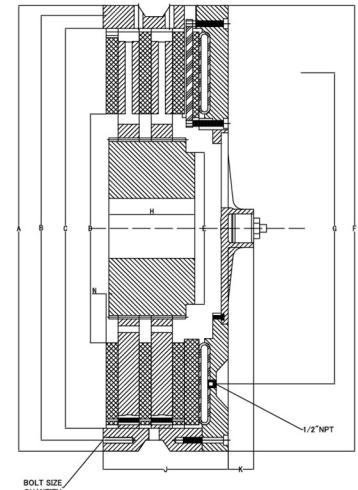
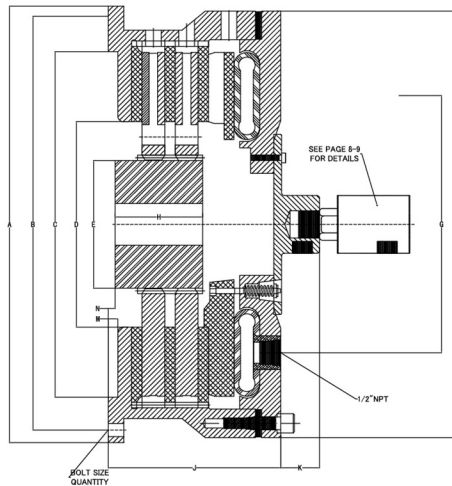


Low Inertia Clutch and Brake



Dimensions Data

SIZE	A +0.000 / -0.003 (+0.000 / -0.076)	B	C +0.003 / -0.000 (+0.076 / -0.000)	D	E	F	G	H	J	USE FOR CLUTCH ONLY	BOLT SIZE	QTY	M	N
104	7.375 (187.33)	6.875 (174.63)	4.375 (111.13)	27/8 (73.03)	NA	63/8(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)	27/8 (73.03)	NA	63/8(161.93)	NA	17/8(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)	43/16(106.36)	2 11/16(68.26)	813/16 (223.84)	43/4(120.65)	2(50.80)	33/4 (95.25)	17/16(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)	43/16(106.36)	2 11/16(68.26)	813/16 (223.84)	43/4(120.65)	3 1/4(82.55)	4 15/16(125.41)	17/16(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)	53/8(136.53)	3 1/2 (88.90)	11 1/8(282.58)	65/8(168.28)	2(50.80)	49/16(115.89)	13/4 (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)	53/8(136.53)	3 1/2 (88.90)	11 1/8(282.58)	65/8(168.28)	3 1/4(82.55)	5 15/16(150.81)	13/4 (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)	143/4(374.65)	8 1/2(215.90)	23/4(69.85)	57/16(138.11)	13/4 (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)	143/4(374.65)	8 1/2(215.90)	43/8(111.13)	7 1/4 (184.15)	13/4 (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)	143/4(374.65)	8 1/2(215.90)	6 1/8(155.58)	8 15/16(227.01)	13/4 (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)	97/16(239.71)	5 1/2 (139.70)	17 1/2(444.50)	103/4(273.05)	33/4 (95.25)	6 (152.40)	17/8 (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)	97/16(239.71)	5 1/2 (139.70)	17 1/2(444.50)	103/4(273.05)	4 1/2 (114.30)	8 (203.20)	17/8 (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)	97/16(239.71)	5 1/2 (139.70)	17 1/2(444.50)	103/4(273.05)	6 1/2 (165.10)	9 13/16(249.24)	17/8 (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)	65/16(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)	43/4 (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)	63/4 (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)	43/4(120.65)	85/8(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)	105/16(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)	247/8(631.83)	16(406.40)	4(101.60)	73/8(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)	247/8(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)	247/8(631.83)	16(406.40)	7(177.80)	119/16(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)	75/8(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)	123/16(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)	67/8(174.63)	103/8(263.53)	16 15/32(418.31)	5/8	16	1/4(6.35)	3/4(19.05)
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)	123/4(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)	243/4(628.65)	7 1/8(180.98)	111 1/16(296.86)	43/8(111.13)	3/4	18	1/4(6.35)	17/8(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)	243/4(628.65)	117/8(301.63)	155/16(388.94)	43/8(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)	235/8(600.08)	14(355.60)	41(1041.40)	30 1/2(774.70)	9(228.60)	127/8(327.03)	33/4(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)	235/8(600.08)	14(355.60)	41(1041.40)	30 1/2(774.70)	113/8(288.93)	17 1/16(433.39)	33/4(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)	117/8(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)	123/8(314.33)	143/4(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)	83/4(222.25)	141/16(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)	115/8(295.28)	165/16(430.21)	4 (101.60)	1	24	1/4(6.35)	1 1/16(17.46)
260	70.50 (1790.70)	66.50 (1689.10)	62.750 (1593.85)	36 (914.40)	27(685.80)	70 1/2(1790.70)	46 1/2(1181.10)	93/8(238.13)	175/8(447.68)	23/8(60.33)	2	24	1/4(6.35)	1/4(6.35)
360	70.50 (1790.70)	66.50 (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)	225/8(574.68)	23/8(60.33)	2	24	1/4(6.35)	1/4(6.35)
460	70.50 (1790.70)	66.50 (1689.10)	62.750 (1593.85)	36 (914.40)	27(685.80)	70 1/2(1790.70)	46 1/2(1181.10)	185/8(473.08)	27 1/8(688.98)	23/8(60.33)	2	24	1/4(6.35)	1/4(6.35)

Technical Parameter

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 Clutch Inertia	Hub & CP Weight	Hub & CP Inertia	Minimum	Maximum
	lb-in	Nm	lb-in	Nm	rpm	rpm	lbs (kgs)	lbft ² (wr ²)	lbs (kgs)	lbft ² Wr ²)(kgm ² (J))	inches	inches
								(kgm ² (J))			(mm)	(mm)
104	2340	260	1750	200	4660	7850	11 (5)	0.54 (0.023)	2.5 (1.1)	0.03(0.0013)	0.50 (127)	1.8 (46)
204	4680	520	3500	400	4660	7850	15 (7)	0.56 (0.024)	4.0 (1.8)	0.04(0.0017)	0.50 (127)	1.8 (46)
106	4970	570	3730	425	3900	5280	29 (13)	2.3 (0.097)	6.6 (3.0)	0.23(0.010)	0.88 (22.2)	1.9 (48)
206	9940	1140	7460	850	3990	5280	36 (16)	3.2 (0.135)	12 (5.6)	0.49(0.021)	0.88 (22.2)	1.9 (48)
108	7300	835	5500	630	2830	4290	63 (29)	8.2 (0.346)	13 (5.9)	0.62(0.026)	0.94 (23.8)	2.5 (62)
208	14600	1670	11000	1260	2830	4290	72 (33)	9.3 (0.392)	24 (11)	1.2(0.051)	1.13 (29)	2.5 (62)
111	16600	1905	12450	1425	2140	3120	141(64)	28 (1.22)	28 (13)	2.4 (0.101)	1.25 (32)	2.8 (71)
211	33200	3810	24900	2850	2140	3120	164 (74)	34 (1.43)	52 (24)	4.7(0.198)	1.25 (32)	2.8 (71)
311	49800	5715	37350	5275	2140	3120	191 (87)	41 (1.73)	77 (35)	7.0(0.295)	1.25 (32)	2.8 (71)
114	28900	3315	21700	2490	1830	2450	178 (81)	56 (2.36)	52 (23)	6.0(0.253)	1.88 (48)	3.3 (85)
214	57800	6630	43400	4980	1830	2450	229 (104)	70 (2.95)	84 (38)	11.5(0.485)	1.88 (48)	3.9 (98)
314	86700	9945	65100	7470	1830	2450	279 (127)	84 (3.54)	126 (57)	16.9(0.712)	1.88 (48)	3.9 (98)
116	39750	4560	29800	3420	1610	2140	253 (115)	103 (4.34)	65 (30)	10.7(0.451)	2.13 (54)	4.2 (107)
216	79500	9120	59600	6840	1610	2140	327 (148)	127 (5.35)	109 (49)	19.8(0.834)	2.13 (54)	4.2 (107)
316	119250	13680	89400	10260	1610	2140	401 (182)	150 (6.32)	157 (71)	28.8(1.21)	2.13 (54)	4.2 (107)
118	66400	7620	49800	5715	1470	1900	316 (143)	165 (6.95)	93 (42)	19.1(0.805)	2.25 (57)	4.9 (125)
218	132800	15240	99600	11430	1470	1900	382 (173)	189 (7.96)	154 (70)	37.2(1.57)	2.25 (57)	4.9 (125)
318	199200	22860	149400	17145	1470	1900	462 (210)	219 (9.23)	221 (100)	55.2(2.33)	2.75 (70)	4.9 (125)
121	95400	10950	71500	8205	1270	1630	456 (207)	303 (12.8)	128 (58)	34 (1.43)	2.75 (70)	6.3 (160)
221	190800	21900	143000	16410	1270	1630	571 (259)	356 (15.0)	212 (96)	68 (2.87)	2.75 (70)	6.3 (160)
321	286200	32850	214500	24615	1270	1630	641 (291)	412 (17.4)	318 (144)	105(4.43)	2.7 5 (70)	6.3 (160)
124H	160600	18435	120500	13830	1140	1430	623 (283)	470 (19.8)	167 (76)	57 (2.40)	2.7 5 (70)	6.3 (160)
224H	321200	36870	241000	27660	1140	1430	816 (370)	620 (26.1)	290 (132)	118(4.97)	2.7 5 (70)	6.3 (160)
324H	481800	55305	361500	41490	1140	1430	1016(461)	765 (32.2)	435 (197)	180(7.59)	2.7 5 (70)	6.3 (160)
227	361100	41450	270800	31080	1040	1270	974 (442)	890 (37.5)	353 (160)	206(8.68)	3.25 (83)	6.3 (160)
327	541650	62175	406200	46620	1040	1270	1154 (523)	1048 (44.2)	527 (239)	298(12.6)	3.25 (83)	6.3 (160)
230H	689200	79110	517000	59340	920	1140	1371 (622)	1579 (66.5)	562 (255)	375(15.8)	3.50 (89)	7.0 (178)
330H	1033800	118665	775500	89010	920	1140	1730 (785)	1861 (78.4)	842 (382)	556 (23.4)	3.50 (89)	7.0 (178)
236	1068000	122600	801000	91940	790	960	1929(875)	3259 (137)	805 (365)	824 (34.7)	5.50 (140)	8.4 (213)
336	1602000	183900	1201500	137910	790	960	2545(1154)	4144 (175)	1218(553)	1246(52.5)	5.50 (140)	8.4 (213)
242	1509400	173200	1132000	129900	700	820	2313(1049)	5444 (229)	950 (431)	1176(49.6)	7.50 (191)	11.2 (285)
342	2264100	259800	1698000	194850	700	820	2749(1247)	6529 (275)	1425 (646)	1705 (71.8)	7.50 (191)	11.2 (285)
248	2832000	325000	2124000	243800	600	710	4165(1889)	12810 (540)	1795 (814)	3320 (140)	10.00 (254)	14.5 (368)
348	4248000	487500	3186000	365700	600	710	5378(2439)	17215 (725)	2838 (1287)	4800 (202)	10.00 (254)	14.5 (368)
260	5670000	650900	4252500	488100	480	570	9555(4334)	46520 (1960)	2587 (1174)	7097 (299)	10.00 (254)	18.9 (480)
360	8505000	976350	6378750	732150	480	570	11634(5277)	57512 (2424)	3890 (1765)	10635 (448)	10.00 (254)	18.9 (480)
460	11340000	1301800	8505000	976200	480	570	14245(6462)	68020 (2866)	5540 (2513)	14650 (617)	10.00 (254)	18.9 (480)