

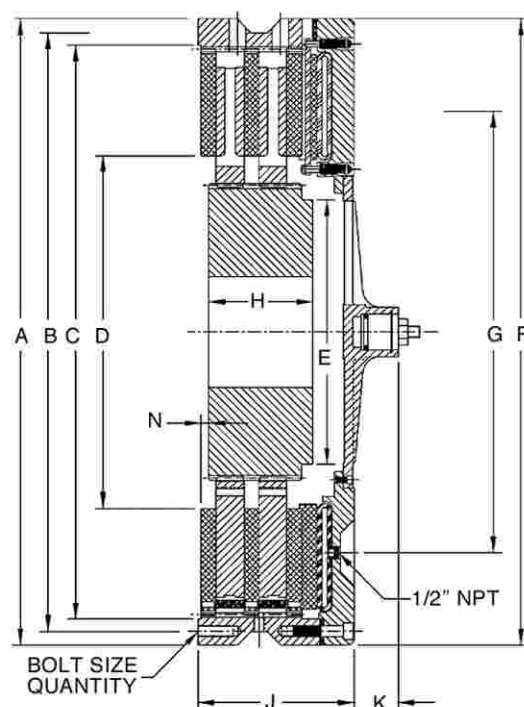
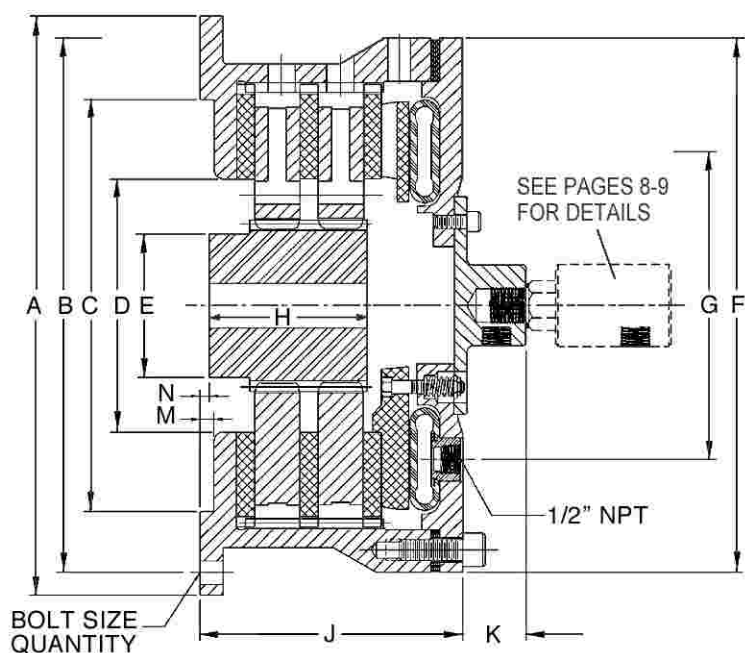
Low Inertia Clutches and Brakes



Low Inertia Clutches and Brakes

DIMENSIONS inches (mm)

SIZE	A +.000/- .003 (+.000/- .076)	B	C +.003/- .000 (+.076/- .000)	D	E	F	G	H	J	**K use for clutch only	bolt size	qty	M	N
104	7.375 (187.33)	6.875 (174.63)	4.375 (111.13)	2 7/8 (73.03)	NA	6 3/8 (161.93)	NA	1 (25.40)	2 9/16 (65.09)	NA	1/4	6	1/8 (3.18)	1/16 (1.59)
204	7.375 (187.33)	6.875 (174.63)	4.375 (111.13)	2 7/8 (73.03)	NA	6 3/8 (161.93)	NA	1 7/8 (47.63)	3 9/16 (90.49)	NA	1/4	6	1/8 (3.18)	0
106	8.753 (222.33)	8.000 (203.20)	7.377 (187.38)	4 3/16 (106.36)	2 11/16 (68.26)	8 13/16 (223.84)	4 3/4 (120.65)	2 (50.80)	3 3/4 (95.25)	1 7/16 (36.51)	5/16	4	1/16 (1.59)	1/16 (1.59)
206	8.753 (222.33)	8.000 (203.20)	7.377 (187.38)	5 3/16 (106.36)	2 11/16 (68.26)	8 13/16 (223.84)	4 3/4 (120.65)	3 1/4 (82.55)	4 15/16 (125.41)	1 7/16 (36.51)	5/16	4	1/16 (1.59)	1/16 (1.59)
108	12.125 (307.98)	11.125 (282.58)	8.375 (212.73)	5 3/8 (136.53)	3 1/2 (88.90)	11 1/8 (282.58)	6 5/8 (168.28)	2 (50.80)	4 9/16 (115.89)	1 3/4 (44.45)	1/2	6	1/4 (6.35)	1/4 (6.35)
208	12.125 (307.98)	11.125 (282.58)	8.375 (212.73)	5 3/8 (136.53)	3 1/2 (88.90)	11 1/8 (282.58)	6 5/8 (168.28)	3 1/4 (82.55)	5 15/16 (150.81)	1 3/4 (44.45)	1/2	6	1/4 (6.35)	5/16 (7.94)
111	16.000 (406.40)	14.750 (374.65)	11.375 (288.93)	7 (177.80)	4 (101.60)	14 3/4 (374.65)	8 1/2 (215.90)	2 3/4 (69.85)	5 7/16 (138.11)	1 3/4 (44.45)	5/8	6	3/8 (9.53)	1/8 (3.18)
211	16.000 (406.40)	14.750 (374.65)	11.375 (288.93)	7 (177.80)	4 (101.60)	14 3/4 (374.65)	8 1/2 (215.90)	4 3/8 (111.13)	7 1/4 (184.15)	1 3/4 (44.45)	5/8	6	3/8 (9.53)	1/4 (6.35)
311	16.000 (406.40)	14.750 (374.65)	11.375 (288.93)	7 (177.80)	4 (101.60)	14 3/4 (374.65)	8 1/2 (215.90)	6 1/8 (155.58)	8 15/16 (227.01)	1 3/4 (44.45)	5/8	6	3/8 (9.53)	1/4 (6.35)
114	18.750 (476.25)	17.500 (444.50)	14.375 (365.13)	9 7/16 (239.71)	5 1/2 (139.70)	17 1/2 (444.50)	10 3/4 (273.05)	3 3/4 (95.25)	6 (152.40)	1 7/8 (47.63)	5/8	8	3/8 (9.53)	1/8 (3.18)
214	18.750 (476.25)	17.500 (444.50)	14.375 (365.13)	9 7/16 (239.71)	5 1/2 (139.70)	17 1/2 (444.50)	10 3/4 (273.05)	4 1/2 (114.30)	8 (203.20)	1 7/8 (47.63)	5/8	8	3/8 (9.53)	3/8 (9.53)
314	18.750 (476.25)	17.500 (444.50)	14.375 (365.13)	9 7/16 (239.71)	5 1/2 (139.70)	17 1/2 (444.50)	10 3/4 (273.05)	6 1/2 (165.10)	9 13/16 (249.24)	1 7/8 (47.63)	5/8	8	3/8 (9.53)	3/8 (9.53)
116	21.248 (539.70)	20.000 (508.00)	16.250 (412.75)	10 1/2 (266.70)	6 (152.40)	20 (508.00)	12 1/2 (317.50)	4 (101.60)	6 5/16 (160.34)	2 (50.80)	5/8	12	3/8 (9.53)	3/8 (9.53)
216	21.248 (539.70)	20.000 (508.00)	16.250 (412.75)	10 1/2 (266.70)	6 (152.40)	20 (508.00)	12 1/2 (317.50)	4 3/4 (120.65)	8 1/4 (209.55)	2 (50.80)	5/8	12	3/8 (9.53)	3/8 (9.53)
316	21.248 (539.70)	20.000 (508.00)	16.250 (412.75)	10 1/2 (266.70)	6 (152.40)	20 (508.00)	12 1/2 (317.50)	6 5/8 (168.28)	10 1/8 (257.18)	2 (50.80)	5/8	12	3/8 (9.53)	3/8 (9.53)
118	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	22 (558.80)	14 3/16 (360.36)	4 (101.60)	6 3/4 (171.45)	2 (50.80)	5/8	12	3/8 (9.53)	7/16 (11.11)
218	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	22 (558.80)	14 3/16 (360.36)	4 3/4 (120.65)	8 5/8 (219.08)	2 (50.80)	5/8	12	3/8 (9.53)	7/16 (11.11)
318	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	22 (558.80)	14 3/16 (360.36)	6 1/2 (165.10)	10 5/16 (261.94)	2 (50.80)	5/8	12	3/8 (9.53)	7/16 (11.11)
121	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	24 7/8 (631.83)	16 (406.40)	4 (101.60)	7 3/8 (187.33)	2 (50.80)	5/8	12	5/16 (7.94)	3/4 (19.05)
221	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	24 7/8 (631.83)	16 (406.40)	5 1/8 (130.18)	9 1/2 (241.30)	2 (50.80)	5/8	12	5/16 (7.94)	5/8 (15.88)
321	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	24 7/8 (631.83)	16 (406.40)	7 (177.80)	11 9/16 (293.69)	2 (50.80)	5/8	12	5/16 (7.94)	3/4 (19.05)
124H	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	29 (736.60)	21 (533.40)	4 (101.60)	7 5/8 (193.68)	2 1/8 (53.98)	5/8	12	1/4 (6.35)	5/8 (15.88)
224H	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	29 (736.60)	21 (533.40)	5 1/8 (130.18)	9 15/16 (252.41)	2 1/8 (53.98)	5/8	12	1/4 (6.35)	3/4 (19.05)
324H	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	29 (736.60)	21 (533.40)	7 1/2 (190.50)	12 3/16 (309.56)	2 1/8 (53.98)	5/8	12	1/4 (6.35)	3/4 (19.05)
227	32.750 (831.85)	31.500 (800.10)	27.375 (695.33)	16 1/4 (412.75)	9 (228.60)	31 (787.40)	21 (533.40)	6 7/8 (174.63)	10 3/8 (263.53)	16 15/32 (418.31)	5/8	16	1/4 (6.35)	3/4 (19.05)



SIZE 242-460

DIMENSIONS inches (mm)

SIZE	A +.000/- .003 (+.000/- .076)	B	C +.003/- .000 (+.076/- .000)	D	E	F	G	H	J	**K use for clutch only	bolt size	qty	M	N
327	32.750 (831.85)	31.500 (800.10)	27.375 (695.33)	16 1/4 (412.75)	9 (228.60)	31 (787.40)	21 (533.40)	7 15/16 (201.61)	12 3/4 (323.85)	18 27/32 (478.63)	5/8	16	1/4 (6.35)	3/4 (19.05)
230H	37.000 (939.80)	35.500 (901.70)	30.375 (771.53)	19 1/4 (488.95)	10 (254.00)	34 3/4 (882.65)	24 3/4 (628.62)	7 1/8 (180.98)	11 11/16 (296.86)	4 3/8 (111.13)	3/4	18	1/4 (6.35)	1 7/8 (47.63)
330H	37.000 (939.80)	35.500 (901.70)	30.375 (771.53)	19 1/4 (488.95)	10 (254.00)	34 3/4 (882.65)	24 3/4 (628.62)	11 7/8 (301.63)	15 5/16 (388.94)	4 3/8 (111.13)	3/4	18	1/4 (6.35)	5/8 (15.88)
236	43.500 (1104.90)	42.000 (1066.80)	36.375 (923.93)	23 5/8 (600.08)	14 (355.60)	41 (1041.40)	30 1/2 (774.70)	9 (228.60)	12 7/8 (327.03)	3 3/4 (95.25)	3/4	18	1/4 (6.35)	5/8 (15.88)
336	43.500 (1104.90)	42.000 (1066.80)	36.375 (923.93)	23 5/8 (600.08)	14 (355.60)	41 (1041.40)	30 1/2 (774.70)	11 3/8 (288.93)	17 1/16 (433.39)	3 3/4 (95.25)	3/4	18	1/4 (6.35)	5/8 (15.88)
242 *	49.000 (1244.60)	46.500 (1181.10)	45.000 (1143.00)	29 1/2 (749.30)	16 (406.40)	49 (1244.60)	35 (889.00)	7 1/2 (190.50)	11 7/8 (301.63)	4 1/2 (114.30)	1	24	1/4 (6.35)	1 1/2 (38.10)
342 *	49.000 (1244.60)	46.500 (1181.10)	45.000 (1143.00)	29 1/2 (749.30)	16 (406.40)	49 (1244.60)	35 (889.00)	12 3/8 (314.33)	14 3/4 (374.65)	4 1/2 (114.30)	1	24	1/4 (6.35)	1 1/2 (38.10)
248 *	56.750 (1441.45)	54.000 (1371.60)	52.000 (1320.80)	32 (812.80)	24 (609.60)	56 3/4 (1441.45)	40 (1016.00)	8 3/4 (222.25)	14 1/16 (357.19)	4 (101.60)	1	24	1/4 (6.35)	1 1/16 (17.46)
348 *	56.750 (1441.45)	54.000 (1371.60)	52.000 (1320.80)	32 (812.80)	24 (609.60)	56 3/4 (1441.45)	40 (1016.00)	11 5/8 (295.28)	16 15/16 (430.21)	4 (101.60)	1	24	1/4 (6.35)	1 1/16 (17.46)
260 *	70.500 (1790.70)	66.500 (1689.10)	62.750 (1593.85)	36 (914.40)	27 (685.80)	70 1/2 (1790.70)	46 1/2 (1181.10)	9 3/8 (238.13)	17 5/8 (447.68)	2 3/8 (60.33)	2	24	1/4 (6.35)	1/4 (6.35)
360 *	70.500 (1790.70)	66.500 (1689.10)	62.750 (1593.85)	36 (914.40)	27 (685.80)	70 1/2 (1790.70)	46 1/2 (1181.10)	14 1/8 (358.78)	22 5/8 (574.68)	2 3/8 (60.33)	2	24	1/4 (6.35)	1/4 (6.35)
460 *	70.500 (1790.70)	66.500 (1689.10)	62.750 (1593.85)	36 (914.40)	27 (685.80)	70 1/2 (1790.70)	46 1/2 (1181.10)	18 5/8 (473.08)	27 1/8 (688.98)	2 3/8 (60.33)	2	24	1/4 (6.35)	1/4 (6.35)

* Clutch or brake does not include backplate.

Certified prints available on request.

For units with metric mounting, see page 3.

See pages 8-9 for Air Accessories.

Low Inertia Clutches and Brakes

SPECIFICATIONS

Size	Torque Ratings @ 100 psi (lb-in)/7 bar (Nm)				Maximum Speed		WEIGHT and INERTIA				BORE RANGE	
	Static Torque		Dynamic Torque		Complete Clutch rpm	Hub & CPs only rpm	Total Weight	Total Clutch Inertia	Hub & CP Weight	Hub & CP Inertia	Minimum	Maximum
	lb-in	Nm	lb-in	Nm			lbs (kgs)	lbf ² (wr ²) (kgm ² (J))	lbs (kgs)	lbf ² (wr ²) (kgm ² (J))	inches (mm)	inches (mm)
104	2,340	260	1,750	200	4,660	7,850	11 (5)	0.54 (0.023)	2.5 (1.1)	0.03 (0.0013)	0.50 (12.7)	1.8 (46)
204	4,680	520	3,500	400	4,660	7,850	15 (7)	0.56 (0.024)	4.0 (1.8)	0.04 (0.0017)	0.50 (12.7)	1.8 (46)
106	4,970	570	3,730	425	3,900	5,280	29 (13)	2.3 (0.097)	6.6 (3.0)	0.23 (0.010)	0.88 (22.2)	1.9 (48)
206	9,940	1,140	7,460	850	3,990	5,280	36 (16)	3.2 (0.135)	12 (5.6)	0.49 (0.021)	0.88 (22.2)	1.9 (48)
108	7,300	835	5,500	630	2,830	4,290	63 (29)	8.2 (0.346)	13 (5.9)	0.62 (0.026)	0.94 (23.8)	2.5 (62)
208	14,600	1,670	11,000	1,260	2,830	4,290	72 (33)	9.3 (0.392)	24 (11)	1.2 (0.051)	1.13 (29)	2.5 (62)
111	16,600	1,905	12,450	1,425	2,140	3,120	141 (64)	28 (1.22)	28 (13)	2.4 (0.101)	1.25 (32)	2.8 (71)
211	33,200	3,810	24,900	2,850	2,140	3,120	164 (74)	34 (1.43)	52 (24)	4.7 (0.198)	1.25 (32)	2.8 (71)
311	49,800	5,715	37,350	5,275	2,140	3,120	191 (87)	41 (1.73)	77 (35)	7.0 (0.295)	1.25 (32)	2.8 (71)
114	28,900	3,315	21,700	2,490	1,830	2,450	178 (81)	56 (2.36)	52 (23)	6.0 (0.253)	1.88 (48)	3.3 (85)
214	57,800	6,630	43,400	4,980	1,830	2,450	229 (104)	70 (2.95)	84 (38)	11.5 (0.485)	1.88 (48)	3.9 (98)
314	86,700	9,945	65,100	7,470	1,830	2,450	279 (127)	84 (3.54)	126 (57)	16.9 (0.712)	1.88 (48)	3.9 (98)
116	39,750	4,560	29,800	3,420	1,610	2,140	253 (115)	103 (4.34)	65 (30)	10.7 (0.451)	2.13 (54)	4.2 (107)
216	79,500	9,120	59,600	6,840	1,610	2,140	327 (148)	127 (5.35)	109 (49)	19.8 (0.834)	2.13 (54)	4.2 (107)
316	119,250	13,680	89,400	10,260	1,610	2,140	401 (182)	150 (6.32)	157 (71)	28.8 (1.21)	2.13 (54)	4.2 (107)
118	66,400	7,620	49,800	5,715	1,470	1,900	316 (143)	165 (6.95)	93 (42)	19.1 (0.805)	2.25 (57)	4.9 (125)
218	132,800	15,240	99,600	11,430	1,470	1,900	382 (173)	189 (7.96)	154 (70)	37.2 (1.57)	2.25 (57)	4.9 (125)
318	199,200	22,860	149,400	17,145	1,470	1,900	462 (210)	219 (9.23)	221 (100)	55.2 (2.33)	2.75 (70)	4.9 (125)
121	95,400	10,950	71,500	8,205	1,270	1,630	456 (207)	303 (12.8)	128 (58)	34 (1.43)	2.75 (70)	6.3 (160)
221	190,800	21,900	143,000	16,410	1,270	1,630	571 (259)	356 (15.0)	212 (96)	68 (2.87)	2.75 (70)	6.3 (160)
321	286,200	32,850	214,500	24,615	1,270	1,630	641 (291)	412 (17.4)	318 (144)	105 (4.43)	2.75 (70)	6.3 (160)
124H	160,600	18,435	120,500	13,830	1,140	1,430	623 (283)	470 (19.8)	167 (76)	57 (2.40)	2.75 (70)	6.3 (160)
224H	321,200	36,870	241,000	27,660	1,140	1,430	816 (370)	620 (26.1)	290 (132)	118 (4.97)	2.75 (70)	6.3 (160)
324H	481,800	55,305	361,500	41,490	1,140	1,430	1,016 (461)	765 (32.2)	435 (197)	180 (7.59)	2.75 (70)	6.3 (160)
227	361,100	41,450	270,800	31,080	1,040	1,270	974 (442)	890 (37.5)	353 (160)	206 (8.68)	3.25 (83)	6.3 (160)
327	541,650	62,175	406,200	46,620	1,040	1,270	1,154 (523)	1,048 (44.2)	527 (239)	298 (12.6)	3.25 (83)	6.3 (160)
230H	689,200	79,110	517,000	59,340	920	1,140	1,371 (622)	1,579 (66.5)	562 (255)	375 (15.8)	3.50 (89)	7.0 (178)
330H	1,033,800	118,665	775,500	89,010	920	1,140	1,730 (785)	1,861 (78.4)	842 (382)	556 (23.4)	3.50 (89)	7.0 (178)
236	1,068,000	122,600	801,000	91,940	790	960	1,929 (875)	3,259 (137)	805 (365)	824 (34.7)	5.50 (140)	8.4 (213)
336	1,602,000	183,900	1,201,500	137,910	790	960	2,545 (1,154)	4,144 (175)	1,218 (553)	1,246 (52.5)	5.50 (140)	8.4 (213)
242	1,509,400	173,200	1,132,000	129,900	700	820	2,313 (1,049)	5,444 (229)	950 (431)	1,176 (49.6)	7.50 (191)	11.2 (285)
342	2,264,100	259,800	1,698,000	194,850	700	820	2,749 (1,247)	6,529 (275)	1,425 (646)	1,705 (71.8)	7.50 (191)	11.2 (285)
248	2,832,000	325,000	2,124,000	243,800	600	710	4,165 (1,889)	12,810 (540)	1,795 (814)	3,320 (140)	10.00 (254)	14.5 (368)
348	4,248,000	487,500	3,186,000	365,700	600	710	5,378 (2,439)	17,215 (725)	2,838 (1,287)	4,800 (202)	10.00 (254)	14.5 (368)
260	5,670,000	650,900	4,252,500	488,100	480	570	9,555 (4,334)	46,520 (1,960)	2,587 (1,174)	7,097 (299)	10.00 (254)	18.9 (480)
360	8,505,000	976,350	6,378,750	732,150	480	570	11,634 (5,277)	57,512 (2,424)	3,890 (1,765)	10,635 (448)	10.00 (254)	18.9 (480)
460	11,340,000	1,301,800	8,505,000	976,200	480	570	14,245 (6,462)	68,020 (2,866)	5,540 (2,513)	14,650 (617)	10.00 (254)	18.9 (480)

Consult WPT Engineering for application assistance and applicable safety/service factors.

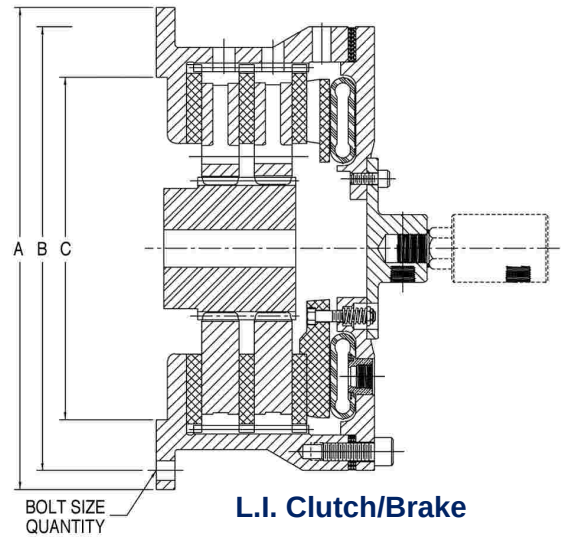
Units with Metric Mounting Dimensions

METRIC (mm)

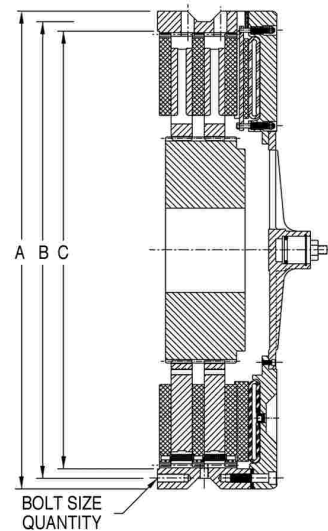
SIZE	A	B	C ISO H8	bolt size	qty
104	181	165	140	8.5	4
204	181	165	140	8.5	4
106	220	203	190	9	4
206	220	203	190	9	4
108	310	280	220	14	6
208	310	280	220	14	6
111	400	375	295	18	6
211	400	375	295	18	6
311	400	375	295	18	6
114	470	445	370	18	8
214	470	445	370	18	8
314	470	445	370	18	8
116	540	510	410	18	12
216	540	510	410	18	12
316	540	510	410	18	12
118	590	560	470	18	12
218	590	560	470	18	12
318	590	560	470	18	12
121	685	648	540	18	12
221	685	648	540	18	12
321	685	648	540	18	12
124H	760	730	620	18	12
224H	760	730	620	18	12
324H	760	730	620	18	12
227	830	800	700	18	16
327	830	800	700	18	16
230H	940	900	775	22	18
330H	940	900	775	22	18
236	1105	1065	925	22	18
336	1105	1065	925	22	18
242	1320	1250	1134	26	24
342	1320	1250	1134	26	24
248 *	1442	1372	1320	M24	24
348 *	1442	1372	1320	M24	24
260 *	1790	1689	1590	2" NC	24
360 *	1790	1689	1590	2" NC	24
460 *	1790	1689	1590	2" NC	24

* Clutch or brake does not include backplate.

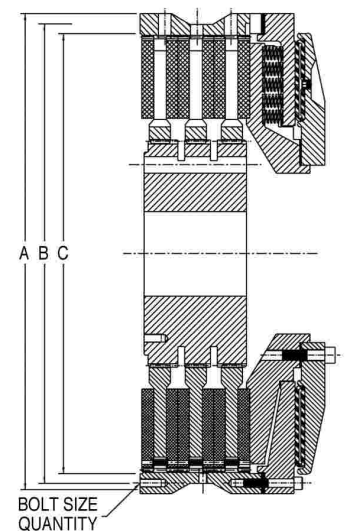
Certified prints available on request.



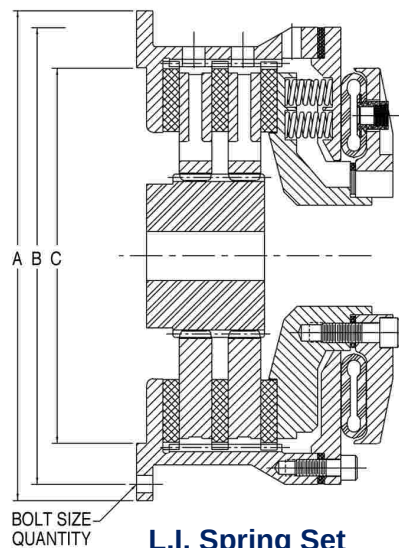
L.I. Clutch/Brake



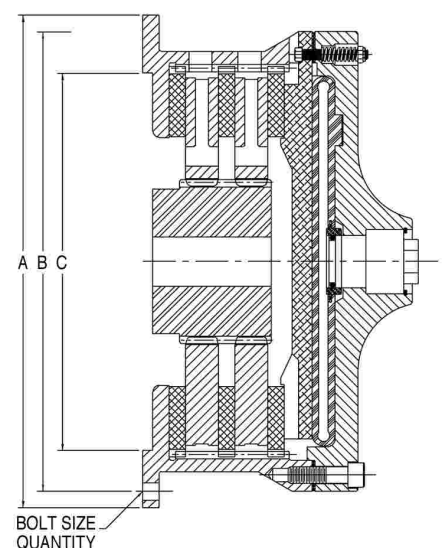
L.I. Clutch/Brake
Sizes 242-460



L.I. Spring Set
Air Release Brake
Sizes 242-460



L.I. Spring Set
Air Release Brake



L.I. High Torque Clutch

High Torque Clutches

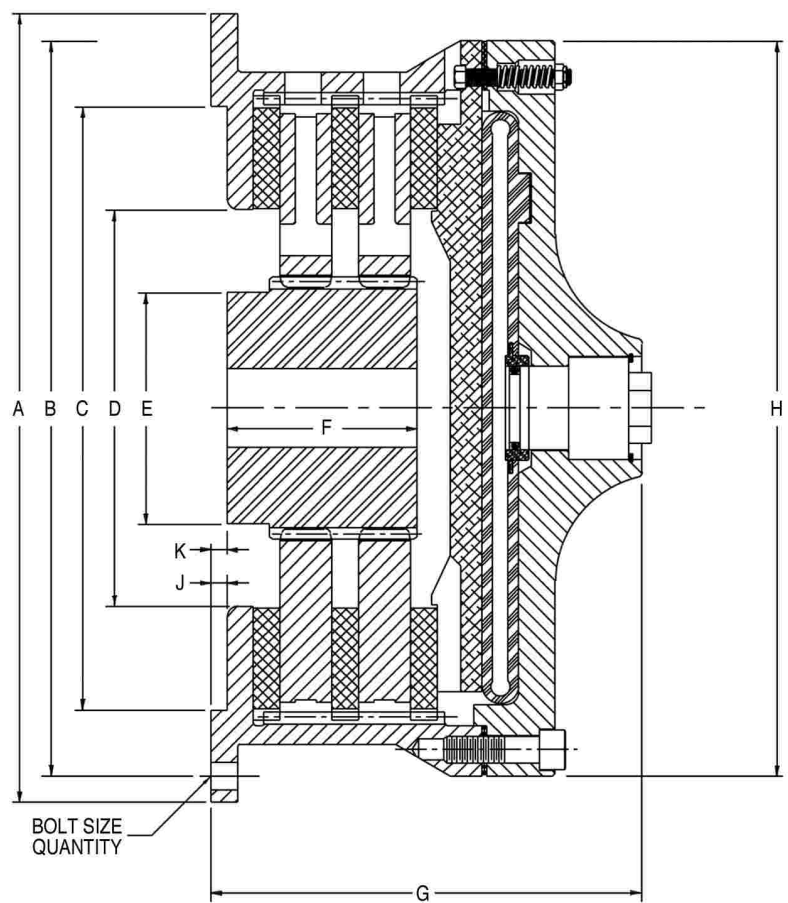
DIMENSIONS inches (mm)

SIZE	A +.000/- .003 (+.000/- .076)	B	C +.003/- .000 (+.076/- .000)	D	E	F	G	H	J	K	bolt size	qty
111	16.000 (406.40)	14.750 (374.65)	11.375 (288.93)	7 (177.80)	4 (101.60)	2 3/4 (69.85)	7 15/16 (201.61)	14 3/4 (374.65)	3/8 (9.53)	1/8 (3.18)	5/8	6
211	16.000 (406.40)	14.750 (374.65)	11.375 (288.93)	7 (177.80)	4 (101.60)	4 1/2 (114.30)	9 11/16 (246.06)	14 3/4 (374.65)	3/8 (9.53)	1/8 (3.18)	5/8	6
311	16.000 (406.40)	14.750 (374.65)	11.375 (288.93)	7 (177.80)	4 (101.60)	6 1/2 (165.10)	11 7/16 (290.51)	14 3/4 (374.65)	3/8 (9.53)	1/8 (3.18)	5/8	6
114	18.750 (476.25)	17.500 (444.50)	14.375 (365.13)	9 7/16 (239.71)	5 1/2 (139.70)	2 1/4 (57.15)	8 3/8 (212.73)	17 1/2 (444.50)	3/8 (9.53)	3/4 (19.05)	5/8	8
214	18.750 (476.25)	17.500 (444.50)	14.375 (365.13)	9 7/16 (239.71)	5 1/2 (139.70)	4 1/2 (114.30)	10 1/4 (260.35)	17 1/2 (444.50)	3/8 (9.53)	3/8 (9.53)	5/8	8
314	18.750 (476.25)	17.500 (444.50)	14.375 (365.13)	9 7/16 (239.71)	5 1/2 (139.70)	6 1/2 (165.10)	12 9/16 (319.09)	17 1/2 (444.50)	3/8 (9.53)	3/8 (9.53)	5/8	8
116	21.245 (539.63)	20.000 (508.00)	16.250 (412.75)	10 1/2 (266.70)	6 (152.40)	2 3/4 (69.85)	8 27/32 (224.63)	20 (508.00)	3/8 (9.53)	3/8 (9.53)	5/8	12
216	21.245 (539.63)	20.000 (508.00)	16.250 (412.75)	10 1/2 (266.70)	6 (152.40)	4 3/4 (120.65)	10 23/32 (272.26)	20 (508.00)	3/8 (9.53)	3/8 (9.53)	5/8	12
316	21.245 (539.63)	20.000 (508.00)	16.250 (412.75)	10 1/2 (266.70)	6 (152.40)	6 5/8 (168.28)	12 13/16 (325.44)	20 (508.00)	3/8 (9.53)	3/8 (9.53)	5/8	12
118	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	2 3/4 (69.85)	9 1/32 (229.39)	22 (558.80)	3/8 (9.53)	7/16 (11.11)	5/8	12
218	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	4 3/4 (120.65)	10 29/32 (277.02)	22 (558.80)	3/8 (9.53)	7/16 (11.11)	5/8	12
318	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	6 1/2 (165.10)	12 25/32 (324.65)	22 (558.80)	3/8 (9.53)	7/16 (11.11)	5/8	12
121	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	2 7/8 (73.03)	9 1/2 (241.30)	24 7/8 (631.83)	5/16 (7.94)	11/16 (17.46)	5/8	12
221	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	5 1/8 (130.18)	11 5/8 (295.28)	24 7/8 (631.83)	5/16 (7.94)	3/4 (19.05)	5/8	12
321	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	7 1/2 (190.50)	13 3/4 (349.25)	24 7/8 (631.83)	5/16 (7.94)	3/8 (9.53)	5/8	12
124	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	3 1/2 (88.90)	9 57/64 (251.22)	29 (736.60)	1/4 (6.35)	3/8 (9.53)	5/8	12
224	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	5 1/8 (130.18)	12 9/64 (308.37)	29 (736.60)	1/4 (6.35)	3/4 (19.05)	5/8	12
324	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	7 1/2 (190.50)	14 7/16 (366.71)	29 (736.60)	1/4 (6.35)	3/4 (19.05)	5/8	12
227	32.750 (831.85)	31.500 (800.10)	27.375 (695.33)	16 1/4 (412.75)	10 1/2 (266.70)	5 1/2 (139.70)	12 17/32 (318.30)	31 1/4 (793.75)	1/4 (6.35)	3/4 (19.05)	5/8	16
327	32.750 (831.85)	31.500 (800.10)	27.375 (695.33)	16 1/4 (412.75)	10 1/2 (266.70)	7 7/8 (200.03)	14 29/32 (378.62)	31 1/4 (793.75)	1/4 (6.35)	3/4 (19.05)	5/8	16
230	37.000 (939.80)	35.500 (901.70)	30.375 (771.53)	19 1/4 (488.95)	10 (254.00)	7 1/8 (180.98)	13 5/8 (346.08)	36 1/8 (917.58)	1/4 (6.35)	3/4 (19.05)	3/4	18
330	37.000 (939.80)	35.500 (901.70)	30.375 (771.53)	19 1/4 (488.95)	10 (254.00)	9 1/2 (241.30)	16 1/4 (412.75)	36 1/8 (917.58)	1/4 (6.35)	3/4 (19.05)	3/4	18
236	43.500 (1104.90)	42.000 (1066.80)	36.375 (923.93)	23 5/8 (600.08)	12 (304.80)	7 1/2 (190.50)	15 1/16 (382.59)	41 1/2 (1054.10)	1/4 (6.35)	1 1/8 (28.58)	1	18
336	43.500 (1104.90)	42.000 (1066.80)	36.375 (923.93)	23 5/8 (600.08)	12 (304.80)	10 3/4 (273.05)	18 3/8 (466.73)	41 1/2 (1054.10)	1/4 (6.35)	1 1/8 (28.58)	1	18

Certified prints available on request.

For units with metric mounting, see page 3.

For Rotating Air Unions, see pages 8-9.



SPECIFICATIONS

Size	Torque Ratings @ 100 psi (lb-in)/7 bar (Nm)				Maximum Speed		WEIGHT and INERTIA				BORE RANGE	
	Static Torque		Dynamic Torque		Complete Clutch	Hub & CPs only	Total Weight	Total Inertia	Hub & CP Weight	Hub & CP Inertia	Minimum	Maximum
	lb-in	Nm	lb-in	Nm							inches (mm)	inches (mm)
111	26,000	2,940	19,500	2,200	2140	3120	176 (80)	34 (1.43)	28 (13)	2.4 (0.101)	1.25 (32)	2.8 (71)
211	52,000	5,880	39,000	4,400	2140	3120	199 (90)	40 (1.70)	52 (24)	4.7 (0.198)	1.25 (32)	2.8 (71)
311	78,000	8,820	58,500	6,600	2140	3120	226 (103)	48 (2.00)	77 (35)	7.0 (0.295)	1.25 (32)	2.8 (71)
114	52,500	5,925	39,350	4,445	1830	2450	236 (107)	72 (3.03)	52 (23)	6.0 (0.253)	1.88 (48)	3.3 (85)
214	105,000	11,850	78,700	8,890	1830	2450	287 (130)	85 (3.60)	84 (38)	11.5 (0.485)	1.88 (48)	3.9 (98)
314	157,500	17,775	118,050	13,335	1830	2450	337 (153)	99 (4.19)	126 (57)	16.9 (0.712)	1.88 (48)	3.9 (98)
116	76,100	8,600	57,100	6,450	1610	2140	240 (109)	90 (3.79)	65 (30)	10.7 (0.451)	2.13 (54)	4.2 (107)
216	152,200	17,200	114,200	12,890	1610	2140	314 (142)	112 (4.72)	109 (49)	19.8 (0.834)	2.13 (54)	4.2 (107)
316	228,300	25,800	171,300	19,350	1610	2140	388 (176)	135 (5.69)	157 (71)	28.8 (1.21)	2.13 (54)	4.2 (107)
118	115,500	13,050	86,625	9,790	1470	1900	405 (184)	197 (8.30)	93 (42)	19.1 (0.805)	2.25 (57)	4.9 (125)
218	231,000	26,100	173,250	19,580	1470	1900	471 (214)	227 (9.57)	154 (70)	37.2 (1.57)	2.25 (57)	4.9 (125)
318	346,500	39,150	259,875	29,370	1470	1900	551 (250)	256 (10.8)	221 (100)	55.2 (2.33)	2.75 (70)	4.9 (125)
121	185,250	20,930	139,000	15,700	1270	1630	551 (250)	345 (14.5)	128 (58)	34 (1.43)	2.75 (70)	6.3 (160)
221	370,500	41,860	278,000	31,400	1270	1630	666 (302)	416 (17.5)	212 (96)	68 (2.87)	2.75 (70)	6.3 (160)
321	555,750	62,790	417,000	47,100	1270	1630	736 (334)	460 (19.4)	318 (144)	105 (4.43)	2.75 (70)	6.3 (160)
124	255,500	28,870	191,625	21,650	1140	1430	751 (341)	536 (22.6)	167 (76)	57 (2.40)	2.75 (70)	6.3 (160)
224	511,000	57,740	383,250	43,300	1140	1430	944 (428)	677 (28.5)	290 (132)	118 (4.97)	2.75 (70)	6.3 (160)
324	766,500	86,610	574,875	64,950	1140	1430	1,144 (519)	841 (35.5)	435 (197)	180 (7.59)	2.75 (70)	6.3 (160)
227	721,400	81,500	541,000	61,130	1040	1270	1,179 (535)	1,010 (42.6)	353 (160)	206 (8.68)	3.25 (83)	6.3 (160)
327	1,082,100	122,250	811,500	91,695	1040	1270	1,359 (616)	1,209 (50.9)	527 (239)	298 (12.6)	3.25 (83)	6.3 (160)
230	1,033,000	116,700	775,000	87,520	920	1140	1,821 (826)	2,214 (93.3)	562 (255)	375 (15.8)	3.50 (89)	7.0 (178)
330	1,549,500	175,050	1,162,500	131,280	920	1140	2,180 (989)	2,470 (104)	842 (382)	556 (23.4)	3.50 (89)	7.0 (178)
236	1,988,000	224,600	1,500,000	168,450	790	960	2,813 (1,276)	4,572 (193)	805 (365)	824 (34.7)	5.50 (140)	8.4 (213)
336	2,982,000	336,900	2,250,000	252,675	790	960	3,404 (1,544)	5,195 (219)	1,218 (553)	1,246 (52.5)	5.50 (140)	8.4 (213)

Consult WPT Engineering for application assistance and applicable safety/service factors.

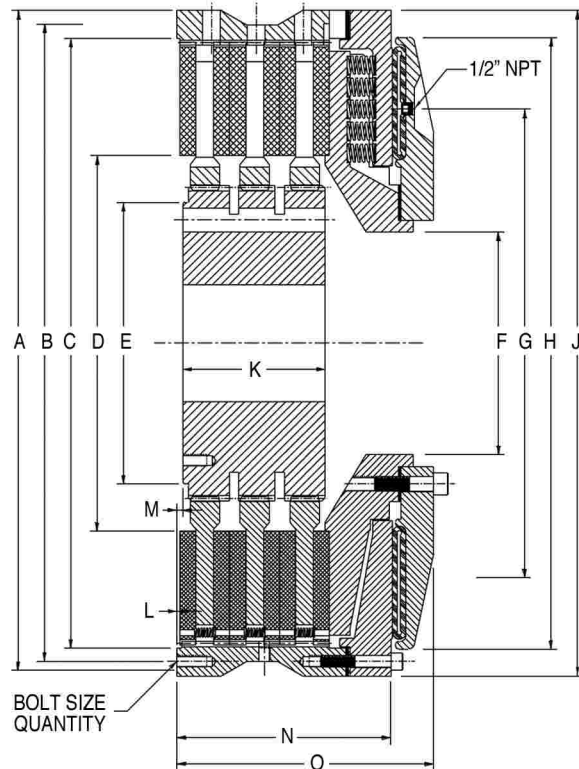
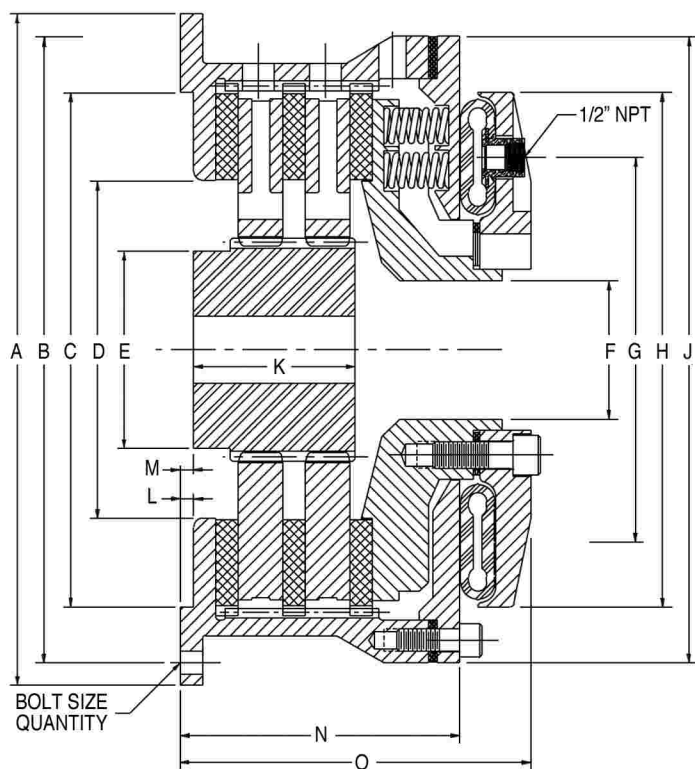
Spring Set Brakes

DIMENSIONS inches (mm)

Certified prints available upon request.
For units with Metric Mounting, see page 3.
For Air Accessories, see pages 8-9.

SIZE	A + .000/- .003 (+ .000/- .076)	B	C + .003/- .000 (+ .075/- .000)	D	E	F	G	H	J	K	L	M	N	O	BOLT SIZE	QUAN- TITY
106	8.750 (222.25)	8.000 (203.20)	7.377 (187.38)	4 3/16 (106.36)	2 11/16 (68.26)	2 (50.80)	4 3/4 (120.65)	7 11/32 (186.53)	8 13/16 (223.84)	2 (50.80)	1/16 (1.59)	1/16 (1.59)	4 13/32 (111.92)	5 1/2 (139.70)	5/16	4
206	8.750 (222.25)	8.000 (203.20)	7.377 (187.38)	4 3/16 (106.36)	2 11/16 (68.26)	2 (50.80)	4 3/4 (120.65)	7 11/32 (186.53)	8 13/16 (223.84)	3 1/4 (82.55)	1/16 (1.59)	1/16 (1.59)	5 19/32 (142.08)	6 21/32 (169.07)	5/16	4
108	12.125 (307.98)	11.125 (282.58)	8.375 (212.73)	5 3/8 (136.53)	3 1/2 (88.90)	1 61/64 (49.61)	6 5/8 (168.28)	9 3/8 (238.13)	11 1/8 (282.58)	2 (50.80)	1/4 (6.35)	1/4 (6.35)	4 9/16 (115.89)	5 7/8 (149.23)	1/2	6
208	12.125 (307.98)	11.125 (282.58)	8.375 (212.73)	5 3/8 (136.53)	3 1/2 (88.90)	1 61/64 (49.61)	6 5/8 (168.28)	9 3/8 (238.13)	11 1/8 (282.58)	3 1/4 (82.55)	1/4 (6.35)	1/4 (6.35)	5 7/8 (149.23)	7 13/16 (182.56)	1/2	6
111	16.000 (406.40)	14.750 (374.65)	11.375 (288.93)	7 (177.80)	4 (101.60)	3 1/64 (76.60)	8 1/2 (215.90)	11 15/16 (303.21)	14 3/4 (374.65)	2 3/4 (69.85)	3/8 (9.53)	1/8 (3.18)	5 7/16 (138.11)	6 13/16 (173.04)	5/8	6
211	16.000 (406.40)	14.750 (374.65)	11.375 (288.93)	7 (177.80)	4 (101.60)	3 1/64 (76.60)	8 1/2 (215.90)	11 15/16 (303.21)	14 3/4 (374.65)	4 3/8 (111.13)	3/8 (9.53)	1/4 (6.35)	7 1/4 (184.15)	8 5/8 (219.08)	5/8	6
114	18.750 (476.25)	17.500 (444.50)	14.375 (365.13)	9 7/16 (239.71)	5 1/2 (139.70)	3 7/8 (98.43)	10 3/4 (273.05)	14 3/8 (365.13)	17 1/2 (444.50)	3 (76.20)	3/8 (9.53)	1/8 (3.18)	5 7/8 (149.23)	7 7/8 (200.03)	5/8	8
214	18.750 (476.25)	17.500 (444.50)	14.375 (365.13)	9 7/16 (239.71)	5 1/2 (139.70)	3 7/8 (98.43)	10 3/4 (273.05)	14 3/8 (365.13)	17 1/2 (444.50)	4 1/2 (114.30)	3/8 (9.53)	3/8 (9.53)	7 13/16 (198.44)	9 13/16 (249.24)	5/8	8
116	21.248 (539.70)	20.000 (508.00)	16.250 (412.75)	10 1/2 (266.70)	6 (152.40)	4 3/8 (111.13)	12 1/2 (317.50)	16 19/64 (413.94)	20 (508.00)	4 (101.60)	3/8 (9.53)	3/8 (9.53)	6 (152.40)	8 1/4 (209.55)	5/8	12
216	21.248 (539.70)	20.000 (508.00)	16.250 (412.75)	10 1/2 (266.70)	6 (152.40)	4 3/8 (111.13)	12 1/2 (317.50)	16 19/64 (413.94)	20 (508.00)	4 3/4 (120.65)	3/8 (9.53)	3/8 (9.53)	7 7/8 (200.03)	10 1/8 (257.18)	5/8	12
118	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	4 7/8 (123.83)	14 3/16 (360.36)	19 3/8 (492.13)	22 (558.80)	4 (101.60)	3/8 (9.53)	7/16 (11.11)	6 9/16 (166.69)	8 13/16 (223.84)	5/8	12
218	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	4 7/8 (123.83)	14 3/16 (360.36)	19 3/8 (492.13)	22 (558.80)	4 3/4 (120.65)	3/8 (9.53)	7/16 (11.11)	8 7/16 (214.31)	10 11/16 (271.46)	5/8	12
318	23.250 (590.55)	22.000 (558.80)	18.250 (463.55)	12 1/2 (317.50)	7 (177.80)	4 7/8 (123.83)	14 3/16 (360.36)	19 3/8 (492.13)	22 (558.80)	6 1/2 (165.10)	3/8 (9.53)	7/16 (11.11)	10 5/16 (261.94)	12 9/16 (319.09)	5/8	12
121	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	6 1/4 (158.75)	16 (406.40)	21 5/16 (541.34)	24 7/8 (631.83)	4 (101.60)	5/16 (7.94)	3/4 (19.05)	7 1/2 (190.50)	9 15/16 (242.41)	5/8	12
221	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	6 1/4 (158.75)	16 (406.40)	21 5/16 (541.34)	24 7/8 (631.83)	5 1/8 (130.18)	5/16 (7.94)	3/4 (19.05)	9 5/8 (244.48)	12 1/16 (306.39)	5/8	12
321	27.000 (685.80)	25.500 (647.70)	21.375 (542.93)	14 1/2 (368.30)	9 (228.60)	6 1/4 (158.75)	16 (406.40)	21 5/16 (541.34)	24 7/8 (631.83)	7 (177.80)	5/16 (7.94)	3/4 (19.05)	11 3/4 (298.45)	14 3/16 (360.36)	5/8	12
124H	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	8 1/4 (209.55)	21 (533.40)	27 (685.80)	29 (736.60)	4 (101.60)	1/4 (6.35)	3/4 (19.05)	7 5/16 (185.74)	9 11/16 (246.06)	5/8	12
224H	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	8 1/4 (209.55)	21 (533.40)	27 (685.80)	29 (736.60)	5 1/8 (130.18)	1/4 (6.35)	13/16 (20.64)	9 9/16 (242.89)	11 15/16 (303.21)	5/8	12
324H	30.000 (762.00)	28.750 (730.25)	24.375 (619.13)	14 1/2 (368.30)	9 (228.60)	8 1/4 (209.55)	21 (533.40)	27 (685.80)	29 (736.60)	7 1/2 (190.50)	1/4 (6.35)	13/16 (20.64)	11 13/16 (300.04)	14 3/16 (360.36)	5/8	12
227	32.750 (831.85)	31.500 (800.10)	27.375 (695.33)	16 1/4 (412.75)	9 (228.60)	8 1/4 (209.55)	21 (533.40)	27 (685.80)	31 (787.40)	6 7/8 (174.63)	1/4 (6.35)	3/4 (19.05)	10 3/32 (256.38)	12 1/2 (317.50)	5/8	16
327	32.750 (831.85)	31.500 (800.10)	27.375 (695.33)	16 1/4 (412.75)	9 (228.60)	8 1/4 (209.55)	21 (533.40)	27 (685.80)	31 (787.40)	7 15/16 (201.61)	1/4 (6.35)	3/4 (19.05)	12 15/32 (316.71)	14 7/8 (377.83)	5/8	16
230H	37.000 (939.80)	35.500 (901.70)	30.375 (771.53)	19 1/4 (488.95)	10 (254.00)	8 1/4 (209.55)	24 3/4 (628.65)	32 (812.80)	34 3/4 (882.65)	7 1/8 (180.98)	1/4 (6.35)	1 7/8 (47.63)	11 11/16 (296.86)	14 7/16 (366.71)	3/4	18
330H	37.000 (939.80)	35.500 (901.70)	30.375 (771.53)	19 1/4 (488.95)	10 (254.00)	8 1/4 (209.55)	24 3/4 (628.65)	32 (812.80)	34 3/4 (882.65)	11 7/8 (301.63)	1/4 (6.35)	5/8 (15.88)	15 1/16 (382.59)	17 13/16 (452.44)	3/4	18
236	43.500 (1104.90)	42.000 (1066.80)	36.375 (923.93)	23 5/8 (600.08)	12 (304.80)	12 3/4 (323.85)	30 1/2 (774.70)	38 1/4 (971.55)	41 (1041.40)	9 (228.60)	1/4 (6.35)	5/8 (15.88)	11 3/4 (298.45)	15 5/16 (388.94)	3/4	18
336	43.500 (1104.90)	42.000 (1066.80)	36.375 (923.93)	23 5/8 (600.08)	12 (304.80)	12 3/4 (323.85)	30 1/2 (774.70)	38 1/4 (971.55)	41 (1041.40)	12 3/8 (314.33)	1/4 (6.35)	5/8 (15.88)	15 9/16 (295.29)	19 (482.60)	3/4	18
242*	49.000 (1244.60)	46.500 (1181.05)	45.000 (1143.00)	29 1/2 (749.30)	16 (406.40)	20 7/16 (519.11)	35 (889.00)	44 1/8 (1120.78)	49 1/4 (1250.95)	9 3/8 (238.13)	1/4 (6.35)	7/8 (22.23)	12 (304.80)	14 (355.60)	1	24
342*	49.000 (1244.60)	46.500 (1181.05)	45.000 (1143.00)	29 1/2 (749.30)	16 (406.40)	20 7/16 (519.11)	35 (889.00)	44 1/8 (1120.78)	49 1/4 (1250.95)	12 3/8 (314.33)	1/4 (6.35)	7/8 (22.23)	15 3/4 (400.05)	17 5/8 (447.68)	1	24
248*	56.750 (1441.46)	54.000 (1371.61)	52.000 (1320.81)	32 (812.80)	24 (609.60)	19 (482.60)	40 (1016.00)	52 1/8 (1323.98)	56 3/4 (1441.46)	8 3/4 (222.25)	1/4 (6.35)	3/4 (19.05)	13 7/8 (352.43)	17 5/8 (447.68)	1	24
348*	56.750 (1441.46)	54.000 (1371.61)	52.000 (1320.81)	32 (812.80)	24 (609.60)	19 (482.60)	40 (1016.00)	52 1/8 (1323.98)	56 3/4 (1441.46)	12 5/8 (320.68)	1/4 (6.35)	1/2 (12.70)	18 7/16 (468.31)	22 3/4 (577.85)	1	24
260*	70.500 (1790.71)	66.500 (1689.11)	67.750 (1720.86)	36 (914.40)	27 (685.80)	20 5/8 (523.88)	46 (1168.40)	61 1/2 (1562.11)	70 1/2 (1790.71)	9 3/8 (238.13)	1/4 (6.35)	1/4 (6.35)	17 3/4 (450.85)	22 3/8 (568.33)	2	24
360*	70.500 (1790.71)	66.500 (1689.11)	67.750 (1720.86)	36 (914.40)	27 (685.80)	20 5/8 (523.88)	46 (1168.40)	61 1/2 (1562.11)	70 1/2 (1790.71)	14 1/8 (358.78)	1/4 (6.35)	1/4 (6.35)	22 1/4 (565.15)	26 7/8 (682.63)	2	24
460*	70.500 (1790.71)	66.500 (1689.11)	67.750 (1720.86)	36 (914.40)	27 (685.80)	20 5/8 (523.88)	46 (1168.40)	61 1/2 (1562.11)	70 1/2 (1790.71)	18 5/8 (473.08)	1/4 (6.35)	1/4 (6.35)	26 3/4 (679.45)	31 3/8 (796.93)	2	24

*Brake does not include backplate



SPECIFICATIONS

Size 242-460

Size	Minimum Release Pressure												Maximum Speed rpm	WEIGHT and INERTIA			BORE RANGE	
	60 psi/4.1 bar (1)				75 psi/5.2 bar (2)				90 psi/6.2 bar (3)					Total Weight lbs (kgs)	Hub & CP Weight lbs (kgs)	Hub & CP Inertia lbf²(wr²)	Minimum inches (mm)	Maximum inches (mm)
	Static Torque		Dynamic Torque		Static Torque		Dynamic Torque		Static Torque		Dynamic Torque							
	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm	lb-in	Nm						
106	2,425	275	1,800	205	3,275	370	2,450	275	3,930	445	2,950	335	5280	44 (20)	6.6 (3.0)	0.23 (0.010)	0.88 (22.2)	1.9 (48)
206	4,850	550	3,600	410	6,550	740	4,900	550	7,850	885	5,900	665	5280	51 (23)	12 (5.6)	0.49 (0.021)	0.88 (22.2)	1.9 (48)
108	3,600	405	2,700	305	4,900	555	3,700	420	5,700	645	4,300	485	4290	74 (34)	13 (5.9)	0.62 (0.026)	0.94 (23.8)	2.5 (62)
208	7,800	880	5,850	660	9,000	1,015	6,750	765	10,500	1,185	7,900	895	4290	84 (38)	24 (11)	1.2 (0.051)	1.13 (29)	2.5 (62)
111	8,900	1,005	6,675	755	11,100	1,255	8,300	940	12,900	1,460	9,700	1,095	3120	165 (75)	28 (13)	2.4 (0.101)	1.25 (32)	2.8 (71)
211	16,000	1,810	12,000	1,355	19,900	2,250	14,900	1,685	23,200	2,620	17,400	1,965	3120	188 (85)	52 (24)	4.7 (0.198)	1.25 (32)	2.8 (71)
114	15,000	1,695	11,250	1,270	19,200	2,170	14,400	1,625	24,000	2,710	18,000	2,035	2450	243 (110)	52 (23)	6.0 (0.253)	1.88 (48)	3.3 (85)
214	28,800	3,255	21,600	2,440	34,500	3,900	25,900	2,925	43,200	4,880	32,400	3,660	2450	294 (133)	84 (38)	11.5 (0.485)	1.88 (48)	3.9 (98)
116	20,800	2,350	15,600	1,765	25,400	2,870	19,000	2,145	32,800	3,705	24,600	2,780	2140	307 (139)	65 (30)	10.7 (0.451)	2.13 (54)	4.2 (107)
216	40,000	4,520	30,000	3,390	50,600	5,720	38,000	4,295	62,700	7,085	47,000	5,310	2140	381 (173)	109 (49)	19.8 (0.834)	2.13 (54)	4.2 (107)
118	33,400	3,775	25,000	2,825	43,600	4,930	32,700	3,695	51,400	5,810	38,600	4,360	1900	455 (206)	93 (42)	19.1 (0.805)	2.25 (57)	4.9 (125)
218	64,300	7,265	48,200	5,450	78,400	8,860	58,800	6,645	92,400	10,440	69,300	7,830	1900	521 (236)	154 (70)	37.2 (1.57)	2.25 (57)	4.9 (125)
318	91,200	10,300	68,400	7,730	104,600	11,820	78,500	8,870	123,300	13,935	92,500	10,455	1900	601 (273)	221 (100)	55.2 (2.33)	2.75 (70)	4.9 (125)
121	45,700	5,165	34,300	3,875	57,800	6,530	43,400	4,905	71,800	8,115	53,900	6,090	1630	624 (283)	128 (58)	34 (1.43)	2.75 (70)	6.3 (160)
221	91,200	10,300	68,400	7,730	116,000	13,110	87,000	9,830	130,500	14,745	97,900	11,065	1630	739 (335)	212 (96)	68 (2.87)	2.75 (70)	6.3 (160)
321	130,400	14,740	97,800	11,050	168,800	19,075	126,600	14,305	176,200	19,910	132,200	14,940	1630	809 (367)	318 (144)	105 (4.43)	2.75 (70)	6.3 (160)
124H	79,000	8,925	59,300	6,700	95,900	10,835	71,900	8,125	126,800	14,330	95,100	10,745	1430	856 (388)	167 (76)	57 (2.40)	2.75 (70)	6.3 (160)
224H	151,500	17,120	113,600	12,840	171,600	19,390	128,700	14,545	252,300	28,510	189,200	21,380	1430	1,049 (476)	290 (132)	118 (4.97)	2.75 (70)	6.3 (160)
324H	227,200	25,670	170,400	19,260	294,500	33,280	220,900	24,960	374,300	42,300	280,700	31,720	1430	1,249 (567)	435 (197)	180 (7.59)	2.75 (70)	6.3 (160)
227	181,800	20,540	136,400	15,410	225,300	25,460	169,000	19,100	272,400	30,780	204,300	23,085	1270	1,280 (581)	353 (160)	206 (8.68)	3.25 (83)	6.3 (160)
327	260,900	29,480	195,700	22,110	334,300	37,775	250,700	28,330	418,600	47,300	314,000	35,480	1270	1,460 (662)	527 (239)	298 (12.6)	3.25 (83)	6.3 (160)
230H	330,700	37,370	248,000	28,020	440,600	49,790	330,500	37,350	542,200	61,270	406,700	45,960	1140	1,862 (845)	562 (255)	375 (15.8)	3.50 (89)	7.0 (178)
330H	512,800	57,950	384,600	43,460	670,100	75,720	502,600	56,800	800,600	90,470	600,500	67,855	1140	2,221 (1,007)	842 (382)	556 (23.4)	3.50 (89)	7.0 (178)
236	514,800	58,170	386,100	43,630	-	-	-	-	-	-	-	-	960	2,753 (1,249)	805 (365)	824 (34.7)	5.50 (140)	8.4 (213)
336	697,100	78,770	522,800	59,080	-	-	-	-	-	-	-	-	960	3,369 (1,528)	1,218 (553)	1,246 (52.5)	5.50 (140)	8.4 (213)
242	858,000	96,950	643,700	72,740	-	-	-	-	-	-	-	-	820	4,413 (2,002)	950 (431)	1,176 (49.6)	7.50 (191)	11.2 (285)
342	1,162,000	131,300	871,500	98,480	-	-	-	-	-	-	-	-	820	4,849 (2,200)	1,425 (646)	1,705 (71.8)	7.50 (191)	11.2 (285)
248	1,439,000	162,600	1,079,600	122,000	-	-	-	-	-	-	-	-	710	6,982 (3,167)	1,795 (814)	3,320 (140)	10.00 (254)	14.5 (368)
348	1,949,000	220,200	1,462,000	165,200	-	-	-	-	-	-	-	-	710	8,195 (3,717)	2,838 (1,287)	4,800 (202)	10.00 (254)	14.5 (368)
260	3,510,000	396,600	2,632,000	297,400	-	-	-	-	-	-	-	-	570	12,046 (5,464)	2,587 (1,174)	7,097 (299)	10.00 (254)	18.9 (480)
360	4,752,000	537,000	3,564,000	402,700	-	-	-	-	-	-	-	-	570	14,125 (6,407)	3,890 (1,765)	10,635 (448)	10.00 (254)	18.9 (480)
460	5,615,000	634,500	4,211,000	475,800	-	-	-	-	-	-	-	-	570	16,736 (7,591)	5,540 (2,513)	14,650 (617)	10.00 (254)	18.9 (480)

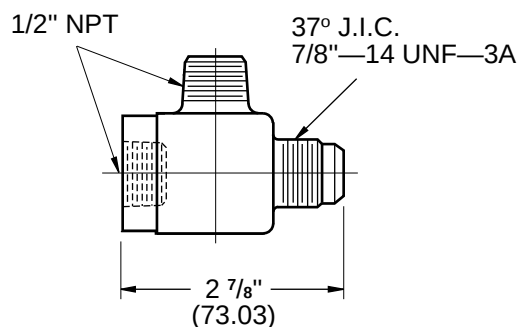
- (1) Rapid Cycling Duty
- (2) Cycling Duty
- (3) Emergency, Holding, and Service Duty

Consult WPT Engineering for application assistance and applicable safety/service factors.

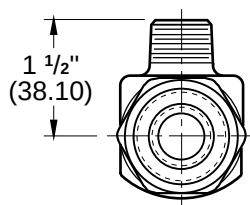
ACCESSORIES

Air Accessories For Low Inertia Clutches And Brakes

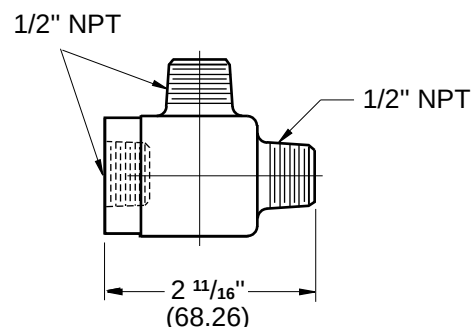
Quick Release Valves (Springless)



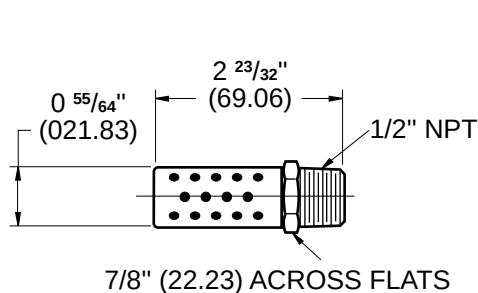
**WOO-10-900
QRV**



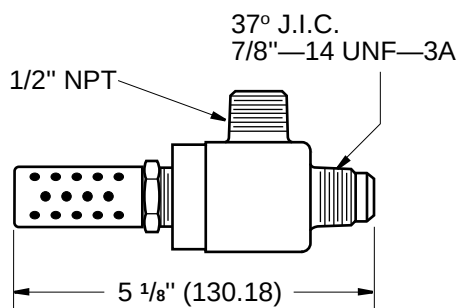
END VIEW



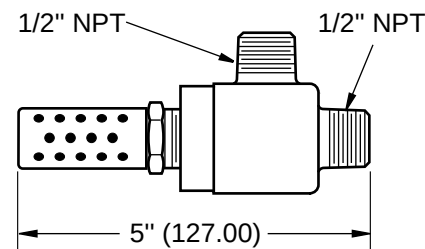
**WOO-10-901
QRV**



**WOO-10-906
MUFFLER**



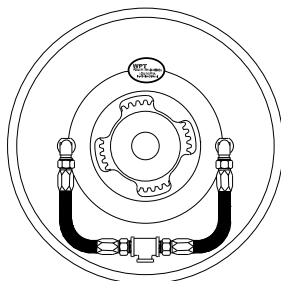
**WOO-10-917
QRV w/MUFFLER**



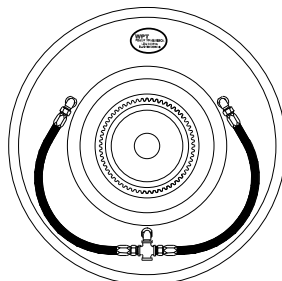
**WOO-10-918
QRV w/MUFFLER**

Quick Release Valves are not available for 4" and 6" units.
Elbows can be used in place of QRV's in applications where fast response is not critical.

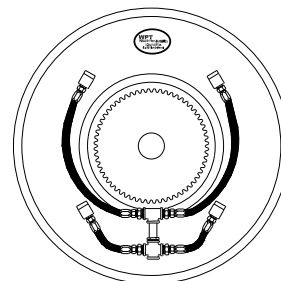
Typical Hose Arrangements for Low Inertia Brakes



8"—16"

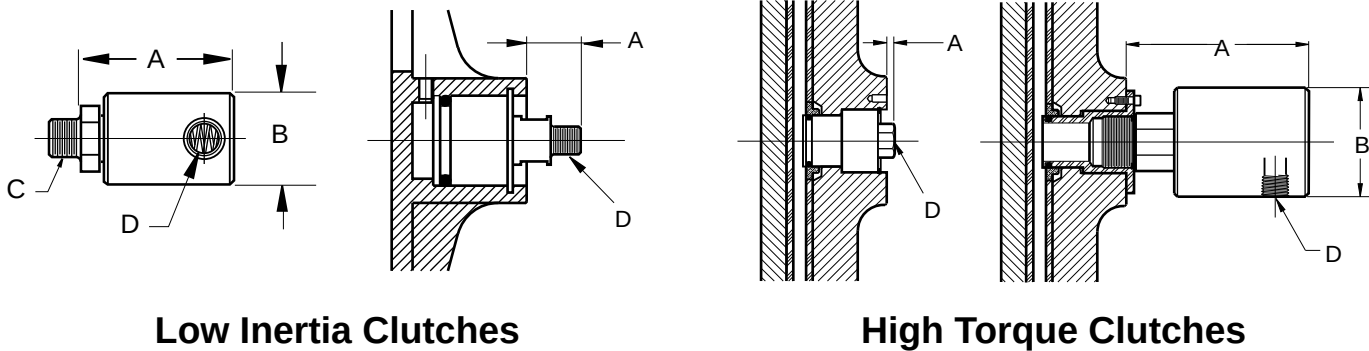


18"—27"



30"—48"

Air Rotating Unions (Roto-Couplings)



Rotating Air Union Dimensions for Low Inertia Clutches

CLUTCH SIZE	AIR UNION PART NUMBER	A INCHES (mm)	B INCHES (mm)	C ROTOR THREAD	D INLET THREAD
104-206	W00-21-006	2 5/8 (66.68)	1 5/8 (41.28)	5/8"-18 UNF	1/4" NPT
108-321	W00-21-002	3 23/32 (94.36)	2 1/4 (57.15)	1"-14 UNS	1/2" NPT/BSPT
124-327	W00-21-008	4 5/16 (109.54)	2 7/8 (73.03)	1"-14 UNS	3/4" NPT
230-348	W00-21-010	1 15/32 (37.31)	NA	NA	1" NPT
124-348*	W00-21-011	5 1/8 (130.18)	3 1/4 (82.55)	1 1/2"-12 UNF	1" NPT
230-348**	W00-21-033	7 (177.80)	4 1/4 (107.95)	2"-12 UN	1 1/2" NPT
260-460	W00-21-020	12 5/8 (320.68)	7 (177.80)	2 1/2" NPT	2 1/2" NPT

*Optional external rotating air union

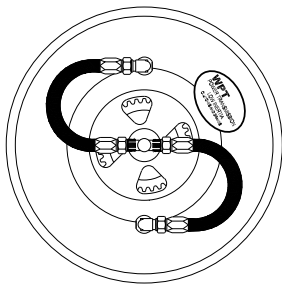
**Large capacity external rotating air union for faster response time

Rotating Air Union Dimensions for High Torque Clutches

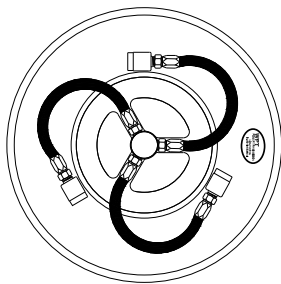
CLUTCH SIZE	AIR UNION PART NUMBER	ADAPTER PART NUMBER	A INCHES (mm)	B INCHES (mm)	C ROTOR THREAD	D INLET THREAD
111-336	W00-21-000	NA	19/64 (7.54)	NA	NA	1/2" NPT/BSPT
116-330*	W00-21-011	W00-21-018	5 7/16 (138.11)	3 1/4 (82.55)	1 1/2"-12 UNF	1" NPT
236-336*	W00-21-049	W00-21-058	8 (203.20)	4 1/4 (107.95)	1 3/4"-12 UN	1 1/2" NPT

*Large capacity external rotating air union for faster response time

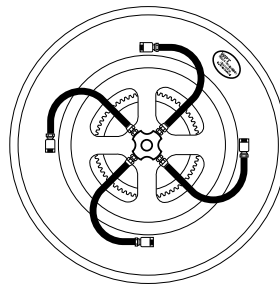
Typical Hose Arrangements for Low Inertia Clutches



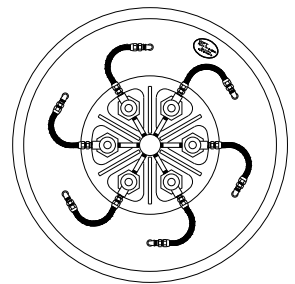
8"—16"



18"—27"



30"—48"



60"



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