 5 BC 15 1/2 x 5 BC 15 1/2 x 5 16 1/2 x 5 BC 16 1/2 x 5 17 x 6 15 1/2 x 5 17 x 6 16 1/2 x 5 18 1/2 x 6	8" 10" 8" 10" 8" 8" 10" 10" 10" 10"	2108	4.33	1968	4.17	1827	4.00	1695	3.83	1587	3.61	1462	3.42	1323	3.23	1170	3.02		
USE 5 HP 182T MIN.	16 1/2 x 5 BC 16 1/2 x 5 17 x 6 15 1/2 x 5 17 x 6 16 1/2 x 5 18 1/2 x 6	10" 8" 8" 10" 10" 10" 10"	2217	4.06	2060	3.84	1908	3.61	1771	3.51	1584	3.27	1394	3.08	1152	2.76	915	2.38		

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MODEL NO.	WHEEL DIA. & WIDTH	O.D. INLET SIZE	9" SP		10" SP		11" SP		12" SP		13" SP		14" SP		15" SP		16" SP ★		
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM
CA-14A	14 x 3¼	6"	407	.93															
	14¾ x 4	6"	719	1.79	548	1.45													
	14¾ x 4	7"	763	1.85	577	1.48													
	14¾ x 4	8"	787	1.87	610	1.55													
CA-15A (1) USE 182T FRAME MIN.	15½ x 5 BC	6"	645	1.60	385	1.16													
	15½ x 5 BC	10"	704	1.63															
	15½ x 5 BC	8"	751	1.75															
	16½ x 4¾ BC	6"	917	2.27	606	1.76	308	1.40											
	16½ x 4¾ BC	10"	1080	2.66	828	2.19													
	16½ x 4¾ BC	8"	1081	2.57	863	2.17	561	1.64											
	15½ x 5	6"	1096	2.88	909	2.50	521	1.63											
	15½ x 5	8"	1365	3.40	1122	2.91	690	2.06											
	16½ x 4¾	6"	1342	3.97	1234	3.71	1051	3.25	808	2.61									
	15½ x 5	10"	1436	3.54	1173	3.00													
16½ x 4¾	8"	1660	4.53	1452	4.14	1258	3.72	1069	3.27										
16½ x 4¾	10"	1883	5.08	1658	4.54	1409	3.99												
CA-18 USE 3 HP 182T MIN.	16½ x 4¾ BC	6"	688	2.46	590	2.37	492	2.27	361	2.04									
	16½ x 4¾ BC	8"	921	2.91	788	2.72	644	2.48	438	2.17									
	18 x 4¾ BC	6"	851	2.96	781	2.83	690	2.59	599	2.38	508	2.17	416	1.96	326	1.76			
	16½ x 4¾ BC	10"	1035	3.02	911	2.81	761	2.62	508	2.30									
	16½ x 4¾	6"	1026	3.08	944	2.91	849	2.71	718	2.45	525	2.10							
	18 x 4¾ BC	8"	1185	3.68	1085	3.43	981	3.17	863	2.92	706	2.57	493	2.10					
	18 x 4¾	6"	1208	4.33	1149	4.17	1080	3.99	998	3.78	880	3.53	740	3.23	583	2.89	265	1.90	
	16½ x 4¾	8"	1281	3.94	1193	3.67	1103	3.41	958	2.99	717	2.43							
	16½ x 4¾	10"	1414	4.51	1317	4.27	1212	4.03	1068	3.72	837	3.27							
	18 x 4¾ BC	10"	1443	4.09	1347	3.84	1271	3.61	1127	3.35	961	3.04	720	2.64					
	18 x 4¾	8"	1542	5.27	1460	5.04	1381	4.83	1302	4.58	1198	4.30	1061	3.97	886	3.56			
	18 x 4¾	10"	1744	5.75	1643	5.50	1542	5.22	1438	4.96	1325	4.63	1187	4.25	1008	3.83			
CA-18WA USE 3 HP 182T MIN.	15½ x 5 BC	10"	626	2.01			409	2.02											
	16½ x 5 BC	10"	1076	2.90	774	2.55	583	2.19											
	16½ x 5 BC	8"	988	2.76	822	2.51	583	2.19											
	15½ x 5	8"	1050	3.04	812	2.65	472	2.08											
	15½ x 5	10"	1268	3.47	976	3.05	585	2.45											
	16½ x 5	8"	1427	4.23	1262	3.91	1077	3.56	843	3.11									
	17 x 6	8"	1529	4.96	1356	4.64	1180	4.29	1045	3.97	806	3.50							
	16½ x 5	10"	1708	5.16	1490	4.70	1243	4.24	988	3.72									
	17 x 6	10"	1882	5.86	1671	5.41	1463	5.00	1260	4.56	1005	3.97							
	18½ x 6	10"	2438	8.75	2327	8.26	2150	7.91	2004	7.56	1853	7.22	1652	6.81	1446	6.37	1220	5.70	