

Universal Protectors (NA)

General closure in conical shape for multi-dimensional fit as a cap or plug for internal or external protection. The product can be supplied with a vent hole if required. Some sizes are available in soft materials or high temperature-resistant versions.

Applications:

NA range is recommended for protection of every kind of connection port and inspection holes or fittings in hydraulic applications.

Main features:



Ideal solution for connection port and inspection holes



Suitable for Hydraulics & Pipes segment



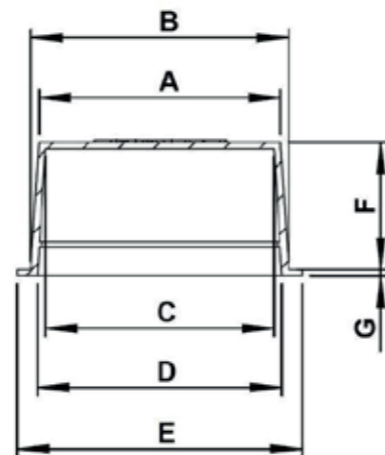
Multi-dimensional fit as a cap or plug



Made of LDPE, LLDPE, BIO LDPE, EVA, TPE & more



Easy mounting & dismounting



Properties

Standard colour: Red- Other colors may be available upon request

Standard material: LDPE

DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA0033A-AA	2,5	3,3	1,1	2,1	4,9	5,0		1000/25000
NA0035A-AA	2,8	3,5	1,3	2,1	5,0	4,0		1000/25000
NA0040A-AA	1,3	4,0	1,1	2,1	5,9	8,0		1000/25000
NA0046A-AA	4,1	4,6	1,0	2,1	7,4	5,5		1000/25000
NA0047A-AA	3,9	4,4	2,0	2,0	7,6	3,1		1000/25000
NA0048A-AA	3,1	4,9	1,2	2,9	10,0	8,0		1000/25000
NA0055A-AA	4,8	5,5	3,2	4,0	8,0	5,7		1000/25000
NA0059A-AA	5,0	5,9	3,6	4,6	7,4	8,0		1000/20000
NA0062A-AA	5,5	6,2	4,0	4,8	8,9	5,9		1000/25000
NA0067A-AA	6,0	6,7	4,5	5,3	10,6	5,9		1000/25000
NA0074A-AA	6,8	7,4	5,0	5,6	11,5	6,8		1000/25000
NA0085A-AA	7,6	8,5	6,0	7,1	12,0	8,0		1000/25000
NA0095A-AF	8,5	9,5	6,6	7,8	13,0	9,2		1000/40000
NA0095A-AA	8,3	9,4	6,9	7,9	13,2	9,0		1000/20000
NA0098A-AA	8,3	9,9	6,8	8,0	12,8	9,0		1000/25000
NA0106A-AA	9,2	10,6	7,6	9,0	14,1	10,0		1000/15000
NA0110A-AA	10,1	11,0	8,2	9,5	15,0	9,9		1000/25000
NA0123A-AA	10,8	12,5	9,2	10,8	16,2	9,6		1000/25000
NA0127A-AA	11,4	12,8	10,1	11,3	16,9	9,8		1000/20000
NA0138A-AA	12,0	13,8	10,6	12,1	17,9	11,1		1000/16000
NA0138D-AA	12,0	13,8	10,6	12,1	17,9	11,1	x	1000/16000
NA0145A-AA	13,1	14,5	11,5	12,9	19,0	11,1		1000/15000
NA0150A-AA	13,5	14,7	12,0	13,2	19,0	11,7		1000/13000
NA0154A-AA	13,9	15,4	12,4	14,0	19,1	12,0		1000/12000
NA0157A-AA	14,2	15,7	13,0	14,7	18,9	12,8		1000/12000
NA0168A-AV	16,7	16,8	15,4	15,5	24,0	8,0		500/10000
NA0168A-AA	16,7	16,8	15,4	15,5	24,0	8,0		500/10000
NA0169A-AA	14,9	16,8	14,0	15,5	20,3	12,8		1000/10000
NA0169D-AA			14,0	15,5	20,3	12,8		1000/10000
NA0180A-AA	16,3	18,0	14,4	16,3	20,1	13,4		1000/9000
NA0190A-AA	17,2	18,9	15,8	17,6	23,0	14,0	x	500/15000
NA0200A-AA	18,7	20,0	17,4	18,7	24,0	9,0		500/20000

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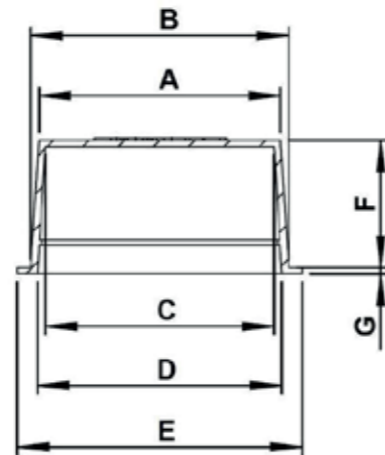
Multi-dimensional fit as a cap or plug



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DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA0200D-AA	18,7	20,0	17,4	18,7	24,0	9,0		500/20000
NA0204A-AA	18,2	20,2		18,8	24,2	13,9		500/7000
NA0204L-AA	18,2	20,2	16,4	18,8	24,2	13,9	x	500/7000
NA0210A-AA	19,8	21,0	17,1	18,4	26,9	8,9		500/7000
NA0211A-AA	19,3	21,1	17,6	19,5	25,3	13,7		500/6500
NA0211L-AA	19,3	21,1	17,6	19,5	25,3	13,7	x	500/6500
NA0217A-AA	20,1	21,8	18,6	20,3	26,0	17,2		500/4000
NA0225A-AA	20,4	22,5	18,9	20,9	25,9	15,0	x	500/11000
NA0229A-AA	20,3	22,9	18,4	21,5	25,7	16,6		500/10000
NA0232A-AA	21,4	23,4	19,7	21,5	27,7	15,0		500/5000
NA0255A-AA	22,2	25,5	20,2	23,3	28,8	15,5		500/4000
NA0255D-AA	22,2	25,5	20,2	23,3	28,8	15,5	x	500/4000
NA0261A-AA	24,2	26,0	22,4	23,5	29,5	13,7		500/4500
NA0261D-AA	24,2	26,0	22,4	23,5	29,5	13,7	x	500/4500
NA0268A-AA	25,2	26,8	23,7	25,4	30,7	13,9		500/8500
NA0268B-AA	25,2	26,8	23,7	25,4	30,7	13,9		500/8500
NA0268L-AA	25,2	26,8	23,7	25,4	30,7	13,9	x	500/8500
NA0268M-AA	25,2	26,8	23,7	25,4	30,7	13,9		500/8500
NA0279A-AA	24,6	28,0	22,8	26,0	36,3	16,6		250/5000
NA0284A-AA	27,5	28,6	25,3	26,7	35,0	13,7		250/3000
NA0284D-AA	27,5	28,6	25,3	26,7	35,0	13,7	x	250/6500
NA0298A-AA	26,8	29,8	25,3	28,2	32,4	16,4		250/6500
NA0298L-AA	26,8	29,8	25,3	28,2	32,4	16,4	x	250/6500
NA0306A-AA	27,9	30,6	26,0	28,8	34,8	13,9		250/6500
NA0314Z-AA	31,4	31,4	30,2	30,2	35,5	8,5		250/4000
NA0320A-AA	29,7	32,0	27,9	30,3	36,2	17,0		250/5000
NA0320L-AA	29,7	32,0	27,9	30,3	36,2	17,0	x	250/5000
NA0327A-AA	30,9	33,2	29,6	31,5	35,5	17,8		250/5000
NA0327L-AA	30,9	33,2	29,6	31,5	35,5	17,8	x	250/5000
NA0327M-AA	30,9	33,2	29,6	31,5	35,5	17,8	x	250/5000
NA0328A-AA	30,7	32,8	29,1	31,1	36,2	16,2		250/5000
NA0337A-AA	31,3	33,7	29,8	32,2	37,3	16,4		250/4500
NA0337L-AA	31,3	33,7	29,8	32,2	37,3	16,4	x	250/4000
NA0349A-AA	33,1	35,2	31,7	33,4	39,5	16,7		250/4000
NA0349K-AA	33,1	35,2	31,7	33,4	39,5	16,7	x	250/4000
NA0349L-AA	33,1	35,2	31,7	33,4	39,5	16,7	x	250/4000
NA0369Z-AA	33,1	36,9	31,5	34,7	40,0	21,0		500/1000

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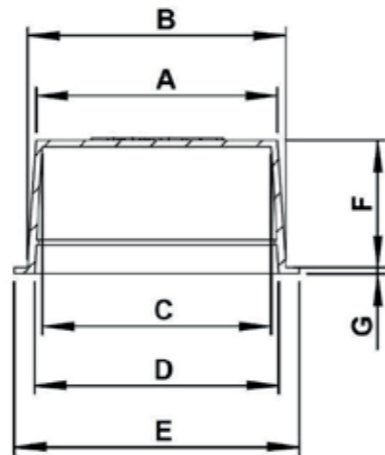
Multi-dimensional fit as a cap or plug



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DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA0377A-AA	34,3	37,5	33,0	36,0	41,8	17,5		250/4000
NA0377L-AA	34,3	37,5	33,0	36,0	41,8	17,5	x	250/4000
NA0381A-AA	35,6	38,2	33,7	36,5	41,0	16,5		250/4000
NA0381L-AA	35,6	38,2	33,7	36,5	41,0	16,5	x	250/4000
NA0395A-AA	36,8	39,5	35,3	38,0	45,7	16,8		250/3500
NA0395K-AA	36,8	39,5	35,3	38,0	45,7	16,8	x	250/3500
NA0400A-AA	38,0	40,0	36,6	38,4	44,6	17,1		250/3000
NA0400L-AA	38,0	40,0	36,6	38,4	44,6	17,1	x	250/3000
NA0405A-AA	37,8	40,5	36,8	39,2	46,5	18,3		250/3000
NA0405L-AA	37,8	40,5	36,8	39,2	46,5	18,3	x	250/3000
NA0419A-AA	39,3	42,2	38,0	40,8	46,8	19,9		250/2750
NA0419K-AA	39,3	42,2	38,0	40,8	46,8	19,9	x	250/2750
NA0419L-AA	39,3	42,2	38,0	40,8	46,8	19,9	x	250/2750
NA0419M-AA	39,3	42,2	38,0	40,8	46,8	19,9	x	250/2750
NA0438A-AA	41,4	43,7	40,0	42,0	48,0	17,9		250/2500
NA0438L-AA	41,4	43,7	40,0	42,0	48,0	17,9	x	250/2500
NA0440A-AA	41,1	44,5	40,1	42,6	47,3	16,8		250/3000
NA0440D-AA	41,1	44,5	40,1	42,6	47,3	16,8	x	250/3000
NA0466A-AA	44,2	46,4	42,4	44,6	50,0	19,0		250/2250
NA0466D-AA	44,2	46,4	42,4	44,6	50,0	19,0	x	250/2250
NA0473A-AA	44,4	47,3	42,3	44,9	51,3	18,7		250/2000
NA0473L-AA	44,4	47,3	42,3	44,9	51,3	18,7	x	250/2000
NA0480A-AA	45,6	48,0	43,5	45,9	52,4	18,9		100/2000
NA0484A-AA	46,2	48,7	44,6	48,8	52,7	18,5		100/2200
NA0484D-AA	46,2	48,7	44,6	48,8	52,7	18,5	x	100/2400
NA0484K-AA	46,2	48,7	44,6	48,8	52,7	18,5	x	100/2200
NA0490A-AA	46,9	49,3	45,7	48,1	53,8	18,9		100/2000
NA0490B-AA	46,9	49,3	45,7	48,1	53,8	18,9	x	100/1500
NA0490L-AA	46,9	49,3	45,7	48,1	53,8	18,9	x	100/2000
NA0504A-AA	49,4	49,7	46,4	47,5	57,5	8,9		250/3000
NA0507A-AA	49,6	51,8	47,8	50,1	56,5	18,8		100/1800
NA0507L-AA	49,6	51,8	47,8	50,1	56,5	18,8	x	100/1800
NA0507M-AA	49,6	51,8	47,8	50,1	56,5	18,8	x	100/1800
NA0510A-AA	47,9	52,3	46,0	48,7	59,4	14,5		100/1000
NA0510D-AA	47,9	52,3	46,0	48,7	59,4	14,5	x	100/1000
NA0541A-AA	50,4	54,3	48,5	52,4	60,2	17,7		100/1500
NA0543A-AA	50,8	54,3	49,4	52,6	59,6	19,8		100/1700

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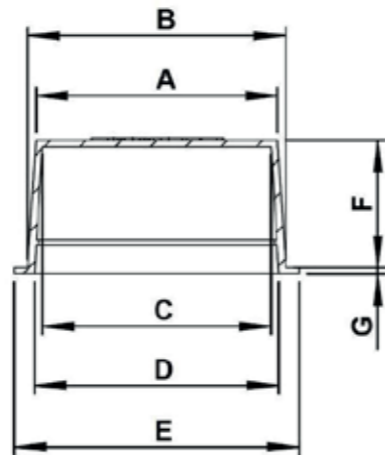
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DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA0543D-AA	50,8	54,3	49,4	52,6	59,6	19,8	x	100/1700
NA0558A-AA	51,7	55,5	50,1	53,4	58,2	19,6		100/1600
NA0558L-AA	51,7	55,5	50,1	53,4	58,2	19,6	x	100/1700
NA0569X-AA	52,5	56,9	50,3	54,7	60,7	26,0	x	1200/1200
NA0569Z-AA	52,5	56,9	50,3	54,7	60,7	26,0		0/1500
NA0576A-AA	55,7	58,3	54,1	56,4	62,3	19,6		100/1500
NA0576L-AA	55,7	58,3	54,1	56,4	62,3	19,6	x	100/1500
NA0593A-AA	57,5	59,6	55,9	57,6	65,2	19,6		100/1200
NA0593L-AA	57,5	59,6	55,9	57,6	65,2	19,6	x	100/1200
NA0607A-AA	58,3	60,7	56,9	59,0	65,1	19,3		100/1400
NA0607L-AA	58,3	60,7	56,9	59,0	65,1	19,3	x	100/1400
NA0617A-AA	57,8	61,7	56,0	59,9	67,7	13,0		100/1500
NA0633A-AA	59,6	63,7	58,1	62,0	70,0	18,8		100/1200
NA0633K-AA	59,6	63,7	58,1	62,0	70,0	18,8	x	100/1200
NA0651A-AA	63,3	66,0	61,0	63,7	70,0	20,4		100/1000
NA0651B-AA	63,3	66,0	61,0	63,7	70,0	20,4	x	100/1000
NA0651D-AA	63,3	66,0	61,0	63,7	70,0	20,4	x	100/1000
NA0665A-AA	62,7	66,5	61,1	64,6	69,0	19,7		100/1400
NA0665L-AA	62,7	66,5	61,1	64,6	69,0	19,7	x	100/1400
NA0684A-AA	66,1	68,4	64,2	66,7	72,7	19,8		100/1100
NA0689A-AA	64,8	68,5	63,5	65,6	72,3	28,6		100/600
NA0704A-AA	67,7	70,4	66,2	69,0	74,2	20,8		100/1000
NA0704D-AA	67,7	70,4	66,2	69,0	74,2	20,8	x	100/1000
NA0717A-AA	67,8	72,4	66,3	70,2	75,0	22,1		100/1000
NA0732A-AA	70,1	74,3	69,2	71,8	78,1	20,7		50/900
NA0732B-AA	70,1	74,3	69,2	71,8	78,1	20,7	x	100/900
NA0732K-AA	70,1	74,3	69,2	71,8	78,1	20,7	x	50/900
NA0732L-AA	70,1	74,3	69,2	71,8	78,1	20,7	x	50/900
NA0742A-AA	68,6	74,2	67,0	70,6	78,3	29,1		50/600
NA0760A-AA	73,8	76,0	71,8	74,4	80,9	20,9		50/800
NA0760D-AA	73,8	76,0	71,8	74,4	80,9	20,9	x	50/800
NA0771A-AA	74,8	77,7	72,1	75,6	82,6	21,5	x	50/750
NA0771D-AA	74,8	77,7	72,1	75,6	82,6	21,5	x	50/750
NA0802A-AA	79,0	80,2	77,2	78,6	90,0	19,7		0/600
NA0808A-AA	77,9	80,3	76,1	78,1	84,8	20,4		50/800
NA0808L-AA	77,9	80,3	76,1	78,1	84,8	20,4	x	50/800
NA0820A-AA	78,8	82,0	77,5	80,2	86,0	21,9		50/700

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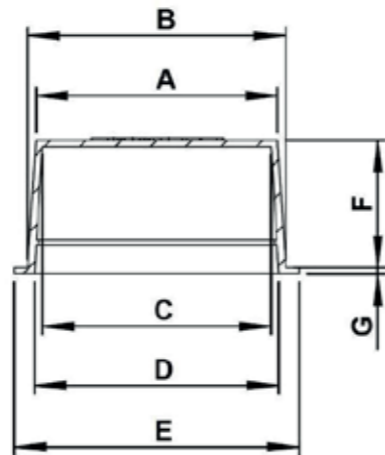
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NA0820L-AA	78,8	82,0	77,5	80,2	86,0	21,9	x	50/800
NA0820Z-AA	78,8	82,0	77,5	80,2	86,0	21,9		0/600
NA0832A-AA	80,9	83,2	78,4	81,2	88,1	21,8		50/600
NA0838A-AA	77,9	83,8	76,5	81,8	87,8	30,4		50/500
NA0838D-AA	77,9	83,8	76,5	81,8	87,8	30,4	x	50/500
NA0845A-AA	79,6	84,5	78,0	82,8	87,8	25,7		50/600
NA0870A-AA	83,4	86,3	81,0	83,7	91,0	21,4		50/650
NA0873A-AA	84,1	87,3	83,3	85,6	92,0	21,6		50/700
NA0873L-AA	84,1	87,3	83,3	85,6	92,0	21,6	x	50/700
NA0895A-AA	87,7	90,5	85,8	88,6	95,0	21,8		50/550
NA0895L-AU	87,7	90,5	85,8	88,6	95,0	21,8	x	0/550
NA0895L-AA	87,7	90,5	85,8	88,6	95,0	21,8		50/550
NA0896A-AA	88,0	90,9	86,6	89,0	95,0	21,8		50/550
NA0896L-AA	88,0	90,9	86,6	89,0	95,0	21,8	x	50/550
NA0932A-AA	90,1	92,3	86,6	87,8	100,0	23,4		50/400
NA0943A-AA	91,2	95,7	89,4	94,2	102,0	23,4		50/500
NA0943D-AA	91,2	95,7	89,4	94,2	102,0	23,4	x	50/500
NA0973A-AA	94,2	97,3	92,0	96,0	100,5	23,8		50/500
NA0973L-AA	94,2	97,3	92,0	96,0	100,5	23,8	x	0/500
NA0984A-AA	96,3	99,2	93,2	97,6	104,2	22,5		50/500
NA0984D-AA	96,3	99,2	93,2	97,6	104,2	22,5	x	0/500
NA1012A-AA	98,9	101,2	97,2	98,7	104,6	21,9		0/500
NA1012B-AA	98,9	101,2	97,2	98,7	104,6	21,9	x	50/500
NA1012L-AA	98,9	101,2	97,2	98,7	104,6	21,9	x	0/500
NA1024A-AA	102,0	102,5	95,0	100,6	108,8	25,2		400/400
NA1024L-AA	102,0	102,5	95,0	100,6	108,8	25,2		400/400
NA1071A-AA	103,5	107,1	101,6	105,2	111,1	22,8		0/400
NA1071L-AA	103,5	107,1	101,6	105,2	111,1	22,8	x	0/400
NA1071S-AA	102,3	105,0	99,6	100,9	109,1	22,8		0/400
NA1107A-AA	103,9	110,7	102,1	108,4	113,7	31,5		0/300
NA1107L-AA	103,9	110,7	102,1	108,4	113,7	31,5	x	200/2000
NA1122A-AA	110,5	113,8	108,0	111,0	119,5	27,5		0/300
NA1145A-AA	110,9	114,5	106,4	110,0	120,6	26,0		0/300
NA1145D-AA	110,9	114,5	106,4	110,0	120,6	26,0	x	200/2000
NA1146A-AA	112,9	115,5	110,0	113,5	119,5	24,3		0/300
NA1146D-AA	112,9	115,5	110,0	113,5	119,5	24,3	x	0/300
NA1186A-AA	115,3	118,6	113,6	116,5	123,0	23,8		0/300

Universal Protectors (NA) - continued

General closure in conical shape for multi-dimensional fit as a cap or plug for internal or external protection. The product can be supplied with a vent hole if required. Some sizes are available in soft materials or high temperature-resistant versions.

Applications:

NA range is recommended for protection of every kind of connection port and inspection holes or fittings in hydraulic applications.

Main features:



Ideal solution for connection port and inspection holes



Suitable for Hydraulics & Pipes segment



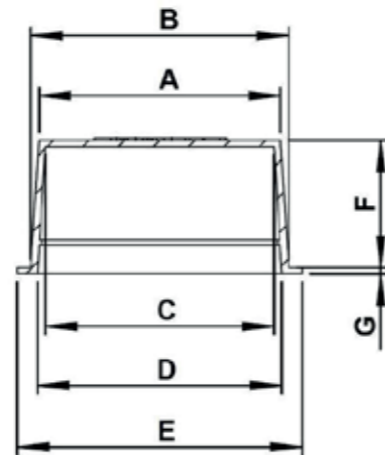
Multi-dimensional fit as a cap or plug



Made of LDPE, LLDPE, BIO LDPE, EVA, TPE & more



Easy mounting & dismounting



DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA1212A-AA	117,5	121,2	115,9	119,4	125,9	24,3		0/300
NA1212D-AA	117,5	121,2	115,9	119,4	125,9	24,3	x	0/300
NA1244X-AA	118,2	124,4	116,0	122,2	129,3	36,8	x	0/275
NA1244Z-AA	118,2	124,4	116,0	122,2	129,3	36,8		0/275
NA1261A-AA	123,5	126,1	121,5	124,5	137,0	24,9		0/250
NA1261L-AA	123,5	126,1	121,5	124,5	137,0	24,9	x	0/250
NA1277A-AA	126,2	127,7	123,5	126,5	130,0	25,9		0/250
NA1277D-AA	126,2	127,7	123,5	126,5	130,0	25,9	x	150/1500
NA1310A-AA	128,6	131,6	126,5	129,5	139,5	25,6		0/250
NA1310D-AA	128,6	131,6	126,5	129,5	139,5	25,6	x	0/250
NA1325A-AA	126,2	133,6	123,4	130,6	143,5	26,5		0/160
NA1325L-AA	126,2	133,6	123,4	130,6	143,5	26,5	x	0/160
NA1342A-AA	129,9	135,0	126,9	132,9	138,0	32,5		0/200
NA1342L-AA	129,9	135,0	126,9	132,9	138,0	32,5	x	0/200
NA1360A-AA	133,8	136,0	131,1	134,1	143,9	26,9		0/200
NA1360D-AA	133,8	136,0	131,1	134,1	143,9	26,9	x	0/200
NA1402A-AA	137,6	140,2	135,9	138,9	149,4	27,2		0/200
NA1402L-AA	137,6	140,2	135,9	138,9	149,4	27,2	x	0/200
NA1440A-AA	135,4	145,4	133,4	143,1	156,1	35,2		0/150
NA1440L-AA	135,4	145,4	133,4	143,1	156,1	35,2	x	0/150
NA1487A-AA	142,8	148,7	141,4	146,9	152,5	28,5		0/200
NA1487L-AA	142,8	148,7	141,4	146,9	152,5	28,5	x	0/200
NA1510A-AA	148,7	152,2	144,9	149,8	166,3	27,3		0/150
NA1510D-AA	148,7	152,2	144,9	149,8	166,3	27,3	x	0/150
NA1579A-AA	151,6	157,9	149,7	155,7	167,0	29,1		0/150
NA1579L-AA	151,6	157,9	149,7	155,7	167,0	29,1	x	100/1000
NA1605A-AA	158,5	160,5	156,1	158,7	168,9	27,3		0/150
NA1605L-AA	158,5	160,5	156,1	158,7	168,9	27,3	x	0/150
NA1643A-AA	160,8	164,3	157,0	161,0	170,6	38,0		0/100
NA1643L-AA	160,8	164,3	157,0	161,0	170,6	38,0	x	75/750
NA1653A-AA	158,0	165,7	154,5	162,4	167,9	40,2		0/100
NA1653L-AA	158,0	165,7	154,5	162,4	167,9	40,2	x	0/100
NA1682A-AA	165,5	168,2	1 600,3	163,7	175,0	27,3		0/125
NA1682D-AA	165,5	168,2	1 600,3	163,7	175,0	27,3	x	75/750
NA1711A-AA	167,5	171,1	165,1	169,5	180,0	28,0		0/125
NA1731Z-AA	168,8	173,1	164,6	168,9	178,9	20,0		180/180
NA1759A-AA	172,6	178,3	169,9	175,2	185,5	27,6		0/125

Universal Protectors (NA) - continued

General closure in conical shape for multi-dimensional fit as a cap or plug for internal or external protection. The product can be supplied with a vent hole if required. Some sizes are available in soft materials or high temperature-resistant versions.

Applications:

NA range is recommended for protection of every kind of connection port and inspection holes or fittings in hydraulic applications.

Main features:



Ideal solution for connection port and inspection holes



Suitable for Hydraulics & Pipes segment



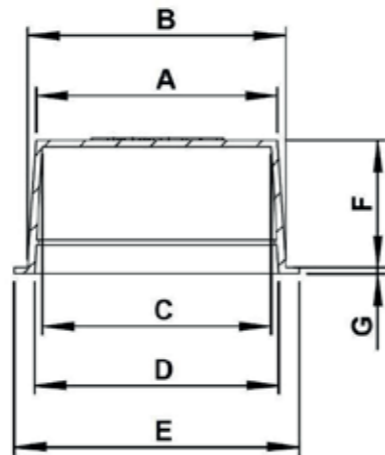
Multi-dimensional fit as a cap or plug



Made of LDPE, LLDPE, BIO LDPE, EVA, TPE & more



Easy mounting & dismounting



DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA1759L-AA	172,6	178,3	169,9	175,2	185,5	27,6	x	0/125
NA1813A-AA	178,3	181,3	176,1	179,4	189,0	27,8		0/125
NA1857A-AA	178,8	185,7	176,3	183,7	193,8	35,1		0/100
NA1857L-AA	178,8	185,7	176,3	183,7	193,8	35,1	x	0/100
NA1934A-AA	187,4	193,4	185,5	191,5	201,0	29,6		0/100
NA1934L-AA	187,4	193,4	185,5	191,5	201,0	29,6	x	0/100
NA1946A-AA	189,7	194,6	187,6	192,7	203,0	29,1		0/100
NA1946L-AA	189,7	194,6	187,6	192,7	203,0	29,1	x	65/650
NA2008A-AA	196,7	200,8	194,2	198,1	215,9	31,6		0/100
NA2008L-AA	196,7	200,8	194,2	198,1	215,9	31,6	x	0/100
NA2020L-AA	193,0	201,5	189,8	198,6	219,0	31,5	x	0/100
NA2032A-AA	199,0	203,2	196,0	200,0	213,5	44,8		0/75
NA2039A-AA	199,5	203,9	196,9	200,9	218,0	33,2		0/75
NA2039L-AA	199,5	203,9	196,9	200,9	218,0	33,2	x	0/75
NA2086A-AA	203,9	208,6	201,0	205,0	222,4	32,9		0/75
NA2086D-AA	203,9	208,6	201,0	205,0	222,4	32,9	x	0/75
NA2137A-AA	206,4	213,7	202,8	209,5	216,8	45,0		0/50
NA2137D-AA	206,4	213,7	202,8	209,5	216,8	45,0	x	40/360
NA2210A-AA	213,0	221,0	209,8	217,8	231,0	40,0		0/50
NA2210L-AA	213,0	221,0	209,8	217,8	231,0	40,0	x	0/50
NA2332L-AA	220,0	234,0	219,6	232,0	252,0	32,5	x	0/45
NA2480A-AA	241,2	248,0	238,2	245,5	259,5	45,0		0/40
NA2480L-AA	241,2	248,0	238,2	245,5	259,5	45,0	x	0/40
NA2630L-AA	248,0	263,0	247,4	260,3	280,0	41,5	x	30/300

Standard colour: Red- Other colors may be available upon request

Standard material: EVA

DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA0123A-AE	10,8	12,6	9,0	10,6	16,0	9,6		1000/20000
NA0138A-AE	12,2	13,8	10,7	12,2	18,0	11,1		1000/16000
NA0169A-AE	14,9	16,8	14,0	15,7	20,5	13,0		1000/10000

Standard colour: Red

Standard material: HDPE

DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA2541B-EA	248,8	253,1	-	-	273,0	18,2	x	0/50

Universal Protectors (NA) - continued

General closure in conical shape for multi-dimensional fit as a cap or plug for internal or external protection. The product can be supplied with a vent hole if required. Some sizes are available in soft materials or high temperature-resistant versions.

Applications:

NA range is recommended for protection of every kind of connection port and inspection holes or fittings in hydraulic applications.

Main features:



Ideal solution for connection port and inspection holes



Suitable for Hydraulics & Pipes segment



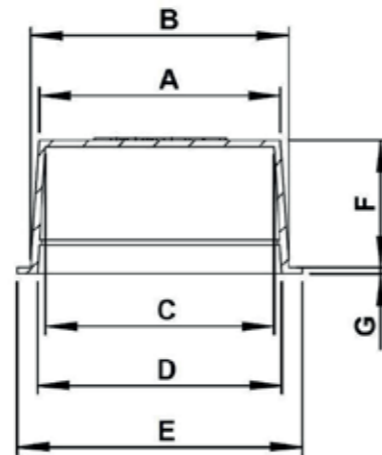
Multi-dimensional fit as a cap or plug



Made of LDPE, LLDPE, BIO LDPE, EVA, TPE & more



Easy mounting & dismounting



Standard colour: Natural
Standard material: PA66

DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA0047A-GA	4,0	4,5	2,0	2,0	7,7	3,1		1000/150000
NA0055A-GA	4,8	5,7	-	-	8,2	5,7		1000/75000
NA0067A-GA	6,0	6,9	4,6	5,3	10,9	6,0		1000/50000
NA0095A-GA	8,3	9,5	6,6	7,8	13,3	9,4		1000/40000
NA0095D-GA	8,3	9,5	6,6	7,8	13,3	9,4	x	1000/40000
NA0106A-GA	9,2	10,5	7,7	9,0	14,1	10,2		1000/30000
NA0110A-GA	9,9	11,2	8,2	9,7	15,3	10,2		1000/25000
NA0123A-GA	10,9	12,5	9,0	10,8	16,3	9,8		1000/25000
NA0127A-GA	11,6	12,8	10,0	11,4	17,2	10,0		1000/20000
NA0157A-GA	14,2	16,2	12,6	14,7	18,9	12,0		1000/12000
NA0169A-GA	15,5	17,2	13,8	15,8	20,6	13,2		1000/10000
NA0225A-GA	20,5	22,5	19,0	21,2	26,1	15,3		500/5000
NA0327A-GA	31,4	33,4	29,7	32,2	37,5	16,4		250/4500
NA0349A-GA	33,1	35,2	31,3	33,4	40,0	16,9		250/4000
NA0377A-GA	35,2	38,0	33,1	36,5	42,7	17,2		250/4000
NA0400A-GA	38,2	41,0	36,7	39,3	44,5	18,0		250/3000
NA0760A-GA	74,2	76,6	72,4	74,6	81,3	21,0		50/800
NA0808A-GA	78,6	82,0	76,6	78,9	85,6	22,2		50/600
NA0832A-GA	81,2	84,0	79,1	82,1	89,0	22,4		50/600
NA0895A-GA	88,8	91,0	86,2	88,8	95,4	22,2		50/550
NA1261A-GA	123,5	126,1	121,5	124,5	137,0	24,9		0/250

Standard colour: Green
Standard material: BIO LDPE

DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA0110A-AB	10,0	11,0	8,2	9,5		9,9		1000/25000
NA0138A-AB	12,0	13,8	10,6	12,2	17,9	11,1		1000/16000
NA0154A-AB	13,9	15,4	12,4	14,0	19,1	12,0		1000/12000
NA0169A-AB	14,9	16,8	14,0	15,7	20,5	13,0		1000/10000
NA0190A-AB	17,2	18,9	16,0	17,6		14,0	x	500/11000
NA0232A-AB	21,4	23,4	20,0	21,5	27,7	15,0		500/5000
NA0717A-AB	67,8	72,4	66,3	70,2	75,0	22,1		100/1000
NA0820A-AB	78,8	82,0	78,0	80,2	86,0	21,9		50/700
NA0932A-AB	90,1	92,3	87,0	87,8	100,0			50/400
NA1012A-AB	98,9	101,2	97,0	98,7	105,0	21,9		0/500
NA2008A-AB	196,7	200,0	194,0	198,0	216,0	31,6		0/100

Universal Protectors (NA) - continued

General closure in conical shape for multi-dimensional fit as a cap or plug for internal or external protection. The product can be supplied with a vent hole if required. Some sizes are available in soft materials or high temperature-resistant versions.

Applications:

NA range is recommended for protection of every kind of connection port and inspection holes or fittings in hydraulic applications.

Main features:



Ideal solution for connection port and inspection holes



Suitable for Hydraulics & Pipes segment



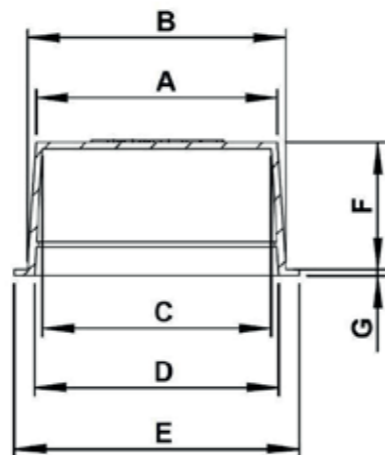
Multi-dimensional fit as a cap or plug



Made of LDPE, LLDPE, BIO LDPE, EVA, TPE & more



Easy mounting & dismounting



Standard colour: Red
Standard material: LLDPE

DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	Venthole	QTY Bag/Box
NA1123A-BA	109,4	112,3	107,2	110,6	117,2	24,0		0/350
NA1123L-BA	109,4	112,3	107,2	110,6	117,2	24,0	x	0/350
NA2270A-BA	218,0	227,0	214,8	224,5	236,9	45,5		0/50
NA2270L-BA	218,0	227,0	214,8	224,5	236,9	45,5	x	0/50
NA2518A-BA	248,5	251,8	245,5	250,3	259,0	45,7		30/30
NA2518L-BA	248,5	251,8	245,5	250,3	259,0	45,7	x	30/300
NA2541A-BA	250,7	254,1	247,1	250,5	259,5	30,0		30/30
NA2571A-BA	250,5	257,1	248,0	253,5	264,4	40,5		0/40
NA2571L-BA	250,5	257,1	248,0	253,5	264,4	40,5	x	0/40
NA2673A-BA	261,0	267,3	254,9	263,7	273,3	51,3		0/40
NA2770A-BA	270,0	277,0	267,5	273,9	287,0	50,0		0/40
NA2770L-BA	270,0	277,0	267,5	273,9	287,0	50,0	x	0/40
NA2816L-BA	272,0	282,0	270,0	279,4	300,0	48,5	x	0/25
NA2901A-BA	282,4	290,1	278,4	285,6	297,7	40,3		0/50
NA2901L-BA	282,4	290,1	278,4	285,6	297,7	40,3	x	0/50
NA3140A-BA	303,4	314,0	300,1	310,8	332,7	55,0		0/25
NA3140L-BA	303,4	314,0	300,1	310,8	332,7	55,0	x	0/25
NA3177A-BA	314,8	317,7	310,0	316,0	335,0	60,4		15/300
NA3177L-BA	314,8	317,7	310,0	316,0	335,0	60,4	x	15/120

DBI Ref.	Application outside diameter				Application inside diameter			
	A WRG ISO 228"	B1 ISO 261, regular thread	B2 ISO 261, metric screw thread	C UNF ASME B 1.1 (class 3A& 3B)	A WRG ISO 228	B1 ISO 261, regular thread	B2 ISO 261, metric screw thread	C UNF ASME B 1.1 (class 3A& 3B)
NA0033A-AA		M1,2 M1,4 M1,6 M1,8 M2	M1,2x0,2 M1,4x0,2 M1,6x0,2 M1,8x0,2 M2x0,25			M3,5	M3x0,35 M3,5x0,35	
NA0035A-AA		"M1,4 M1,6 M1,8 M2"	M1,4x0,2 M1,6x0,2 M1,8x0,2 M2x0,25			M3,5 M4	M3,5x0,35	
NA0040A-AA		M1,2 M1,4 M1,6 M1,8 M2	M1,2x0,2 M1,4x0,2 M1,6x0,2 M1,8x0,2 M2x0,25			M1 M2 M2,2 M2,5 M3 M3,5 M4 M4,5	M2,5x0,35 M3x0,35 M3,5x0,35 M4x0,5	
NA0047A-AA						M5		
NA0055A-AA		M3,5				M6	M5,5x0,5	

Universal Protectors (NA) - continued

General closure in conical shape for multi-dimensional fit as a cap or plug for internal or external protection. The product can be supplied with a vent hole if required. Some sizes are available in soft materials or high temperature-resistant versions.

Applications:

NA range is recommended for protection of every kind of connection port and inspection holes or fittings in hydraulic applications.

Main features:



Ideal solution for connection port and inspection holes



Suitable for Hydraulics & Pipes segment



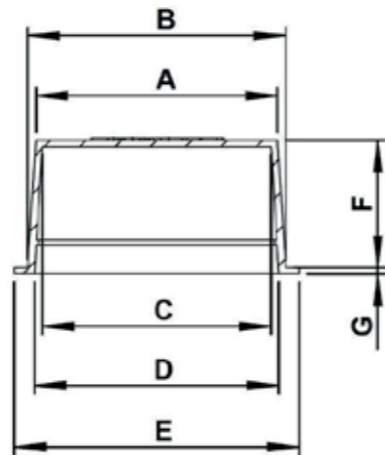
Multi-dimensional fit as a cap or plug



Made of LDPE, LLDPE, BIO LDPE, EVA, TPE & more



Easy mounting & dismounting



DBI Ref.	Application outside diameter				Application inside diameter			
	A WRG ISO 228"	B1 ISO 261, regular thread	B2 ISO 261, metric screw thread	C UNF ASME B 1.1 (class 3A& 3B)	A WRG ISO 228	B1 ISO 261, regular thread	B2 ISO 261, metric screw thread	C UNF ASME B 1.1 (class 3A& 3B)
NA0048A-AA		"M1,4 M1,6 M1,8 M2 M2,2 M2,5"	M1,4x0,2 M1,6x0,2 M1,8x0,2 M2x0,25 M2,2x0,25 M2,5x0,35			M4,5 M5	M4x0,5 M4,5x0,5 M5x0,5	
NA0059A-AA		M4 M4,5	M4x0,5 M4,5x0,5			M6x0,75		1/4"
NA0062A-AA		M4,5	M4,5x0,5					
NA0067A-AA		M5	M5x0,5				M7x0,75	
NA0074A-AA			M5,5x0,5		1/16"	M8	M8x1,0	5/16"
NA0085A-AA		M7		1/4"				
NA0095A-AA		M7			1/8"	M10	M10x1,0	3/8"
NA0106A-AA		M8	M8x1,0	5/16"				7/16"
NA0110A-AA						M12	M12x1	
NA0123A-AA	1/8"	M10	M10x1,0	3/8"	1/4"	M12x1		1/2"
NA0127A-AA				7/16"		M14	M14x1,5	
NA0138A-AA		M12	M12x1,25	7/16"				9/16"
NA0145A-AA		M 12				M16 M18	M16x1,5	
NA0154A-AA				1/2"			M16x1,0	5/8"
NA0157A-AA	1/4"	M14	M14x1,5	9/16"	3/8"	M18		
NA0169A-AA							M18x1,5 M18x2	
NA0180A-AA		M16	M16x1	5/8"		M20		
NA0190A-AA	3/8"					M20x1,5 M20x2		
NA0204A-AA		M18	M18x1,5		1/2"	M22		
NA0210A-AA							M22x1,5	7/8"
NA0217A-AA		M20	M20x1,5	3/4"	5/8"			
NA0225A-AA		M20	M20x1,0					
NA0229A-AA		M20	M20x1,0	3/4"		M24	M24x2	7/8"
NA0232A-AA	1/2"						M24x1,5	
NA0255A-AA	5/8"	M22	M22x1,5	7/8"	3/4"	M27	M26x1,5	1"
NA0261A-AA							M27x1,5 M27x2	
NA0268A-AA							M28x1,5	
NA0279A-AA		M24	M24x1,5 M24x2,0	1"		M30	M30x2,0	1 1/8"
NA0298A-AA	3/4"		M27x2,0		7/8"		M30x1,5	
NA0306A-AA		M30	M27x1,5			M33		1 1/4"
NA0320A-AA					1"		M32x1,5 M33x1,5	
NA0328A-AA	7/8"	M33				M36	M33x1,5	
NA0337A-AA							M35x1,5	1 3/8"
NA0349A-AA	1"					M39	M35x1,5	

Universal Protectors (NA) - continued

General closure in conical shape for multi-dimensional fit as a cap or plug for internal or external protection. The product can be supplied with a vent hole if required. Some sizes are available in soft materials or high temperature-resistant versions.

Applications:

NA range is recommended for protection of every kind of connection port and inspection holes or fittings in hydraulic applications.

Main features:



Ideal solution for connection port and inspection holes



Suitable for Hydraulics & Pipes segment



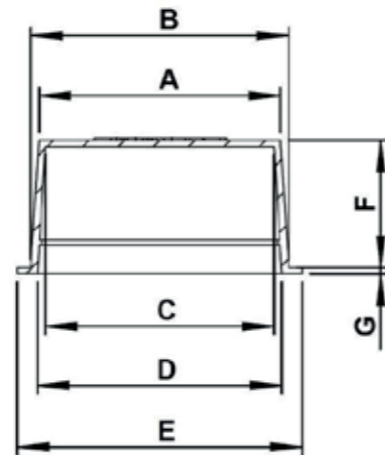
Multi-dimensional fit as a cap or plug



Made of LDPE, LLDPE, BIO LDPE, EVA, TPE & more



Easy mounting & dismounting



DBI Ref.	Application outside diameter				Application inside diameter			
	A WRG ISO 228"	B1 ISO 261, regular thread	B2 ISO 261, metric screw thread	C UNF ASME B 1.1 (class 3A& 3B)	A WRG ISO 228	B1 ISO 261, regular thread	B2 ISO 261, metric screw thread	C UNF ASME B 1.1 (class 3A& 3B)
NA0377A-AA				1 3/8"			M39x2,0 M39x1,5	1 1/2"
NA0381A-AA			M36x1,5	1 3/8"		M42	M40x2,0	
NA0400A-AA	1 1/8"			1 1/2"	1 1/4"		M42x3	
NA0419A-AA		M40	M39x1,5 M40x1,5			M45	M42x1,5 M42x2	
NA0440A-AA	1 1/4"	M42	M42x1,5			M48		
NA0473A-AA							M48x1,5 M48x2	
NA0480A-AA		M45	M45x1,5			M52		
NA0490A-AA	1 1/2"							
NA0507A-AA						M56	M52x1,5 M52x2	
NA0543A-AA							M56x3,0	
NA0558A-AA	1 3/4"					M60	M58x3,0	
NA0576A-AA					2"			
NA0607A-AA	2"							
NA0633A-AA						M68		
NA0684A-AA	2 1/4"							
NA0704A-AA			M68x1,5					
NA0717A-AA			M68x1,5				M76x4,0	
NA0771A-AA	2 1/2"							
NA0845A-AA	2 3/4"		M80x1,5					
NA0973A-AA			M95x2,0					
NA1071A-AA							M110x4,0	
NA1122A-AA			M110x4,0					
NA1325A-AA	4 1/2"						M135x4,0	
NA1440A-AA	5"		M135x2,0 M140x6,0				M145x4,0	
NA1487A-AA			M145x4,0					
NA1579A-AA	5 1/2"						M160x6,0	
NA1605A-AA							M165x6,0	
NA1653A-AA			M160x6,0		6"			
NA1643A-AA			M160x6,0					
NA1711A-AA							M175x6,0	
NA1759A-AA			M175x6,0					
NA1857A-AA			M180x6,0				M190x6,0	
NA1934A-AA			M190x6,0				M195x6,0	
NA2008A-AA							M205x6,0	
NA2114A-AA							M215x6,0	
NA2137A-AA			M205x6,0				M215x4,0	
NA2210A-AA			M215x6,0				M225x6,0	
NA2270A-AA			M220x6,0				M230x6,0	
NA2480A-AA			M240x6,0				M250x6,0	
NA2571A-AA			M250x6,0				M260x6,0	
NA2770A-AA			M270x6,0				M280x6,0	
NA2673A-AA			M260x6,0				M270x6,0	
NA2901A-AA							M290x6,0	

Universal Protectors (NA)

Breathable membranes

General closure in conical shape for multi-dimensional fit as a cap or plug for internal or external protection. The product can be supplied with a vent hole if required. Some sizes are available in soft materials or high temperature-resistant versions. New solution with a breathable membrane is also available. It provides full protection of pipe ends and at the same time allowing air to circulate through the vent hole.

Applications:

NA range is recommended for protection of every kind of connection port and inspection holes or fittings in hydraulic applications.

Main features:



Ideal solution for connection port and inspection holes



Suitable for Hydraulics & Pipes segment



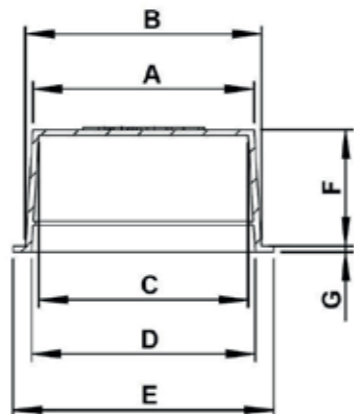
Excellent protection against UV light, water & contamination



Made of LDPE



Easy mounting & dismantling



Properties

Standard colour: Red
Standard material: LDPE

DBI Ref.	A mm	B mm	C mm	D mm	E mm	F mm	External diameter of pipe in mm	SDR-Standard Dimension Ratio	QTY Bag/Box
NA0327N-AA	30,9	33,2	29,6	31,5	35,5	17,8	40,0	11,0	250/5000
NA0349N-AA	33,1	35,2	31,7	33,4	39,5	16,7	40,0	17,0	250/4000
NA0419N-AA	39,3	42,2	38,0	40,8	46,8	19,9	50,0	11,0	250/2750
NA0507N-AA	49,6	51,8	47,8	50,1	56,5	18,8	63,0	11,0	100/1800
NA0558N-AA	51,7	55,5	50,1	53,4	58,2	19,6	63,0	17,0	100/1900
NA0569N-AA	52,5	56,9	50,3	54,7	60,7	26,0	63,0	17,0	1200/1200
NA0633N-AA	59,6	63,7	58,1	62,0	70,0	18,8	75,0	11,0	100/1200
NA0665N-AA	62,7	66,5	61,1	64,6	69,0	19,7	75,0	17,0	100/1400
NA0684N-AA	66,1	68,4	64,2	66,7	72,7	19,8	75,0	17,0	100/1100
NA0704N-AA	67,7	70,4	66,2	69,0	74,2	20,8	75,0	26,0	100/1000
NA0732N-AA	70,1	74,3	69,2	71,8	78,1	20,7	90,0	11,0	50/900
NA0808N-AA	77,9	80,3	76,1	78,1	84,8	20,4	90,0	17,0	50/800
NA0895N-AA	87,7	90,5	85,8	88,6	95,0	21,8	90,0	26,0	50/550
NA0896N-AA	88,0	90,9	86,6	89,0	95,0	21,8	110,0	11,0	50/550
NA0984N-AA	96,3	99,2	93,2	97,6	104,2	22,5	110,0	17,0	250/2500
NA0973N-AA	94,2	97,3	92,0	96,0	100,5	23,8	110,0	17,0	250/2500
NA1024N-AA	102,0	102,5	95,0	100,6	108,8	25,2	125,0	11,0	400/400
NA1024N-AA	102,0	102,5	95,0	100,6	108,8	25,2	110,0	26,0	400/400
NA1107N-AA	103,9	110,7	102,1	108,4	113,7	31,5	125,0	17,0	200/2000
NA1123N-BA	109,4	112,3	107,2	110,6	117,2	24,0	125,0	17,0	250/2500
NA1146N-AA	112,9	115,5	110,0	113,5	119,5	24,3	125,0	26,0	200/2000
NA1146N-AA	112,9	115,5	110,0	113,5	119,5	24,3	140,0	11,0	200/2000
NA1261N-AA	123,5	126,1	121,5	124,5	137,0	24,9	140,0	17,0	150/1350
NA1244N-AA	118,2	124,4	116,0	122,2	129,3	36,8	140,0	17,0	0/275
NA1325N-AA	126,2	133,6	123,4	130,6	143,5	26,5	140,0	26,0	100/1000
NA1325N-AA	126,2	133,6	123,4	130,6	143,5	26,5	160,0	11,0	100/1000
NA1440N-AA	135,4	145,4	133,4	143,1	156,1	35,2	160,0	17,0	150/1350
NA1487N-AA	142,8	148,7	141,4	146,9	152,5	28,5	160,0	26,0	100/1000
NA1487N-AA	142,8	148,7	141,4	146,9	152,5	28,5	180,0	11,0	100/1000
NA1605N-AA	158,5	160,5	156,1	158,7	168,9	27,3	180,0	17,0	100/1000
NA1643N-AA	160,8	164,3	157,0	161,0	170,6	38,0	200,0	11,0	75/750
NA1682N-AA	165,5	168,2	160,3	163,7	175,0	27,3	180,0	26,0	75/750
NA1759N-AA	172,6	178,3	169,9	175,2	185,5	27,6	200,0	17,0	75/675
NA1857N-AA	178,8	185,7	176,3	183,7	193,8	35,1	200,0	26,0	75/750
NA1857N-AA	178,8	185,7	176,3	183,7	193,8	35,1	225,0	11,0	75/750
NA2020N-AA	193,0	201,5	189,8	198,6	219,0	31,5	225,0	17,0	50/500
NA2039N-AA	199,5	203,9	196,9	200,9	218,0	33,2	250,0	11,0	50/500
NA2086N-AA	203,9	208,6	201,0	205,0	222,4	32,9	225,0	26,0	50/450
NA2210N-AA	213,0	221,0	209,8	217,8	231,0	40,0	250,0	17,0	50/500
NA2332N-AA	220,0	234,0	219,6	232,0	252,0	32,5	250,0	26,0	45/450
NA2332N-AA	220,0	234,0	219,6	232,0	252,0	32,5	280,0	11,0	45/450
NA2480N-AA	241,2	248,0	238,2	245,5	259,5	45,0	280,0	17,0	30/300
NA2630N-AA	248,0	263,0	247,4	260,3	280,0	41,5	280,0	26,0	30/300
NA2630N-AA	248,0	263,0	247,4	260,3	280,0	41,5	315,0	11,0	30/300
NA2816N-BA	272,0	282,0	270,0	279,4	300,0	48,5	315,0	17,0	30/240
NA2901N-BA	282,4	290,1	278,4	285,6	297,7	40,3	355,0	11,0	30/300