

# WCB SPECIFICATIONS

Size	TORQUE RATINGS @ 100 psi (lb-in)/7 bar (Nm)								AIR VOLUME/ENGAGEMENT				Max Slip Speed	Max Disengaged Speed	WEIGHT AND INERTIA			Size
	Standard Friction Material		High Coeff Friction Material		Heat Dissipation Capacity		Water Flow (Minimum)		New		Worn				Total Weight	Hub & DP Weight	Hub & DP Inertia	
	lb-in	Nm	lb-in	Nm	Hp	kW	gpm	L/min	in <sup>3</sup>	L	in <sup>3</sup>	L	rpm	rpm				
	118	44,900	5,150	67,100	7,700	120	89.5	12	45.4	59	1.0	122	2.0	850	1560	331 (150)	86 (39)	
218	89,800	10,310	134,200	15,400	240	179.0	24	90.8	69	1.1	122	2.0	850	1560	460 (209)	172 (78)	38.1 (1.61)	218
318	134,700	15,460	201,300	23,100	360	268.5	36	136.3	78	1.3	122	2.0	850	1560	848 (385)	272 (123)	57.4 (2.42)	318
418	179,600	20,620	268,400	30,810	480	357.9	48	181.7	88	1.4	122	2.0	850	1560	1,236 (561)	372 (169)	78.1 (3.29)	418
124	111,600	12,800	166,700	19,130	270	201.3	27	102.2	170	2.8	299	4.9	640	1170	810 (367)	196 (89)	71.9 (3.03)	124
224	223,200	25,600	333,400	38,260	540	402.7	54	204.4	190	3.1	299	4.9	640	1170	1,208 (548)	428 (194)	148 (6.21)	224
324	334,800	38,400	500,100	57,380	810	604.0	81	306.6	209	3.4	299	4.9	640	1170	1,624 (737)	631 (286)	219 (9.21)	324
424	446,400	51,200	666,700	76,510	1080	805.4	108	408.8	228	3.7	299	4.9	640	1170	1,950 (884)	850 (386)	294 (12.4)	424
136	375,500	43,080	561,200	64,380	650	484.7	65	246.1	271	4.4	661	10.8	425	775	2,687 (1219)	474 (215)	374 (15.8)	136
236	751,000	86,160	1,122,400	128,750	1,300	969.4	130	492.1	313	5.1	661	10.8	425	775	3,919 (1777)	908 (412)	704 (29.7)	236
336	1,126,500	129,250	1,683,600	193,130	1,950	1,454	195	738.2	355	5.8	661	10.8	425	775	5,400 (2449)	1,345 (610)	1,107 (46.6)	336
436	1,502,000	172,330	2,244,800	257,500	2,600	1,939	260	984.2	396	6.5	661	10.8	425	775	6,501 (2948)	1,997 (906)	1,524 (64.2)	436

# WCB DIMENSIONS inches (mm)

SIZE	A	B	C	D	E	F	G	H	J	K
118	23 5/8 (600.1)	23.250 (590.55)	18.250 (463.55)	11 (279.4)	9 47/64 (247.3)	7 1/4 (184.2)	7/8 (22.2)	3 7/32 (81.8)	8 1/2 (215.9)	1 1/2 (38.1)
218	23 5/8 (600.1)	23.250 (590.55)	18.250 (463.55)	11 (279.4)	13 5/32 (334.2)	10 19/32 (269.1)	7/8 (22.2)	3 7/32 (81.8)	8 1/2 (215.9)	1 1/2 (38.1)
318	23 5/8 (600.1)	23.250 (590.55)	18.250 (463.55)	11 (279.4)	17 1/4 (438.2)	13 15/16 (354.0)	7/8 (22.2)	3 7/32 (81.8)	8 1/2 (215.9)	1 1/2 (38.1)
418	23 5/8 (600.1)	23.250 (590.55)	18.250 (463.55)	11 (279.4)	21 1/2 (546.1)	17 9/32 (438.9)	7/8 (22.2)	3 7/32 (81.8)	8 1/2 (215.9)	1 1/2 (38.1)
124	30 5/8 (777.9)	29.998 (761.95)	24.375 (619.13)	12 3/4 (323.9)	11 (279.4)	9 17/64 (235.3)	1 1/16 (27.0)	4 1/8 (104.8)	11 1/2 (292.1)	1 3/4 (44.5)
224	30 5/8 (777.9)	29.998 (761.95)	24.375 (619.13)	12 3/4 (323.9)	15 1/2 (393.7)	13 5/16 (338.1)	1 1/16 (27.0)	4 1/8 (104.8)	11 1/2 (292.1)	1 3/4 (44.5)
324	30 5/8 (777.9)	29.998 (761.95)	24.375 (619.13)	12 3/4 (323.9)	24 (609.6)	17 11/32 (440.5)	1 1/16 (27.0)	4 1/8 (104.8)	11 1/2 (292.1)	1 3/4 (44.5)
424	30 5/8 (777.9)	29.998 (761.95)	24.375 (619.13)	12 3/4 (323.9)	30 1/2 (774.7)	21 7/16 (544.5)	1 1/16 (27.0)	4 1/8 (104.8)	11 1/2 (292.1)	1 3/4 (44.5)
136	44 55/64 (1139.4)	44.498 <sup>1</sup> (1130.25) <sup>1</sup>	18.375 (466.73)	16 1/2 (419.1)	17 (431.8)	12 1/16 (306.4)	1 17/32 (38.9)	4 31/32 (126.2)	16 1/2 (419.1)	2 19/32 (65.9)
236	44 55/64 (1139.4)	44.498 <sup>1</sup> (1130.25) <sup>1</sup>	18.375 (466.73)	16 1/2 (419.1)	20 3/4 (527.1)	17 1/32 (432.6)	1 17/32 (38.9)	4 31/32 (126.2)	16 1/2 (419.1)	2 19/32 (65.9)
336	44 55/64 (1139.4)	44.498 <sup>1</sup> (1130.25) <sup>1</sup>	18.375 (466.73)	16 1/2 (419.1)	27 1/2 (698.5)	22 (558.8)	1 17/32 (38.9)	4 31/32 (126.2)	16 1/2 (419.1)	2 19/32 (65.9)
436	44 55/64 (1139.4)	44.498 <sup>1</sup> (1130.25) <sup>1</sup>	18.375 (466.73)	16 1/2 (419.1)	35 (889.0)	26 31/32 (685.0)	1 17/32 (38.9)	4 31/32 (126.2)	16 1/2 (419.1)	2 19/32 (65.9)

L COOLANT INLETS / OUTLETS		M	N	O	P AIR INLETS			Q	R			S MOUNTING HOLES			BORE RANGE		SIZE
QTY	SIZE (NPT)				QTY	TAP SIZE	HOLE CENTER		QTY	SIZE	BOLT CIRCLE	QTY <sup>2</sup>	SIZE	BOLT CIRCLE	MIN	MAX <sup>3</sup>	
4	1/2-14	1 1/4 (31.8)	2 13/16 (71.4)	1/4 (6.4)	2	1/2-14	14.188 (360.36)	25°	3	3/8-16	9.125 (231.78)	10	21/32 (16.7)	22.000 (558.8)	2 1/4 (57.2)	5 11/32 (135.7)	118
8	1/2-14	1 1/4 (31.8)	5 5/8 (142.9)	1/4 (6.4)	2	1/2-14	14.188 (360.36)	25°	3	3/8-16	9.125 (231.78)	10	21/32 (16.7)	22.000 (558.8)	2 1/4 (57.2)	5 11/32 (135.7)	218
12	1/2-14	1 1/4 (31.8)	9 5/8 (244.5)	1/4 (6.4)	2	1/2-14	14.188 (360.36)	25°	3	3/8-16	9.125 (231.78)	10	21/32 (16.7)	22.000 (558.8)	2 1/4 (57.2)	5 11/32 (135.7)	318
16	1/2-14	1 1/4 (31.8)	12 1/2 (317.5)	1/4 (6.4)	2	1/2-14	14.188 (360.36)	25°	3	3/8-16	9.125 (231.78)	10	21/32 (16.7)	22.000 (558.8)	2 1/4 (57.2)	5 11/32 (135.7)	418
4	3/4-14	1 3/8 (34.9)	3 1/2 (88.9)	1/4 (6.4)	2	1/2-14	18.500 (469.90)	24°	6	3/8-16	12.250 (311.15)	10	21/32 (16.7)	28.750 (730.25)	2 3/4 (69.9)	7 (177.8)	124
8	3/4-14	1 3/8 (34.9)	8 5/8 (219.1)	1/4 (6.4)	2	1/2-14	18.500 (469.90)	24°	6	3/8-16	12.250 (311.15)	10	21/32 (16.7)	28.750 (730.25)	2 3/4 (69.9)	7 (177.8)	224
12	3/4-14	1 3/8 (34.9)	13 3/16 (335.0)	1/4 (6.4)	2	1/2-14	18.500 (469.90)	24°	6	3/8-16	12.250 (311.15)	10	21/32 (16.7)	28.750 (730.25)	2 3/4 (69.9)	7 (177.8)	324
16	3/4-14	1 3/8 (34.9)	16 15/16 (430.2)	1/4 (6.4)	2	1/2-14	18.500 (469.90)	24°	6	3/8-16	12.250 (311.15)	10	21/32 (16.7)	28.750 (730.25)	2 3/4 (69.9)	7 (177.8)	424
4	1-1/4-11 1/2	2 3/8 (60.3)	5 (127.0)	9/32 (7.1)	3	1/2-14	28.000 (711.20)	18.75°	6	1/2-13	17.500 (444.50)	14	1 1/16 (27.0)	42.000 (1066.80)	4 (101.6)	10 1/8 (257.2)	136
8	1-1/4-11 1/2	2 3/8 (60.3)	9 (228.6)	9/32 (7.1)	3	1/2-14	28.000 (711.20)	18.75°	6	1/2-13	17.500 (444.50)	14	1 1/16 (27.0)	42.000 (1066.80)	4 (101.6)	10 1/8 (257.2)	236
12	1-1/4-11 1/2	2 3/8 (60.3)	13 (330.2)	9/32 (7.1)	3	1/2-14	28.000 (711.20)	18.75°	6	1/2-13	17.500 (444.50)	14	1 1/16 (27.0)	42.000 (1066.80)	4 (101.6)	10 1/8 (257.2)	336
16	1-1/4-11 1/2	2 3/8 (60.3)	18 (457.2)	9/32 (7.1)	3	1/2-14	28.000 (711.20)	18.75°	6	1/2-13	17.500 (444.50)	14	1 1/16 (27.0)	42.000 (1066.80)	4 (101.6)	10 1/8 (257.2)	436