



ZODZ.E223175 - Positioning Devices

Positioning Devices

See General Information for Positioning Devices

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E223175

Coated Metallic Cable Ties Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Bundle Diam., mm(in.)		Loop Tensile Str., N(lbf)	Operating Temp., °C(°F)		Resistant to UV Light	Plenum Rating	Also Classified to [^] IEC 62275 and EN 62275
		Min	Max		Min	Max			
		45xxxSC (b)(c)	21		15.0 (0.59)	483.0 (19.02)			
SCxx45 (a)(c)	21	15.0 (0.59)	483.0 (19.02)	890 (200)	-60 (-76)	300 (572)	Yes	AH-2	-

Fixing Devices Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Mechanical Str., N(lbf)	Operating Temp., °C(°F)		Resistant to UV Light	Plenum Rating	Material Flame Rating	Also Classified to [^] IEC 62275 and EN 62275
			Min	Max				
			0109B (b)	21				
0109N (b)	21	80 (18)	-40 (-40)	85 (185)	Yes	AH-2	V-2	-
0209B (b)	21	180 (40)	-40 (-40)	85 (185)	-	AH-2	V-2	-
0209N (b)	21	180 (40)	-40 (-40)	85 (185)	Yes	AH-2	V-2	-
B0901 (a)	21	80 (18)	-40 (-40)	85 (185)	-	AH-2	V-2	-
B0902 (a)	21	180 (40)	-40 (-40)	85 (185)	-	AH-2	V-2	-
N0901 (a)	21	80 (18)	-40 (-40)	85 (185)	Yes	AH-2	V-2	-
N0902 (a)	21	180 (40)	-40 (-40)	85 (185)	Yes	AH-2	V-2	-

Metallic Cable Ties Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Bundle Diam., mm(in.)		Loop Tensile Str., N(lbf)	Operating Temp., °C(°F)		Resistant to UV Light	Plenum Rating	Also Classified to [^] IEC 62275 and EN 62275
		Min	Max		Min	Max			
		12xxxS (b) (c)	2		15.0 (0.59)	483.0 (19.02)			
45xxxS (b) (c)	2	15.0 (0.59)	483.0 (19.02)	890 (200)	-60 (-76)	300 (572)	Yes	AH-1	-
79xxxS (b) (c)	2	15.0 (0.59)	483.0 (19.02)	1500 (337)	-60 (-76)	300 (572)	Yes	AH-1	-
Sxx12 (a) (c)	2	15.0 (0.59)	483.0 (19.02)	2300 (517)	-60 (-76)	300 (572)	Yes	AH-1	-
Sxx45 (a) (c)	2	15.0 (0.59)	483.0 (19.02)	890 (200)	-60 (-76)	300 (572)	Yes	AH-1	-
Sxx79 (a) (c)	2	15.0 (0.59)	483.0 (19.02)	1500 (337)	-60 (-76)	300 (572)	Yes	AH-1	-

Nonmetallic Cable Ties Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Bundle Diam., mm(in.)		Loop Tensile Str., N(lbf)	Operating Temp., °C(°F)		Min. Install. Temp., °C(°F)	Resistant to UV Light	Plenum Rating	Material Flame Rating	Also Classified to [^] IEC 62275 and EN 62275
		Min	Max		Min	Max					
		12100B (b)	21		9.0 (0.35)	315.0 (12.40)					
12100BHS (b)	21	9.0 (0.35)	315.0 (12.40)	1200 (270)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
12100BHT (b)	21	9.0 (0.35)	315.0 (12.40)	1200 (270)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
12100N (b)	21	9.0 (0.35)	315.0 (12.40)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12103B (b)	21	9.0 (0.35)	323.0 (12.72)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12103BHS (b)	21	9.0 (0.35)	323.0 (12.72)	1200 (270)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
12103BHT (b)	21	9.0 (0.35)	323.0 (12.72)	1200 (270)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
12103N (b)	21	9.0 (0.35)	323.0 (12.72)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12240B (b)	21	9.0 (0.35)	57.0 (2.24)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

12240N (b)	21	9.0 (0.35)	57.0 (2.24)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12290B (b)	21	9.0 (0.35)	76.0 (2.99)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12290N (b)	21	9.0 (0.35)	76.0 (2.99)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12380B (b)	21	9.0 (0.35)	103.5 (4.07)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12380N (b)	21	9.0 (0.35)	103.5 (4.07)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12490B (b)	21	9.0 (0.35)	136.5 (5.37)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12490N (b)	21	9.0 (0.35)	136.5 (5.37)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12530B (b)	21	9.0 (0.35)	156.0 (6.14)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12530BHS (b)	21	9.0 (0.35)	156.0 (6.14)	1200 (270)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
12530BHT (b)	21	9.0 (0.35)	156.0 (6.14)	1200 (270)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
12530N (b)	21	9.0 (0.35)	156.0 (6.14)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12580B (b)	21	9.0 (0.35)	168.0 (6.61)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12580N (b)	21	9.0 (0.35)	168.0 (6.61)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12650B (b)	21	9.0 (0.35)	195.0 (7.68)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12650BHS (b)	21	9.0 (0.35)	195.0 (7.68)	1200 (270)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
12650BHT (b)	21	9.0 (0.35)	195.0 (7.68)	1200 (270)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
12650N (b)	21	9.0 (0.35)	195.0 (7.68)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12740B (b)	21	9.0 (0.35)	216.0 (8.50)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12740N (b)	21	9.0 (0.35)	216.0 (8.50)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12890B (b)	21	9.0 (0.35)	263.0 (10.35)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
12890N (b)	21	9.0 (0.35)	263.0 (10.35)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

24080B (b)	21	3.0 (0.12)	14.0 (0.55)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
24080BHS (b)	21	3.0 (0.12)	14.0 (0.55)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
24080BHT (b)	21	3.0 (0.12)	14.0 (0.55)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
24080N (b)	21	3.0 (0.12)	14.0 (0.55)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25100B (b)	21	3.0 (0.12)	20.5 (0.81)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
25100BHS (b)	21	3.0 (0.12)	20.5 (0.81)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
25100BHT (b)	21	3.0 (0.12)	20.5 (0.81)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
25100BT2 (b)	21	5.5 (0.22)	22.0 (0.87)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
25100BT2HS (b)	21	5.5 (0.22)	22.0 (0.87)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
25100BT2HT (b)	21	5.5 (0.22)	22.0 (0.87)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
25100N (b)	21	3.0 (0.12)	20.5 (0.81)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25100NT2 (b)	21	5.5 (0.22)	22.0 (0.87)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25120B (b)	21	3.0 (0.12)	27.0 (1.06)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
25120BHS (b)	21	3.0 (0.12)	27.0 (1.06)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
25120BHT (b)	21	3.0 (0.12)	27.0 (1.06)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
25120N (b)	21	3.0 (0.12)	27.0 (1.06)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25130B (b)	21	3.0 (0.12)	30.0 (1.18)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
25130BHS (b)	21	3.0 (0.12)	30.0 (1.18)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
25130BHT (b)	21	3.0 (0.12)	30.0 (1.18)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
25130N (b)	21	3.0 (0.12)	30.0 (1.18)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25150B (b)	21	3.0 (0.12)	36.5 (1.44)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

25150BHS (b)	21	3.0 (0.12)	36.5 (1.44)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
25150BHT (b)	21	3.0 (0.12)	36.5 (1.44)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
25150N (b)	21	3.0 (0.12)	36.5 (1.44)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25160B (b)	21	3.0 (0.12)	39.8 (1.57)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
25160BHS (b)	21	3.0 (0.12)	39.8 (1.57)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
25160BHT (b)	21	3.0 (0.12)	39.8 (1.57)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
25160N (b)	21	3.0 (0.12)	39.8 (1.57)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25200B (b)	21	3.0 (0.12)	52.5 (2.07)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
25200BHS (b)	21	3.0 (0.12)	52.5 (2.07)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
25200BHT (b)	21	3.0 (0.12)	52.5 (2.07)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
25200N (b)	21	3.0 (0.12)	52.5 (2.07)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25260B (b)	21	3.0 (0.12)	73.0 (2.87)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
25260N (b)	21	3.0 (0.12)	73.0 (2.87)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
25380B (b)	21	3.0 (0.12)	110.0 (4.33)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
25380N (b)	21	3.0 (0.12)	110.0 (4.33)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36140B (b)	21	3.0 (0.12)	33.0 (1.30)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36140BHS (b)	21	3.0 (0.12)	33.0 (1.30)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
36140BHT (b)	21	3.0 (0.12)	33.0 (1.30)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
36140N (b)	21	3.0 (0.12)	33.0 (1.30)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36150B (b)	21	3.0 (0.12)	36.0 (1.42)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36150BHS (b)	21	3.0 (0.12)	36.0 (1.42)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-

36150BHT (b)	21	3.0 (0.12)	36.0 (1.42)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
36150N (b)	21	3.0 (0.12)	36.0 (1.42)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36180B (b)	21	3.0 (0.12)	46.0 (1.81)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36180BHS (b)	21	3.0 (0.12)	46.0 (1.81)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
36180BHT (b)	21	3.0 (0.12)	46.0 (1.81)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
36180N (b)	21	3.0 (0.12)	46.0 (1.81)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36200B (b)	21	3.0 (0.12)	52.5 (2.07)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36200BHS (b)	21	3.0 (0.12)	52.5 (2.07)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
36200BHT (b)	21	3.0 (0.12)	52.5 (2.07)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
36200N (b)	21	3.0 (0.12)	52.5 (2.07)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36250B (b)	21	3.0 (0.12)	68.0 (2.68)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36250BHS (b)	21	3.0 (0.12)	68.0 (2.68)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
36250BHT (b)	21	3.0 (0.12)	68.0 (2.68)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
36250N (b)	21	3.0 (0.12)	68.0 (2.68)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36280B (b)	21	3.0 (0.12)	78.0 (3.07)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36280BHS (b)	21	3.0 (0.12)	78.0 (3.07)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
36280BHT (b)	21	3.0 (0.12)	78.0 (3.07)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
36280N (b)	21	3.0 (0.12)	78.0 (3.07)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36290B (b)	21	3.0 (0.12)	106.0 (4.17)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36290BHS (b)	21	3.0 (0.12)	106.0 (4.17)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
36290BHT (b)	21	3.0 (0.12)	106.0 (4.17)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-

36290N (b)	21	3.0 (0.12)	106.0 (4.17)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36370B (b)	21	3.0 (0.12)	105.0 (4.13)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36370BHS (b)	21	3.0 (0.12)	105.0 (4.13)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
36370BHT (b)	21	3.0 (0.12)	105.0 (4.13)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
36370N (b)	21	3.0 (0.12)	105.0 (4.13)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48120B (b)	21,21S	3.0 (0.12)	23.8 (0.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48120BHS (b)	21	3.0 (0.12)	23.8 (0.94)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48120BHT (b)	21	3.0 (0.12)	23.8 (0.94)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48120N (b)	21,21S	3.0 (0.12)	23.8 (0.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48160B (b)	21,21S	3.0 (0.12)	36.6 (1.44)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48160BA (b)	21	4.0 (0.16)	41.9 (1.65)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48160BHS (b)	21	3.0 (0.12)	36.6 (1.44)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48160BHT (b)	21	3.0 (0.12)	36.6 (1.44)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48160N (b)	21,21S	3.0 (0.12)	36.6 (1.44)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48160NA (b)	21	4.0 (0.16)	41.9 (1.65)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48180B (b)	21,21S	3.0 (0.12)	43.0 (1.69)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48180BHS (b)	21	3.0 (0.12)	43.0 (1.69)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48180BHT (b)	21	3.0 (0.12)	43.0 (1.69)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48180N (b)	21,21S	3.0 (0.12)	43.0 (1.69)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48190B (b)	21,21S	3.0 (0.12)	46.0 (1.81)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48190BHS (b)	21	3.0 (0.12)	46.0 (1.81)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-

48190BHT (b)	21	3.0 (0.12)	46.0 (1.81)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48190N (b)	21,21S	3.0 (0.12)	46.0 (1.81)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48200 BY (b)	21	3.0 (0.12)	49.5 (1.95)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	HB	-
48200 NY (b)	21,21S	3.0 (0.12)	49.5 (1.95)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	HB	-
48200B (b)	21,21S	3.0 (0.12)	49.5 (1.95)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48200BA (b)	21	4.0 (0.16)	54.8 (2.16)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48200BAHS (b)	21	4.0 (0.16)	54.8 (2.16)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
48200BHS (b)	21	3.0 (0.12)	49.5 (1.95)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48200BHT (b)	21	3.0 (0.12)	49.5 (1.95)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48200BT2 (b)	21	12.5 (0.49)	50.9 (2.00)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48200BT2HS (b)	21	12.5 (0.49)	50.9 (2.00)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
48200BT2HT (b)	21	12.5 (0.49)	50.9 (2.00)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48200BU (b)	21	3.0 (0.12)	50.0 (1.97)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48200BW (b)	21	3.0 (0.12)	50.0 (1.97)	356 (80)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48200HAHT (b)	21	4.0 (0.16)	54.8 (2.16)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48200N (b)	21,21S	3.0 (0.12)	49.5 (1.95)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48200NA (b)	21	4.0 (0.16)	54.8 (2.16)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48200NT2 (b)	21	12.5 (0.49)	50.9 (2.00)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48200NU (b)	21,21S	3.0 (0.12)	50.0 (1.97)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48200NW (b)	21	3.0 (0.12)	50.0 (1.97)	356 (80)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48250B (b)	21,21S	3.0 (0.12)	65.0 (2.56)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-

48250BHS (b)	21	3.0 (0.12)	65.0 (2.56)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48250BHT (b)	21	3.0 (0.12)	65.0 (2.56)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48250N (b)	21,21S	3.0 (0.12)	65.0 (2.56)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48280 BY (b)	21	3.0 (0.12)	74.8 (2.94)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	HB	-
48280B (b)	21,21S	3.0 (0.12)	74.8 (2.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48280BHS (b)	21	3.0 (0.12)	74.8 (2.94)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48280BHT (b)	21	3.0 (0.12)	74.8 (2.94)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48280BU (b)	21	3.0 (0.12)	70.0 (2.76)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48280BW (b)	21	3.0 (0.12)	77.0 (3.03)	356 (80)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48280N (b)	21,21S	3.0 (0.12)	74.8 (2.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48280NU (b)	21,21S	3.0 (0.12)	70.0 (2.76)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48280NW (b)	21	3.0 (0.12)	77.0 (3.03)	356 (80)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48280NY (b)	21,21S	3.0 (0.12)	74.8 (2.94)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	HB	-
48290B (b)	21,21S	3.0 (0.12)	78.0 (3.07)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48290BHS (b)	21	3.0 (0.12)	78.0 (3.07)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48290BHT (b)	21	3.0 (0.12)	78.0 (3.07)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48290N (b)	21,21S	3.0 (0.12)	78.0 (3.07)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48300B (b)	21,21S	3.0 (0.12)	81.0 (3.19)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48300BA (b)	21	4.0 (0.16)	88.1 (3.47)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48300BAHS (b)	21	4.0 (0.16)	88.1 (3.47)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
48300BHS (b)	21	3.0 (0.12)	81.0 (3.19)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-

48300BHT (b)	21	3.0 (0.12)	81.0 (3.19)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48300HAHT (b)	21	4.0 (0.16)	88.1 (3.47)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48300N (b)	21,21S	3.0 (0.12)	81.0 (3.19)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48300NA (b)	21	4.0 (0.16)	88.1 (3.47)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48310B (b)	21,21S	3.0 (0.12)	84.0 (3.31)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48310BHS (b)	21	3.0 (0.12)	84.0 (3.31)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48310BHT (b)	21	3.0 (0.12)	84.0 (3.31)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48310N (b)	21,21S	3.0 (0.12)	84.0 (3.31)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48350B (b)	21,21S	3.0 (0.12)	97.0 (3.82)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48350BHS (b)	21	3.0 (0.12)	97.0 (3.82)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48350BHT (b)	21	3.0 (0.12)	97.0 (3.82)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48350N (b)	21,21S	3.0 (0.12)	97.0 (3.82)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48360 BY (b)	21	3.0 (0.12)	100.0 (3.94)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	HB	-
48360B (b)	21,21S	3.0 (0.12)	100.0 (3.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48360BHS (b)	21	3.0 (0.12)	100.0 (3.94)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48360BHT (b)	21	3.0 (0.12)	100.0 (3.94)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48360BU (b)	21	3.0 (0.12)	102.0 (4.02)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48360BW (b)	21	3.0 (0.12)	102.0 (4.02)	356 (80)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48360N (b)	21,21S	3.0 (0.12)	100.0 (3.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48360NU (b)	21,21S	3.0 (0.12)	102.0 (4.02)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48360NW (b)	21	3.0 (0.12)	102.0 (4.02)	356 (80)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-

48360NY (b)	21,21S	3.0 (0.12)	100.0 (3.94)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	HB	-
48370B (b)	21,21S	3.0 (0.12)	103.5 (4.07)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48370BA (b)	21	4.0 (0.16)	111.0 (4.37)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48370BAHS (b)	21	4.0 (0.16)	111.0 (4.37)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
48370BHS (b)	21	3.0 (0.12)	103.5 (4.07)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48370BHT (b)	21	3.0 (0.12)	103.5 (4.07)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48370HAHT (b)	21	4.0 (0.16)	111.0 (4.37)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48370N (b)	21,21S	3.0 (0.12)	103.5 (4.07)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48370NA (b)	21	4.0 (0.16)	111.0 (4.37)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48380B (b)	21,21S	3.0 (0.12)	106.7 (4.20)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48380BHS (b)	21	3.0 (0.12)	106.7 (4.20)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48380BHT (b)	21	3.0 (0.12)	106.7 (4.20)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48380N (b)	21,21S	3.0 (0.12)	106.7 (4.20)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48390B (b)	21,21S	3.0 (0.12)	110.0 (4.33)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48390BHS (b)	21	3.0 (0.12)	110.0 (4.33)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48390BHT (b)	21	3.0 (0.12)	110.0 (4.33)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48390N (b)	21,21S	3.0 (0.12)	110.0 (4.33)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48430B (b)	21,21S	3.0 (0.12)	122.5 (4.82)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48430BHS (b)	21	3.0 (0.12)	122.5 (4.82)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48430BHT (b)	21	3.0 (0.12)	122.5 (4.82)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48430BW (b)	21	3.0 (0.12)	124.0 (4.88)	356 (80)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

48430N (b)	21,21S	3.0 (0.12)	122.5 (4.82)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48430NW (b)	21	3.0 (0.12)	124.0 (4.88)	356 (80)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48450B (b)	21,21S	3.0 (0.12)	129.0 (5.08)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48450BHS (b)	21	3.0 (0.12)	129.0 (5.08)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48450BHT (b)	21	3.0 (0.12)	129.0 (5.08)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48450N (b)	21,21S	3.0 (0.12)	129.0 (5.08)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48500B (b)	21,21S	3.0 (0.12)	145.0 (5.71)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48500BHS (b)	21	3.0 (0.12)	145.0 (5.71)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
48500BHT (b)	21	3.0 (0.12)	145.0 (5.71)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
48500N (b)	21,21S	3.0 (0.12)	145.0 (5.71)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48530B (b)	21,21S	3.0 (0.12)	160.0 (6.30)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48530N (b)	21,21S	3.0 (0.12)	160.0 (6.30)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48610B (b)	21,21S	3.0 (0.12)	179.9 (7.08)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48610N (b)	21,21S	3.0 (0.12)	179.9 (7.08)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48740B (b)	21,21S	3.0 (0.12)	220.0 (8.66)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48740N (b)	21,21S	3.0 (0.12)	220.0 (8.66)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
48920B (b)	21,21S	3.0 (0.12)	278.0 (10.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
48920N (b)	21,21S	3.0 (0.12)	278.0 (10.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76150B (b)	21,21S	6.0 (0.24)	23.8 (0.94)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76150BHS (b)	21	6.0 (0.24)	23.8 (0.94)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76150BHT (b)	21	6.0 (0.24)	23.8 (0.94)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-

76150BR	21	10.0 (0.39)	40.3 (1.59)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
76150BRHS	21	10.0 (0.39)	40.3 (1.59)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76150BRHT	21	10.0 (0.39)	40.3 (1.59)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76150N (b)	21,21S	6.0 (0.24)	23.8 (0.94)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76150NR	21	10.0 (0.39)	40.3 (1.59)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
76200B (b)	21,21S	6.0 (0.24)	50.9 (2.00)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76200BHS (b)	21	6.0 (0.24)	50.9 (2.00)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76200BHT (b)	21	6.0 (0.24)	50.9 (2.00)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76200BR	21	10.0 (0.39)	55.6 (2.19)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
76200BRHS	21	10.0 (0.39)	55.6 (2.19)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76200BRHT	21	10.0 (0.39)	55.6 (2.19)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76200N (b)	21,21S	6.0 (0.24)	50.9 (2.00)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76200NR	21	10.0 (0.39)	55.6 (2.19)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
76220B (b)	21,21S	6.0 (0.24)	56.0 (2.20)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76220BHS (b)	21	6.0 (0.24)	56.0 (2.20)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76220BHT (b)	21	6.0 (0.24)	56.0 (2.20)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76220N (b)	21,21S	6.0 (0.24)	56.0 (2.20)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76250B (b)	21,21S	6.0 (0.24)	66.8 (2.63)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76250BHS (b)	21	6.0 (0.24)	66.8 (2.63)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76250BHT (b)	21	6.0 (0.24)	66.8 (2.63)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76250BR	21	10.0 (0.39)	71.8 (2.83)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

76250N (b)	21,21S	6.0 (0.24)	66.8 (2.63)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76250NR	21	10.0 (0.39)	71.8 (2.83)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
76280B (b)	21,21S	6.0 (0.24)	76.4 (3.01)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76280BHS (b)	21	6.0 (0.24)	76.4 (3.01)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76280BHT (b)	21	6.0 (0.24)	76.4 (3.01)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76280N (b)	21,21S	6.0 (0.24)	76.4 (3.01)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76290B (b)	21,21S	6.0 (0.24)	82.8 (3.26)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76290BHS (b)	21	6.0 (0.24)	82.8 (3.26)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76290BHT (b)	21	6.0 (0.24)	82.8 (3.26)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76290N (b)	21,21S	6.0 (0.24)	82.8 (3.26)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76300BR	21	10.0 (0.39)	88.1 (3.47)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
76300NR	21	10.0 (0.39)	88.1 (3.47)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
76350B (b)	21,21S	6.0 (0.24)	98.5 (3.88)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76350BHS (b)	21	6.0 (0.24)	98.5 (3.88)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76350BHT (b)	21	6.0 (0.24)	98.5 (3.88)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76350N (b)	21,21S	6.0 (0.24)	98.5 (3.88)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76370BR	21	3.0 (0.12)	109.9 (4.33)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
76370NR	21	3.0 (0.12)	109.9 (4.33)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
76375B (b)	21,21S	6.0 (0.24)	103.5 (4.07)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76375BHS (b)	21	6.0 (0.24)	103.5 (4.07)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76375BHT (b)	21	6.0 (0.24)	103.5 (4.07)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-

76375N (b)	21,21S	6.0 (0.24)	103.5 (4.07)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76380B (b)	21,21S	6.0 (0.24)	108.0 (4.25)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76380BHS (b)	21	6.0 (0.24)	108.0 (4.25)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76380BHT (b)	21	6.0 (0.24)	108.0 (4.25)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76380N (b)	21,21S	6.0 (0.24)	108.0 (4.25)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76400B (b)	21,21S	6.0 (0.24)	114.5 (4.51)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76400BHS (b)	21	6.0 (0.24)	114.5 (4.51)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76400BHT (b)	21	6.0 (0.24)	114.5 (4.51)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76400N (b)	21,21S	6.0 (0.24)	114.5 (4.51)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76450B (b)	21,21S	6.0 (0.24)	130.5 (5.14)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76450BHS (b)	21	6.0 (0.24)	130.5 (5.14)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76450BHT (b)	21	6.0 (0.24)	130.5 (5.14)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76450N (b)	21,21S	6.0 (0.24)	130.5 (5.14)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76500B (b)	21,21S	6.0 (0.24)	146.0 (5.75)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76500BHS (b)	21	6.0 (0.24)	146.0 (5.75)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76500BHT (b)	21	6.0 (0.24)	146.0 (5.75)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76500N (b)	21,21S	6.0 (0.24)	146.0 (5.75)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76540B (b)	21,21S	6.0 (0.24)	159.0 (6.26)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76540BHS (b)	21	6.0 (0.24)	159.0 (6.26)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76540BHT (b)	21	6.0 (0.24)	159.0 (6.26)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76540N (b)	21,21S	6.0 (0.24)	159.0 (6.26)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-

76550B (b)	21,21S	6.0 (0.24)	162.5 (6.40)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76550BHS (b)	21	6.0 (0.24)	162.5 (6.40)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76550BHT (b)	21	6.0 (0.24)	162.5 (6.40)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
76550N (b)	21,21S	6.0 (0.24)	162.5 (6.40)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76610B (b)	21,21S	6.0 (0.24)	220.0 (8.66)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76610N (b)	21,21S	6.0 (0.24)	220.0 (8.66)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
76750B (b)	21,21S	6.0 (0.24)	226.0 (8.90)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
76750N (b)	21,21S	6.0 (0.24)	226.0 (8.90)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
90102B (b)	21	9.0 (0.35)	295.0 (11.61)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90102N (b)	21	9.0 (0.35)	295.0 (11.61)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90116B (b)	21	9.0 (0.35)	340.0 (13.39)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90116N (b)	21	9.0 (0.35)	340.0 (13.39)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90122B (b)	21	9.0 (0.35)	375.5 (14.78)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90122BHS (b)	21	79.0 (3.11)	375.5 (14.78)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90122N (b)	21	9.0 (0.35)	375.5 (14.78)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90153B (b)	21	9.0 (0.35)	450.0 (17.72)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90153N (b)	21	9.0 (0.35)	450.0 (17.72)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90400B (b)	21	9.0 (0.35)	115.0 (4.53)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90400BHS (b)	21	9.0 (0.35)	115.0 (4.53)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90400N (b)	21	9.0 (0.35)	115.0 (4.53)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90430B (b)	21	9.0 (0.35)	130.5 (5.14)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

90430BHS (b)	21	9.0 (0.35)	130.5 (5.14)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90430N (b)	21	9.0 (0.35)	130.5 (5.14)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90500B (b)	21	9.0 (0.35)	146.5 (5.77)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90500BHS (b)	21	9.0 (0.35)	146.5 (5.77)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90500N (b)	21	9.0 (0.35)	146.5 (5.77)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90530B (b)	21	9.0 (0.35)	163.5 (6.44)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90530BHS (b)	21	9.0 (0.35)	163.5 (6.44)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90530N (b)	21	9.0 (0.35)	163.5 (6.44)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90560B (b)	21	9.0 (0.35)	165.5 (6.52)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90560BHS (b)	21	9.0 (0.35)	165.5 (6.52)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90560N (b)	21	9.0 (0.35)	165.5 (6.52)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90610B (b)	21	9.0 (0.35)	181.5 (7.15)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90610BHS (b)	21	9.0 (0.35)	181.5 (7.15)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90610N (b)	21	9.0 (0.35)	181.5 (7.15)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90710B (b)	21	9.0 (0.35)	195.0 (7.68)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90710N (b)	21	9.0 (0.35)	195.0 (7.68)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90750B (b)	21	9.0 (0.35)	205.0 (8.07)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90750N (b)	21	9.0 (0.35)	205.0 (8.07)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90760B (b)	21	9.0 (0.35)	229.5 (9.04)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90760BHS (b)	21	9.0 (0.35)	229.5 (9.04)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90760N (b)	21	9.0 (0.35)	229.5 (9.04)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-

90780B (b)	21	9.0 (0.35)	235.5 (9.27)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90780BHS (b)	21	9.0 (0.35)	235.5 (9.27)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90780N (b)	21	9.0 (0.35)	235.5 (9.27)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90810B (b)	21	9.0 (0.35)	245.0 (9.65)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90810BHS (b)	21	9.0 (0.35)	245.0 (9.65)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90810N (b)	21	9.0 (0.35)	245.0 (9.65)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
90920B (b)	21	9.0 (0.35)	280.0 (11.02)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
90920BHS (b)	21	9.0 (0.35)	280.0 (11.02)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
90920N (b)	21	9.0 (0.35)	280.0 (11.02)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
B0824 (a)	21	3.0 (0.12)	14.0 (0.55)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B0824HS (a)	21	3.0 (0.12)	14.0 (0.55)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B0824HT (a)	21	3.0 (0.12)	14.0 (0.55)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1012 (a)	21	9.0 (0.35)	315.0 (12.40)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1012HS (a)	21	9.0 (0.35)	315.0 (12.40)	1200 (270)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1012HT (a)	21	9.0 (0.35)	315.0 (12.40)	1200 (270)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1025 (a)	21	3.0 (0.12)	20.5 (0.81)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1025HS (a)	21	3.0 (0.12)	20.5 (0.81)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1025HT (a)	21	3.0 (0.12)	20.5 (0.81)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1090 (a)	21	9.0 (0.35)	295.0 (11.61)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1190 (a)	21	9.0 (0.35)	340.0 (13.39)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1225 (a)	21	3.0 (0.12)	27.0 (1.06)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

B1225HS (a)	21	3.0 (0.12)	27.0 (1.06)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1225HT (a)	21	3.0 (0.12)	27.0 (1.06)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1248 (a)	21,215	3.0 (0.12)	23.8 (0.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B1248HS (a)	21	3.0 (0.12)	23.8 (0.94)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B1248HT (a)	21	3.0 (0.12)	23.8 (0.94)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1290 (a)	21	9.0 (0.35)	375.5 (14.78)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1290HS (a)	21	79.0 (3.11)	375.5 (14.78)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1312 (a)	21	9.0 (0.35)	323.0 (12.72)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1312HS (a)	21	9.0 (0.35)	323.0 (12.72)	1200 (270)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1312HT (a)	21	9.0 (0.35)	323.0 (12.72)	1200 (270)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1325 (a)	21	3.0 (0.12)	30.0 (1.18)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1325HS (a)	21	3.0 (0.12)	30.0 (1.18)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1325HT (a)	21	3.0 (0.12)	30.0 (1.18)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1436 (a)	21	3.0 (0.12)	33.0 (1.30)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1436HS (a)	21	3.0 (0.12)	33.0 (1.30)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1436HT (a)	21	3.0 (0.12)	33.0 (1.30)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1525 (a)	21	3.0 (0.12)	36.5 (1.44)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1525HS (a)	21	3.0 (0.12)	36.5 (1.44)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1525HT (a)	21	3.0 (0.12)	36.5 (1.44)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1536 (a)	21	3.0 (0.12)	36.0 (1.42)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1536HS (a)	21	3.0 (0.12)	36.0 (1.42)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-

B1536HT (a)	21	3.0 (0.12)	36.0 (1.42)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1576 (a)	21,21S	6.0 (0.24)	23.8 (0.94)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B1576HS (a)	21	6.0 (0.24)	23.8 (0.94)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1576HT (a)	21	6.0 (0.24)	23.8 (0.94)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1590 (a)	21	9.0 (0.35)	450.0 (17.72)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1625 (a)	21	3.0 (0.12)	39.8 (1.57)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1625HS (a)	21	3.0 (0.12)	39.8 (1.57)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1625HT (a)	21	3.0 (0.12)	39.8 (1.57)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1648 (a)	21,21S	3.0 (0.12)	36.6 (1.44)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B1648HS (a)	21	3.0 (0.12)	36.6 (1.44)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B1648HT (a)	21	3.0 (0.12)	36.6 (1.44)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1836 (a)	21	3.0 (0.12)	46.0 (1.81)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B1836HS (a)	21	3.0 (0.12)	46.0 (1.81)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B1836HT (a)	21	3.0 (0.12)	46.0 (1.81)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1848 (a)	21,21S	3.0 (0.12)	43.0 (1.69)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B1848HS (a)	21	3.0 (0.12)	43.0 (1.69)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B1848HT (a)	21	3.0 (0.12)	43.0 (1.69)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B1948 (a)	21,21S	3.0 (0.12)	46.0 (1.81)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B1948HS (a)	21	3.0 (0.12)	46.0 (1.81)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B1948HT (a)	21	3.0 (0.12)	46.0 (1.81)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2025 (a)	21	3.0 (0.12)	52.5 (2.07)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

B2025HS (a)	21	3.0 (0.12)	52.5 (2.07)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2025HT (a)	21	3.0 (0.12)	52.5 (2.07)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2036 (a)	21	3.0 (0.12)	52.5 (2.07)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B2036HS (a)	21	3.0 (0.12)	52.5 (2.07)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2036HT (a)	21	3.0 (0.12)	52.5 (2.07)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2048 (a)	21,21S	3.0 (0.12)	49.5 (1.95)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B2048HS (a)	21	3.0 (0.12)	49.5 (1.95)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B2048HT (a)	21	3.0 (0.12)	49.5 (1.95)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2076 (a)	21,21S	6.0 (0.24)	50.9 (2.00)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B2076HS (a)	21	6.0 (0.24)	50.9 (2.00)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2076HT (a)	21	6.0 (0.24)	50.9 (2.00)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2276 (a)	21,21S	6.0 (0.24)	56.0 (2.20)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B2276HS (a)	21	6.0 (0.24)	56.0 (2.20)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2276HT (a)	21	6.0 (0.24)	56.0 (2.20)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2412 (a)	21	9.0 (0.35)	57.0 (2.24)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B2536 (a)	21	3.0 (0.12)	68.0 (2.68)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B2536HS (a)	21	3.0 (0.12)	68.0 (2.68)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2536HT (a)	21	3.0 (0.12)	68.0 (2.68)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2548 (a)	21,21S	3.0 (0.12)	65.0 (2.56)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B2548HS (a)	21	3.0 (0.12)	65.0 (2.56)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B2548HT (a)	21	3.0 (0.12)	65.0 (2.56)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-

B2576 (a)	21,21S	6.0 (0.24)	66.8 (2.63)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B2576HS (a)	21	6.0 (0.24)	66.8 (2.63)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2576HT (a)	21	6.0 (0.24)	66.8 (2.63)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2625 (a)	21	3.0 (0.12)	73.0 (2.87)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B2836 (a)	21	3.0 (0.12)	78.0 (3.07)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B2836HS (a)	21	3.0 (0.12)	78.0 (3.07)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2836HT (a)	21	3.0 (0.12)	78.0 (3.07)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2848 (a)	21,21S	3.0 (0.12)	74.8 (2.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B2848HS (a)	21	3.0 (0.12)	74.8 (2.94)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B2848HT (a)	21	3.0 (0.12)	74.8 (2.94)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2876 (a)	21,21S	6.0 (0.24)	76.4 (3.01)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B2876HS (a)	21	6.0 (0.24)	76.4 (3.01)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2876HT (a)	21	6.0 (0.24)	76.4 (3.01)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2912 (a)	21	9.0 (0.35)	76.0 (2.99)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B2936 (a)	21	3.0 (0.12)	106.0 (4.17)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B2936HS (a)	21	3.0 (0.12)	106.0 (4.17)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2936HT (a)	21	3.0 (0.12)	106.0 (4.17)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2948 (a)	21,21S	3.0 (0.12)	78.0 (3.07)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B2948HS (a)	21	3.0 (0.12)	78.0 (3.07)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B2948HT (a)	21	3.0 (0.12)	78.0 (3.07)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B2976 (a)	21,21S	6.0 (0.24)	82.8 (3.26)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-

B2976HS (a)	21	6.0 (0.24)	82.8 (3.26)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B2976HT (a)	21	6.0 (0.24)	82.8 (3.26)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3048 (a)	21,21S	3.0 (0.12)	81.0 (3.19)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3048HS (a)	21	3.0 (0.12)	81.0 (3.19)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B3048HT (a)	21	3.0 (0.12)	81.0 (3.19)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3148 (a)	21,21S	3.0 (0.12)	84.0 (3.31)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3148HS (a)	21	3.0 (0.12)	84.0 (3.31)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B3148HT (a)	21	3.0 (0.12)	84.0 (3.31)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3548 (a)	21,21S	3.0 (0.12)	97.0 (3.82)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3548HS (a)	21	3.0 (0.12)	97.0 (3.82)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B3548HT (a)	21	3.0 (0.12)	97.0 (3.82)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3576 (a)	21,21S	6.0 (0.24)	98.5 (3.88)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3576HS (a)	21	6.0 (0.24)	98.5 (3.88)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B3576HT (a)	21	6.0 (0.24)	98.5 (3.88)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3648 (a)	21,21S	3.0 (0.12)	100.0 (3.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3648HS (a)	21	3.0 (0.12)	100.0 (3.94)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B3648HT (a)	21	3.0 (0.12)	100.0 (3.94)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3736 (a)	21	3.0 (0.12)	105.0 (4.13)	180 (40)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B3736HS (a)	21	3.0 (0.12)	105.0 (4.13)	180 (40)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B3736HT (a)	21	3.0 (0.12)	105.0 (4.13)	180 (40)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3748 (a)	21,21S	3.0 (0.12)	103.5 (4.07)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-

B3748HS (a)	21	3.0 (0.12)	103.5 (4.07)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B3748HT (a)	21	3.0 (0.12)	103.5 (4.07)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3776 (a)	21,21S	6.0 (0.24)	103.5 (4.07)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3776HS (a)	21	6.0 (0.24)	103.5 (4.07)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B3776HT (a)	21	6.0 (0.24)	103.5 (4.07)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3812 (a)	21	9.0 (0.35)	103.5 (4.07)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B3825 (a)	21	3.0 (0.12)	110.0 (4.33)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B3848 (a)	21,21S	3.0 (0.12)	106.7 (4.20)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3848HS (a)	21	3.0 (0.12)	106.7 (4.20)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B3848HT (a)	21	3.0 (0.12)	106.7 (4.20)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3876 (a)	21,21S	6.0 (0.24)	108.0 (4.25)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3876HS (a)	21	6.0 (0.24)	108.0 (4.25)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B3876HT (a)	21	6.0 (0.24)	108.0 (4.25)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B3948 (a)	21,21S	3.0 (0.12)	110.0 (4.33)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B3948HS (a)	21	3.0 (0.12)	110.0 (4.33)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B3948HT (a)	21	3.0 (0.12)	110.0 (4.33)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B4076 (a)	21,21S	6.0 (0.24)	114.5 (4.51)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B4076HS (a)	21	6.0 (0.24)	114.5 (4.51)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B4076HT (a)	21	6.0 (0.24)	114.5 (4.51)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B4090 (a)	21	9.0 (0.35)	115.0 (4.53)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B4090HS (a)	21	9.0 (0.35)	115.0 (4.53)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-

B4348 (a)	21,21S	3.0 (0.12)	122.5 (4.82)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B4348HS (a)	21	3.0 (0.12)	122.5 (4.82)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B4348HT (a)	21	3.0 (0.12)	122.5 (4.82)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B4390 (a)	21	9.0 (0.35)	130.5 (5.14)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B4390HS (a)	21	9.0 (0.35)	130.5 (5.14)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B4548 (a)	21,21S	3.0 (0.12)	129.0 (5.08)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B4548HS (a)	21	3.0 (0.12)	129.0 (5.08)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B4548HT (a)	21	3.0 (0.12)	129.0 (5.08)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B4576 (a)	21,21S	6.0 (0.24)	130.5 (5.14)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B4576HS (a)	21	6.0 (0.24)	130.5 (5.14)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B4576HT (a)	21	6.0 (0.24)	130.5 (5.14)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B4912 (a)	21	9.0 (0.35)	136.5 (5.37)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B5048 (a)	21,21S	3.0 (0.12)	145.0 (5.71)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B5048HS (a)	21	3.0 (0.12)	145.0 (5.71)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	AH-2	V-2	-
B5048HT (a)	21	3.0 (0.12)	145.0 (5.71)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B5076 (a)	21,21S	6.0 (0.24)	146.0 (5.75)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B5076HS (a)	21	6.0 (0.24)	146.0 (5.75)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B5076HT (a)	21	6.0 (0.24)	146.0 (5.75)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B5090 (a)	21	9.0 (0.35)	146.5 (5.77)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B5090HS (a)	21	9.0 (0.35)	146.5 (5.77)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B5312 (a)	21	9.0 (0.35)	156.0 (6.14)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

B5312HS (a)	21	9.0 (0.35)	156.0 (6.14)	1200 (270)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B5312HT (a)	21	9.0 (0.35)	156.0 (6.14)	1200 (270)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B5348 (a)	21,21S	3.0 (0.12)	160.0 (6.30)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B5390 (a)	21	9.0 (0.35)	163.5 (6.44)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B5390HS (a)	21	9.0 (0.35)	163.5 (6.44)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B5476 (a)	21,21S	6.0 (0.24)	159.0 (6.26)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B5476HS (a)	21	6.0 (0.24)	159.0 (6.26)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B5476HT (a)	21	6.0 (0.24)	159.0 (6.26)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B5576 (a)	21,21S	6.0 (0.24)	162.5 (6.40)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B5576HS (a)	21	6.0 (0.24)	162.5 (6.40)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B5576HT (a)	21	6.0 (0.24)	162.5 (6.40)	550 (124)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
B5690 (a)	21	9.0 (0.35)	165.5 (6.52)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B5690HS (a)	21	9.0 (0.35)	165.5 (6.52)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B5812 (a)	21	9.0 (0.35)	168.0 (6.61)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B6148 (a)	21,21S	3.0 (0.12)	179.9 (7.08)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B6176 (a)	21,21S	6.0 (0.24)	220.0 (8.66)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B6190 (a)	21	9.0 (0.35)	181.5 (7.15)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B6190HS (a)	21	9.0 (0.35)	181.5 (7.15)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B6512 (a)	21	9.0 (0.35)	195.0 (7.68)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B6512HS (a)	21	9.0 (0.35)	195.0 (7.68)	1200 (270)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B6512HT (a)	21	9.0 (0.35)	195.0 (7.68)	1200 (270)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-

B7190 (a)	21	9.0 (0.35)	195.0 (7.68)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B7412 (a)	21	9.0 (0.35)	216.0 (8.50)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B7448 (a)	21,21S	3.0 (0.12)	220.0 (8.66)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B7576 (a)	21,21S	6.0 (0.24)	226.0 (8.90)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B7590 (a)	21	9.0 (0.35)	205.0 (8.07)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B7690 (a)	21	9.0 (0.35)	229.5 (9.04)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B7690HS (a)	21	9.0 (0.35)	229.5 (9.04)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B7890 (a)	21	9.0 (0.35)	235.5 (9.27)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B7890HS (a)	21	9.0 (0.35)	235.5 (9.27)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B8190 (a)	21	9.0 (0.35)	245.0 (9.65)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B8190HS (a)	21	9.0 (0.35)	245.0 (9.65)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
B8912 (a)	21	9.0 (0.35)	263.0 (10.35)	1200 (270)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B9248 (a)	21,21S	3.0 (0.12)	278.0 (10.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
B9290 (a)	21	9.0 (0.35)	280.0 (11.02)	800 (180)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
B9290HS (a)	21	9.0 (0.35)	280.0 (11.02)	800 (180)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BA1648 (a)	21	4.0 (0.16)	41.9 (1.65)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BA2048 (a)	21	4.0 (0.16)	54.8 (2.16)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BA2048HS (a)	21	4.0 (0.16)	54.8 (2.16)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BA2048HT (a)	21	4.0 (0.16)	54.8 (2.16)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
BA3048 (a)	21	4.0 (0.16)	88.1 (3.47)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BA3048HS (a)	21	4.0 (0.16)	88.1 (3.47)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-

BA3048HT (a)	21	4.0 (0.16)	88.1 (3.47)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
BA3748 (a)	21	4.0 (0.16)	111.0 (4.37)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BA3748HS (a)	21	4.0 (0.16)	111.0 (4.37)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BA3748HT (a)	21	4.0 (0.16)	111.0 (4.37)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
BR1576	21	10.0 (0.39)	40.3 (1.59)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BR1576HS	21	10.0 (0.39)	40.3 (1.59)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BR1576HT	21	10.0 (0.39)	40.3 (1.59)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
BR2076	21	10.0 (0.39)	55.6 (2.19)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BR2076HS	21	10.0 (0.39)	55.6 (2.19)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BR2076HT	21	10.0 (0.39)	55.6 (2.19)	220 (49)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
BR2576	21	10.0 (0.39)	71.8 (2.83)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BR3076	21	10.0 (0.39)	88.1 (3.47)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BR3776	21	3.0 (0.12)	109.9 (4.33)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BT21025 (a)	21	5.5 (0.22)	22.0 (0.87)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BT21025HS (a)	21	5.5 (0.22)	22.0 (0.87)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BT21025HT (a)	21	5.5 (0.22)	22.0 (0.87)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
BT22048 (a)	21	12.5 (0.49)	50.9 (2.00)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BT22048 (a)	21	12.5 (0.49)	50.9 (2.00)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BT22048HS (a)	21	12.5 (0.49)	50.9 (2.00)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BT22048HT (a)	21	12.5 (0.49)	50.9 (2.00)	80 (18)	-40 (-40)	130 (266)	-10 (14)	-	-	V-2	-
BU2048 (a)	21	3.0 (0.12)	50.0 (1.97)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-

BU2848 (a)	21	3.0 (0.12)	70.0 (2.76)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
BU3648 (a)	21	3.0 (0.12)	102.0 (4.02)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
BW2048 (a)	21	3.0 (0.12)	50.0 (1.97)	356 (80)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BW2848 (a)	21	3.0 (0.12)	77.0 (3.03)	356 (80)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BW3648 (a)	21	3.0 (0.12)	102.0 (4.02)	356 (80)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BW4348 (a)	21	3.0 (0.12)	124.0 (4.88)	356 (80)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BY2048 (a)	21	3.0 (0.12)	49.5 (1.95)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	HB	-
BY2848 (a)	21	3.0 (0.12)	74.8 (2.94)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	HB	-
BY3648 (a)	21	3.0 (0.12)	100.0 (3.94)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	HB	-
N0824 (a)	21	3.0 (0.12)	14.0 (0.55)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1012 (a)	21	9.0 (0.35)	315.0 (12.40)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N1025 (a)	21	3.0 (0.12)	20.5 (0.81)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1090 (a)	21	9.0 (0.35)	295.0 (11.61)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1190 (a)	21	9.0 (0.35)	340.0 (13.39)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1225 (a)	21	3.0 (0.12)	27.0 (1.06)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1248 (a)	21,21S	3.0 (0.12)	23.8 (0.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N1290 (a)	21	9.0 (0.35)	375.5 (14.78)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1312 (a)	21	9.0 (0.35)	323.0 (12.72)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N1325 (a)	21	3.0 (0.12)	30.0 (1.18)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1436 (a)	21	3.0 (0.12)	33.0 (1.30)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1525 (a)	21	3.0 (0.12)	36.5 (1.44)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-

N1536 (a)	21	3.0 (0.12)	36.0 (1.42)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1576 (a)	21,21S	6.0 (0.24)	23.8 (0.94)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N1590 (a)	21	9.0 (0.35)	450.0 (17.72)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1625 (a)	21	3.0 (0.12)	39.8 (1.57)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1648 (a)	21,21S	3.0 (0.12)	36.6 (1.44)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N1836 (a)	21	3.0 (0.12)	46.0 (1.81)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N1848 (a)	21,21S	3.0 (0.12)	43.0 (1.69)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N1948 (a)	21,21S	3.0 (0.12)	46.0 (1.81)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N2025 (a)	21	3.0 (0.12)	52.5 (2.07)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N2036 (a)	21	3.0 (0.12)	52.5 (2.07)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N2048 (a)	21,21S	3.0 (0.12)	49.5 (1.95)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N2076 (a)	21,21S	6.0 (0.24)	50.9 (2.00)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N2276 (a)	21,21S	6.0 (0.24)	56.0 (2.20)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N2412 (a)	21	9.0 (0.35)	57.0 (2.24)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N2536 (a)	21	3.0 (0.12)	68.0 (2.68)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N2548 (a)	21,21S	3.0 (0.12)	65.0 (2.56)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N2576 (a)	21,21S	6.0 (0.24)	66.8 (2.63)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N2625 (a)	21	3.0 (0.12)	73.0 (2.87)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N2836 (a)	21	3.0 (0.12)	78.0 (3.07)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N2848 (a)	21,21S	3.0 (0.12)	74.8 (2.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N2876 (a)	21,21S	6.0 (0.24)	76.4 (3.01)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-

N2912 (a)	21	9.0 (0.35)	76.0 (2.99)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N2936 (a)	21	3.0 (0.12)	106.0 (4.17)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N2948 (a)	21,21S	3.0 (0.12)	78.0 (3.07)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N2976 (a)	21,21S	6.0 (0.24)	82.8 (3.26)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3048 (a)	21,21S	3.0 (0.12)	81.0 (3.19)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3148 (a)	21,21S	3.0 (0.12)	84.0 (3.31)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3548 (a)	21,21S	3.0 (0.12)	97.0 (3.82)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3576 (a)	21,21S	6.0 (0.24)	98.5 (3.88)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3648 (a)	21,21S	3.0 (0.12)	100.0 (3.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3736 (a)	21	3.0 (0.12)	105.0 (4.13)	180 (40)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N3748 (a)	21,21S	3.0 (0.12)	103.5 (4.07)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3776 (a)	21,21S	6.0 (0.24)	103.5 (4.07)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3812 (a)	21	9.0 (0.35)	103.5 (4.07)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N3825 (a)	21	3.0 (0.12)	110.0 (4.33)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N3848 (a)	21,21S	3.0 (0.12)	106.7 (4.20)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3876 (a)	21,21S	6.0 (0.24)	108.0 (4.25)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N3948 (a)	21,21S	3.0 (0.12)	110.0 (4.33)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N4076 (a)	21,21S	6.0 (0.24)	114.5 (4.51)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N4090 (a)	21	9.0 (0.35)	115.0 (4.53)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N4348 (a)	21,21S	3.0 (0.12)	122.5 (4.82)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N4390 (a)	21	9.0 (0.35)	130.5 (5.14)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-

N4548 (a)	21,21S	3.0 (0.12)	129.0 (5.08)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N4576 (a)	21,21S	6.0 (0.24)	130.5 (5.14)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N4912 (a)	21	9.0 (0.35)	136.5 (5.37)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N5048 (a)	21,21S	3.0 (0.12)	145.0 (5.71)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N5076 (a)	21,21S	6.0 (0.24)	146.0 (5.75)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N5090 (a)	21	9.0 (0.35)	146.5 (5.77)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N5312 (a)	21	9.0 (0.35)	156.0 (6.14)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N5348 (a)	21,21S	3.0 (0.12)	160.0 (6.30)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N5390 (a)	21	9.0 (0.35)	163.5 (6.44)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N5476 (a)	21,21S	6.0 (0.24)	159.0 (6.26)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N5576 (a)	21,21S	6.0 (0.24)	162.5 (6.40)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N5690 (a)	21	9.0 (0.35)	165.5 (6.52)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N5812 (a)	21	9.0 (0.35)	168.0 (6.61)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N6148 (a)	21,21S	3.0 (0.12)	179.9 (7.08)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N6176 (a)	21,21S	6.0 (0.24)	220.0 (8.66)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N6190 (a)	21	9.0 (0.35)	181.5 (7.15)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N6512 (a)	21	9.0 (0.35)	195.0 (7.68)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N7190 (a)	21	9.0 (0.35)	195.0 (7.68)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N7412 (a)	21	9.0 (0.35)	216.0 (8.50)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N7448 (a)	21,21S	3.0 (0.12)	220.0 (8.66)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N7576 (a)	21,21S	6.0 (0.24)	226.0 (8.90)	550 (124)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-

N7590 (a)	21	9.0 (0.35)	205.0 (8.07)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N7690 (a)	21	9.0 (0.35)	229.5 (9.04)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N7890 (a)	21	9.0 (0.35)	235.5 (9.27)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N8190 (a)	21	9.0 (0.35)	245.0 (9.65)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
N8912 (a)	21	9.0 (0.35)	263.0 (10.35)	1100 (247)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
N9248 (a)	21,21S	3.0 (0.12)	278.0 (10.94)	220 (49)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
N9290 (a)	21	9.0 (0.35)	280.0 (11.02)	800 (180)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NA1648 (a)	21	4.0 (0.16)	41.9 (1.65)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NA2048 (a)	21	4.0 (0.16)	54.8 (2.16)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NA3048 (a)	21	4.0 (0.16)	88.1 (3.47)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NA3648 (a)	21	3.0 (0.12)	102.0 (4.02)	356 (80)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NA3748 (a)	21	4.0 (0.16)	111.0 (4.37)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NR1576	21	10.0 (0.39)	40.3 (1.59)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NR2076	21	10.0 (0.39)	55.6 (2.19)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NR2576	21	10.0 (0.39)	71.8 (2.83)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NR3076	21	10.0 (0.39)	88.1 (3.47)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NR3776	21	3.0 (0.12)	109.9 (4.33)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NT21025 (a)	21	5.5 (0.22)	22.0 (0.87)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NT22048 (a)	21	12.5 (0.49)	50.9 (2.00)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NU2048 (a)	21,21S	3.0 (0.12)	50.0 (1.97)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
NU2848 (a)	21,21S	3.0 (0.12)	70.0 (2.76)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-

NU3648 (a)	21,21S	3.0 (0.12)	102.0 (4.02)	334 (75)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	V-2	-
NW2048 (a)	21	3.0 (0.12)	50.0 (1.97)	356 (80)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NW2848 (a)	21	3.0 (0.12)	77.0 (3.03)	356 (80)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NW4348 (a)	21	3.0 (0.12)	124.0 (4.88)	356 (80)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NY2048 (a)	21,21S	3.0 (0.12)	49.5 (1.95)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	HB	-
NY2848 (a)	21,21S	3.0 (0.12)	74.8 (2.94)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	HB	-
NY3648 (a)	21,21S	3.0 (0.12)	100.0 (3.94)	230 (52)	-40 (-40)	85 (185)	-20 (-4)	Yes	AH-2	HB	-

Nonmetallic Cable Ties - Nylon Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Bundle Diam., mm(in.)		Loop Tensile Str., N(lbf)	Operating Temp., °C(°F)		Min. Install. Temp., °C(°F)	Resistant to UV Light	Material Plenum Rating	Material Flame Rating	Also Classified to [^] IEC 62275 and EN 62275
		Min	Max		Min	Max					
		N7576, B7576	21		7 (0.28)	218 (8.58)					
R2076	21	7 (0.28)	50 (1.97)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-
R3076	21	7 (0.28)	80 (3.15)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	AH-2	V-2	-

Nonmetallic Cable Ties with Push Mount or Screw Mount Integral Fixing Devices Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Bundle Diam., mm (in.)		Loop Tensile Str., N (lbf)	Mechanical Str., N(lbf)	Operating Temp., °C(°F)		Min. Install. Temp., °C(°F)	Resistant to UV Light	Material Plenum Rating	Material Flame Rating	Also Classified to [^] IEC 62275 and EN 62275
		Min	Max			Min	Max					
		25100BP (b)	21			3.0 (0.12)	21.5 (0.85)					
25100BPHS (b)	21	3.0 (0.12)	21.5 (0.85)	80 (18)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
25100BPHT (b)	21	-	-	-	80 (18)	-40 (-40)	130 (266)	-	-	-	V-2	-

25100NP (b)	21	3.0 (0.12)	21.5 (0.85)	80 (18)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
36150BH (b)	21	3.0 (0.12)	35.5 (1.40)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
36150NH (b)	21	3.0 (0.12)	35.5 (1.40)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48100BP (b)	21	3.5 (0.14)	21.6 (0.85)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48130BP (b)	21	3.5 (0.14)	30.7 (1.21)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48160BH (b)	21	3.0 (0.12)	36.8 (1.45)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48160NH (b)	21	3.0 (0.12)	36.8 (1.45)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48200BH (b)	21	3.0 (0.12)	49.8 (1.96)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48200BHHS (b)	21	3.0 (0.12)	49.8 (1.96)	220 (49)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
48200BHHT (b)	21	-	-	-	220 (49)	-40 (-40)	130 (266)	-	-	-	V-2	-
48200BP (b)	21	3.5 (0.14)	50.0 (1.97)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48200BPHS (b)	21	-	-	-	220 (49)	-40 (-40)	115 (239)	-	-	-	V-2	-
48200BPHT (b)	21	-	-	-	220 (49)	-40 (-40)	130 (266)	-	-	-	V-2	-
48200NH (b)	21	3.0 (0.12)	49.8 (1.96)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48300BH (b)	21	3.0 (0.12)	82.8 (3.26)	-	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48300NH (b)	21	3.0 (0.12)	82.8 (3.26)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
48370BH (b)	21	3.0 (0.12)	103.8 (4.09)	-	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
48370NH (b)	21	3.0 (0.12)	103.8 (4.09)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
76300BH (b)	21	8.0 (0.31)	78.7 (3.10)	245 (55)	550 (124)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
76300NH (b)	21	8.0 (0.31)	78.7 (3.10)	245 (55)	245 (55)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
76400BH (b)	21	8.0 (0.31)	109.2 (4.30)	245 (55)	550 (124)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-

76400BHHS (b)	21	8.0 (0.31)	109.2 (4.30)	245 (55)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
76400BHHT (b)	21	-	-	-	245 (55)	-40 (-40)	130 (266)	-	-	-	V-2	-
76400NH (b)	21	8.0 (0.31)	109.2 (4.30)	245 (55)	245 (55)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
BH1536 (a)	21	3.0 (0.12)	35.5 (1.40)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BH1648 (a)	21	3.0 (0.12)	36.8 (1.45)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BH2048 (a)	21	3.0 (0.12)	49.8 (1.96)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BH2048HS (a)	21	3.0 (0.12)	49.8 (1.96)	220 (49)	220 (49)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BH2048HT (a)	21	-	-	-	220 (49)	-40 (-40)	130 (266)	-	-	-	V-2	-
BH3048 (a)	21	3.0 (0.12)	82.8 (3.26)	-	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BH3076 (a)	21	8.0 (0.31)	78.7 (3.10)	245 (55)	550 (124)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BH3748 (a)	21	3.0 (0.12)	103.8 (4.09)	-	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BH4076 (a)	21	8.0 (0.31)	109.2 (4.30)	245 (55)	550 (124)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BH4076HS (a)	21	8.0 (0.31)	109.2 (4.30)	245 (55)	550 (124)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BH4076HT (a)	21	-	-	-	245 (55)	-40 (-40)	130 (266)	-	-	-	V-2	-
BP1025 (a)	21	3.0 (0.12)	21.5 (0.85)	80 (18)	80 (18)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BP1025HS (a)	21	3.0 (0.12)	21.5 (0.85)	80 (18)	80 (18)	-40 (-40)	115 (239)	-10 (14)	-	-	V-2	-
BP1025HT (a)	21	-	-	-	80 (18)	-40 (-40)	130 (266)	-	-	-	V-2	-
BP1048 (a)	21	3.5 (0.14)	21.6 (0.85)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BP1348 (a)	21	3.5 (0.14)	30.7 (1.21)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BP2048 (a)	21	3.5 (0.14)	50.0 (1.97)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	-	AH-2	V-2	-
BP2048HS (a)	21	-	-	-	220 (49)	-40 (-40)	115 (239)	-	-	-	V-2	-

BP2048HT (a)	21	-	-	-	220 (49)	-40 (-40)	130 (266)	-	-	-	V-2	-
NH1536 (a)	21	3.0 (0.12)	35.5 (1.40)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NH1648 (a)	21	3.0 (0.12)	36.8 (1.45)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NH2048 (a)	21	3.0 (0.12)	49.8 (1.96)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NH3048 (a)	21	3.0 (0.12)	82.8 (3.26)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NH3076 (a)	21	8.0 (0.31)	78.7 (3.10)	245 (55)	245 (55)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NH3748 (a)	21	3.0 (0.12)	103.8 (4.09)	220 (49)	220 (49)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NH4076 (a)	21	8.0 (0.31)	109.2 (4.30)	245 (55)	245 (55)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-
NP1025 (a)	21	3.0 (0.12)	21.5 (0.85)	80 (18)	80 (18)	-40 (-40)	85 (185)	-10 (14)	Yes	AH-2	V-2	-

Uncoated Metallic Cable Ties - Stainless Steel, Parallel Entry, Roller Ball Type Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Bundle Diam., mm(in.)		Loop Tensile Str., N(lbf)	Operating Temp., °C(°F)		Resistant to UV Light	Plenum Rating	Also Classified to [^] IEC 62275 and EN 62275
		Min	Max		Min	Max			
		S1079	2		12.7 (0.50)	312 (12.28)			
S1345	2	12.7 (0.50)	33 (1.30)	445 (100)	-60 (-76)	300 (572)	Yes	AH-1	-
S2045	2	12.7 (0.50)	50 (1.97)	445 (100)	-60 (-76)	300 (572)	Yes	AH-1	-
S2079	2	12.7 (0.50)	50 (1.97)	1112 (250)	-60 (-76)	300 (572)	Yes	AH-1	-
S3045	2	12.7 (0.50)	76 (2.99)	445 (100)	-60 (-76)	300 (572)	Yes	AH-1	-
S3079	2	12.7 (0.50)	76 (2.99)	1112 (250)	-60 (-76)	300 (572)	Yes	AH-1	-
S3745	2	12.7 (0.50)	102 (4.02)	445 (100)	-60 (-76)	300 (572)	Yes	AH-1	-
S3779	2	12.7 (0.50)	102 (4.02)	1112 (250)	-60 (-76)	300 (572)	Yes	AH-1	-
S5079	2	12.7 (0.50)	150 (5.91)	1112 (250)	-60 (-76)	300 (572)	Yes	AH-1	-

S5245	2	12.7 (0.50)	156 (6.14)	445 (100)	-60 (-76)	300 (572)	Yes	AH-1	-
S6845	2	12.7 (0.50)	207 (8.15)	445 (100)	-60 (-76)	300 (572)	Yes	AH-1	-
S6879	2	12.7 (0.50)	207 (8.15)	1112 (250)	-60 (-76)	300 (572)	Yes	AH-1	-
S8445	2	12.7 (0.50)	257 (10.12)	445 (100)	-60 (-76)	300 (572)	Yes	AH-1	-
S8479	2	12.7 (0.50)	257 (10.12)	1112 (250)	-60 (-76)	300 (572)	Yes	AH-1	-

(a) - May be prefixed by BM, GD, 11GD, BR, or 11BR. May have a letter as suffix for package quantity.

(b) - May be prefixed by ETQ.

(c) - Where "x" can be any number.

Last Updated on 2020-01-13

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ZODZ2.E223175 - Positioning Devices - Component

Positioning Devices - Component

See General Information for Positioning Devices - Component

BM SPAVIA MILANO 54/56
20089 ROZZANO, MI ITALY

E223175

Nonmetallic Cable Ties Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Bundle Diam., mm(in.)		Loop Tensile Str., N(lbf)	Operating Temp., °C(°F)		Min. Install. Temp., °C(°F)	Resistant to UV Light	Flame Rating	Complies with IEC 62275
		Min	Max		Min	Max				
B0824	11	1.5 (0.06)	15 (0.59)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B0824M	11	1.5 (0.06)	15 (0.59)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1025	11	1.5 (0.06)	22 (0.87)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1025M	11	1.5 (0.06)	22 (0.87)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1090	11	7 (0.28)	295 (11.61)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1225	11	1.5 (0.06)	30 (1.18)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1225M	11	1.5 (0.06)	30 (1.18)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1248	11	3 (0.12)	24 (0.94)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1290	1,11	7 (0.28)	365 (14.37)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1436	1,11	2 (0.08)	33 (1.30)	178 (40)	-40 (-40)	85 (185)	0 (32)	-	V-2	-
B1436M	1,11	2 (0.08)	33 (1.30)	178 (40)	-40 (-40)	85 (185)	0 (32)	-	V-2	-
B1576	11	7 (0.28)	33 (1.30)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1590	11	190 (7.48)	460 (18.11)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-

B1625	1,11	1.5 (0.06)	40 (1.57)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1625M	1,11	1.5 (0.06)	40 (1.57)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1648	11	3 (0.12)	38 (1.50)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1648M	11	3 (0.12)	38 (1.50)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1948	11	3 (0.12)	46 (1.81)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B1948M	11	3 (0.12)	46 (1.81)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2025	1,11	1.5 (0.06)	53 (2.09)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2025M	1,11	1.5 (0.06)	53 (2.09)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2036	11	2 (0.08)	53 (2.09)	178 (40)	-40 (-40)	85 (185)	0 (32)	-	V-2	-
B2036M	11	2 (0.08)	53 (2.09)	178 (40)	-40 (-40)	85 (185)	0 (32)	-	V-2	-
B2048	11	3 (0.12)	50 (1.97)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2048M	11	3 (0.12)	50 (1.97)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2076	11	7 (0.28)	50 (1.97)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2548	11	3 (0.12)	60 (2.36)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2936	1,11	2 (0.08)	76 (2.99)	178 (40)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2936M	1,11	2 (0.08)	76 (2.99)	178 (40)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B2976	11	7 (0.28)	76 (2.99)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B3048	11	3 (0.12)	76 (2.99)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B3048M	11	3 (0.12)	76 (2.99)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B3736	1,11	2 (0.08)	102 (4.02)	178 (40)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B3748	11	3 (0.12)	102 (4.02)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-

B3776	1,11	7 (0.28)	102 (4.02)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B3948	11	3 (0.12)	105 (4.13)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B4348	11	3 (0.12)	110 (4.33)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B4390	11	7 (0.28)	125 (4.92)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B4576	11	7 (0.28)	130 (5.12)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B5348	11	3 (0.12)	140 (5.51)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B5390	11	7 (0.28)	140 (5.51)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B5476	11	7 (0.28)	140 (5.51)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B7190	11	7 (0.28)	190 (7.48)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B7890	1,11	7 (0.28)	228 (8.98)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
B8190	11	7 (0.28)	239 (9.41)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N0824	11	1.5 (0.06)	15 (0.59)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N0824M	11	1.5 (0.06)	15 (0.59)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1012	11	8 (0.31)	295 (11.61)	1112 (250)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1025	11	1.5 (0.06)	22 (0.87)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1025M	11	1.5 (0.06)	22 (0.87)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1090	11	7 (0.28)	295 (11.61)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1225	11	1.5 (0.06)	30 (1.18)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1225M	11	1.5 (0.06)	30 (1.18)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1248	11	3 (0.12)	24 (0.94)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1290	1,11	7 (0.28)	365 (14.37)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-


N1436	1,11	2 (0.08)	33 (1.30)	178 (40)	-40 (-40)	85 (185)	0 (32)	-	V-2	-
N1436M	1,11	2 (0.08)	33 (1.30)	178 (40)	-40 (-40)	85 (185)	0 (32)	-	V-2	-
N1576	11	7 (0.28)	33 (1.30)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1590	11	190 (7.48)	460 (18.11)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1625	1,11	1.5 (0.06)	40 (1.57)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1625M	1,11	1.5 (0.06)	40 (1.57)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1648	11	3 (0.12)	38 (1.50)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N1948	11	3 (0.12)	46 (1.81)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2025	1,11	1.5 (0.06)	53 (2.09)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2025M	1,11	1.5 (0.06)	53 (2.09)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2036	11	2 (0.08)	53 (2.09)	178 (40)	-40 (-40)	85 (185)	0 (32)	-	V-2	-
N2048	11	3 (0.12)	50 (1.97)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2048M	11	3 (0.12)	50 (1.97)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2076	11	7 (0.28)	50 (1.97)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2412	11	8 (0.31)	50 (1.97)	1112 (250)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2548	11	3 (0.12)	60 (2.36)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2936	1,11	2 (0.08)	76 (2.99)	178 (40)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2936M	1,11	2 (0.08)	76 (2.99)	178 (40)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N2976	11	7 (0.28)	76 (2.99)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N3048	11	3 (0.12)	76 (2.99)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N3048M	11	3 (0.12)	76 (2.99)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-

N3736	1,11	2 (0.08)	102 (4.02)	178 (40)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N3748	11	3 (0.12)	102 (4.02)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N3776	1,11	7 (0.28)	102 (4.02)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N3948	11	3 (0.12)	105 (4.13)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N4348	11	3 (0.12)	110 (4.33)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N4390	11	7 (0.28)	125 (4.92)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N4576	11	7 (0.28)	130 (5.12)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N4912	11	8 (0.31)	135 (5.31)	1112 (250)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N5348	11	3 (0.12)	140 (5.51)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N5390	11	7 (0.28)	140 (5.51)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N5476	11	7 (0.28)	140 (5.51)	534 (120)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N7190	11	7 (0.28)	190 (7.48)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N7412	11	8 (0.31)	204 (8.03)	1112 (250)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N7890	1,11	7 (0.28)	228 (8.98)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N8190	11	7 (0.28)	239 (9.41)	778 (175)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
N8912	11	8 (0.31)	248 (9.76)	1112 (250)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
R1576	11	7 (0.28)	35 (1.38)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
T11125	11	3 (0.12)	18 (0.71)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
T12248	11	13 (0.51)	54 (2.13)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
T21025	11	6 (0.24)	18 (0.71)	80 (18)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
T22025	11	6 (0.24)	50 (1.97)	80 (18)	-40 (-40)	85 (185)	0 (32)	-	V-2	-

T22248	11	13 (0.51)	54 (2.13)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
T23048	11	13 (0.51)	76 (2.99)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
T32248	11	13 (0.51)	54 (2.13)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
T33048	11	13 (0.51)	76 (2.99)	222 (50)	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-

Nonmetallic Cable Ties with Integral Push Mount or Screw Mount Devices Investigated to ANSI/UL 62275

Cat. No.	Type Dsg.	Bundle Diam., mm (in.)		Loop Tensile Str., N (lbf)	Mechanical Str., N(lbf)	Operating Temp., °C(°F)		Min. Install. Temp., °C(°F)	Resistant to UV Light	Flame Rating	Complies with IEC 62275
		Min	Max			Min	Max				
H1125	11	1.5 (0.06)	15 (0.59)	80 (18)	-	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-
H2048	1,11	3 (0.12)	22 (0.87)	80 (18)	-	-40 (-40)	85 (185)	0 (32)	-	V-2	-
H3076	11	7 (0.28)	30 (1.18)	80 (18)	-	-40 (-40)	85 (185)	-20 (-4)	-	V-2	-

Marking: Company name, catalog or model number, the Recognized Component Mark,  and, if published with the product, the product's maximum and minimum operating temperature, minimum installation temperature if below 0°C, minimum and maximum bundle diameter, loop tensile strength, type designation and/or declared mechanical strength on the product or on the smallest unit container in which the product is packaged.

Last Updated on 2017-02-13

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