

DESIGN ENVELOPE | PART NUMBER MATRIX

File No: 100.701
 Date: MAY 25, 2012
 Supersedes: NEW
 Date: NEW

The Design Envelope part number

08015NELBYXXFXXX

The first three digits represent the Design Envelope model (series/size/impeller trim/hp/rpm)

The remaining 13 digits cover information normally found in a quote or submittal data to detail the unit (pump construction/voltage/enclosures/etc)

The three digit unit reference is listed in the tables on page 2 & 3 (PN by model and model by PN)

Pumping units can be built from part number ID alone.

EXAMPLE

[4300 DE IVS 0610-020.04]

[4300 6x6x10 20hp 1800rpm 10.19" imp 40L/s @ 27m] BF 60/3/575V Indoor [ODP UL12] BACnet disc FL filter

Part number: 08015NELBYXXFXXX

With pump size SG/FTV: 08015NEGBYXXFXSF

CATEGORY	DIGIT	SPECIFICATION	PART # DIGIT
Series	1, 2 & 3	4300	002-200
		4380	202-249
		4302	252-338
		4382	340-378
		4392	
		4312	
Size/hp/rpm/Integrated/Loose		Common with model	
Speed for application		Set duty speed	
Pump construction	4	BF ANSI 125	1
		BF PN 16	2
		DBF ANSI 250	3
		DBF PN 25	4
Input voltage/Hz/ph	5	230/60/1	1
		208-230/60/3	2
		380/60/3	3
		460/60/3	4
		575/60/3	5
		240/50/1	6
		380-415/50/3	7
Location (Indoor ODP/UL12; Outdoor TEFC/UL4XWS)	6	Indoor	N
		Outdoor	T
Orientation - 4300 Controls (STD - Top view: NE with pump discharge N)	7	STD	E
		+90° Clockwise	S
		+180° Clockwise	W
		+270° Clockwise	N
Units of measure	8	USgpm @ ft	G
		L/s @ m	L
		m ³ /h @ m	M
Control protocol	9	Modbus	M
		BACnet	B
		LonWorks	L
		JCI	J
Disconnect	10	Siemens	S
		Yes	Y
		No	N
Seal for application - Close coupled pumps only (4380/4382)	11	C/sc	S
		AC/sc	H
		SC/sc	G
		Not applicable	X
Available options	12	Alternation (Duty/Standby)	A
		NO - Alternation	X
		Flush line filter/SFI	F
Available options	13	Flush line separator/SFI	S
		NO - Flush line access	X
Available options	14	Test certificate	C
		Witnessed testing	W
		NO - Special testing	X
Available options	15	Pump size SG-FLGD	S
		Reducing SG-FLGD	R
		NO - SG	X
Available options	16	Pump size FTV-FLGD	F
		Size larger FTV-FLGD	L
		NO - FTV	X

DE PART NUMBER

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Design Envelope part number by model

4300/4380 IVS DESIGN ENVELOPE - 2011

VIL DE model number	Series	4300 part number	4380 part number
1506-003.02	4300/4380	002	202
1506-005.02	4300/4380	003	203
0206-005.02	4300/4380	006	206
0206-007.52	4300/4380	007	207
0206-010.02	4300	008	
0206-001.04	4300/4380	009	209
0206-001.54	4300/4380	010	210
0306-010.02	4300	013	
0306-015.02	4300	014	
0306-001.04	4300/4380	015	213
0306-001.54	4300/4380	016	214
0306-002.04	4300/4380	017	215
0406-015.02	4300	020	
0406-020.02	4300	021	
0406-025.02	4300	022	
0406-002.04	4300/4380	023	218
0406-003.04	4300/4380	024	219
1508-007.52	4300/4380	027	220
1508-010.02	4300	028	
1508-015.02	4300	029	
1508-001.04	4300/4380	030	223
1508-001.54	4300/4380	031	224
0208-015.02	4300	034	
0208-020.02	4300	035	
0208-025.02	4300	036	
0208-001.54	4300/4380	033	226
0208-002.04	4300/4380	037	227
0208-003.04	4300/4380	038	228
0208-005.04	4300/4380	039	229
0308-015.02	4300	042	
0308-020.02	4300	043	
0308-025.02	4300	044	
0308-030.02	4300	045	
0308-040.02	4300	046	
0308-003.04	4300/4380	047	232
0308-005.04	4300/4380	048	233
0308-007.54	4300/4380	049	234
0408-060.02	4300	052	
0408-075.02	4300	053	
0408-007.54	4300/4380	054	237
0408-010.04	4300	055	
0508-030.02	4300	058	
0508-040.02	4300	059	
0508-050.02	4300	060	
0508-005.04	4300/4380	061	240
0508-007.54	4300/4380	062	241
0210-003.04	4300/4380	064	246
0210-005.04	4300/4380	065	242
0210-007.54	4300/4380	066	243
0310-005.04	4300/4380	069	244
0310-007.54	4300/4380	070	245
0310-010.04	4300	071	
0610-075.02	4300	074	
0610-100.02	4300	075	
0610-125.02	4300	076	
0610-150.02	4300	077	
0610-010.04	4300	078	
0610-015.04	4300	079	
0610-020.04	4300	080	
0810-025.04	4300	083	
0810-030.04	4300	084	
0810-040.04	4300	085	
0810-050.04	4300	086	
0411-015.04	4300	089	
0411-020.04	4300	090	
0611-020.04	4300	093	
0611-025.04	4300	094	
0611-030.04	4300	095	
0611-040.04	4300	096	
0611-005.06	4300/4380	097	248
0611-007.56	4300/4380	098	249

4300/4380 IVS DESIGN ENVELOPE - 2011

VIL DE model number	Series	4300 part number	4380 part number
0811-050.04	4300	101	
0811-060.04	4300	102	
0811-020.06	4300	103	
0613-040.04	4300	106	
0613-050.04	4300	107	
0613-060.04	4300	108	
0813-040.04	4300	110	
0813-050.04	4300	111	
0813-060.04	4300	112	
0813-075.04	4300	113	
1013-075.04	4300	116	
1013-100.04	4300	117	
1013-125.04	4300	118	
1013-150.04	4300	119	
1213-100.04	4300	122	
1213-125.04	4300	123	
1213-150.04	4300	124	
1213-200.04	4300	125	
0815-100.04	4300	128	
0815-125.04	4300	129	
0815-150.04	4300	130	
0815-030.06	4300	131	
0815-040.06	4300	132	
1015-125.04	4300	135	
1015-150.04	4300	136	
1015-200.04	4300	137	
1015-250.04	4300	138	
1015-060.06	4300	139	
1015-075.06	4300	140	
1415-250.04	4300	143	
1415-300.04	4300	144	
1415-350.04	4300	145	
1415-400.04	4300	146	
1415-450.04	4300	147	
1415-100.06	4300	148	
1415-125.06	4300	149	
1415-150.06	4300	150	
1615-250.04	4300	153	
1615-300.04	4300	154	
1615-350.04	4300	155	
1615-400.04	4300	156	
1615-450.04	4300	157	
1615-125.06	4300	158	
1615-150.06	4300	159	
1615H-150.06	4300	162	
1615H-200.06	4300	163	
1615L-300.04	4300	166	
1615L-350.04	4300	167	
1615L-400.04	4300	168	
1615L-450.04	4300	169	
1217-200.04	4300	172	
1217-250.04	4300	173	
1217-300.04	4300	174	
1217-350.04	4300	175	
1217-400.04	4300	176	
1217-450.04	4300	177	
1217-500.04	4300	178	
1217-100.06	4300	179	
1217-125.06	4300	180	
1217-150.06	4300	181	
1619-500.04	4300	184	
1619-600.04	4300	185	
1619-700.04	4300	186	
1619-800.04	4300	187	
1619-900.04	4300	188	
1619-250.06	4300	189	
2019-800.04	4300	192	
2019-900.04	4300	193	
2019-1000.04	4300	194	
2019-1250.04	4300	195	
2019-400.06	4300	196	
2019-450.06	4300	197	
2019-500.06	4300	198	
2019-600.06	4300	199	
2019-700.06	4300	200	

4302/4382 IVS DESIGN ENVELOPE - 2011

DUALARM DE model number	Series	4302 part number	4382 part number
0306-005.02	4302/4382	252	340
0306-007.52	4302/4382	253	341
0306-010.02	4302	254	
0306-001.04	4302/4382	255	343
0306-001.54	4302/4382	256	344
0406-010.02	4302	259	
0406-015.02	4302	260	
0406-001.04	4302/4382	261	347
0406-001.54	4302/4382	262	348
0406-002.04	4302/4382	263	349
0606-015.02	4302	266	
0606-020.02	4302	267	
0606-025.02	4302	268	
0606-002.04	4302/4382	269	352
0606-003.04	4302/4382	270	353
0308-015.02	4302	273	
0308-020.02	4302	274	
0308-025.02	4302	275	
0308-001.54	4302/4382	279	355
0308-002.04	4302/4382	276	356
0308-003.04	4302/4382	277	357
0308-005.04	4302/4382	278	358
0408-015.02	4302	281	
0408-020.02	4302	282	
0408-025.02	4302	283	
0408-030.02	4302	284	
0408-040.02	4302	285	
0408-003.04	4302/4382	286	361
0408-005.04	4302/4382	287	362
0408-007.54	4302/4382	288	363
0608-007.54	4302/4382	293	366
0608-010.04	4302	294	
0808-007.52	4302/4382	297	369
0808-010.04	4302	298	
0808-015.04	4302	299	
0310-003.04	4302/4382	301	371
0310-005.04	4302/4382	302	372
0310-007.54	4302/4382	303	373
0410-005.04	4302/4382	306	376
0410-007.54	4302/4382	307	377
0410-010.04	4302	308	
0610-050.02	4302	311	
0610-060.02	4302	312	
0610-075.02	4302	313	
0610-005.04	4302/4382	314	380
0610-007.54	4302/4382	315	381
0610-010.04	4302	316	
0610-015.04	4302	317	
0810-075.02	4302	320	
0810-100.02	4302	321	
0810-125.02	4302	322	
0810-150.02	4302	323	
0810-010.04	4302	324	
0810-015.04	4302	325	
0810-020.04	4302	326	
0811-020.04	4302	329	
0811-025.04	4302	330	
0811-030.04	4302	331	
0811-040.04	4302	332	
0811-005.06	4302/4382	333	384
0811-007.56	4302/4382	334	385
0813-040.04	4302	337	
0813-050.04	4302	338	
0813-060.04	4302	339	

Design Envelope model by part number

DE PART NUMBER	DE MODEL NUMBER	MODEL SERIES	SIZES	MOTOR		FRAME SIZE		FLOW USgpm	HEAD FT	EFFICIENCY	RPM	IMP DIA OPTIMIZED*
				SIZE-HP	RPM	ODP	TEFC					
002	1506-003.02	4300	1.5×1.5×6	3	3600	145	182	78.9	82.8	54.9	3500	5.24
003	1506-005.02	4300	40-150	5	3600	182	184	77.5	126.0	52.5	3500	6.19*
006	0206-005.02	4300		5	3600	182	184	137.1	84.5	58.4	3500	5.11
007	0206-007.52	4300		7.5	3600	184	213	157.0	118.9	63.0	3500	5.81
008	0206-010.02	4300	2×2×6	10	3600	213	215	171.0	149.5	66.1	3500	6.19*
009	0206-001.04	4300	50-150	1	1800	143	143	81.0	30.8	63.1	1740	5.90
010	0206-001.54	4300		1.5	1800	145	145	85.7	34.9	63.2	1740	6.19
013	0306-010.02	4300		10	3600	213	215	338.6	87.2	74.8	3500	5.69
014	0306-015.02	4300		15	3600	215	254	365.3	109.6	76.8	3500	6.19
015	0306-001.04	4300	3×3×6	1	1800	143	143	159.1	18.3	73.5	1740	5.35
016	0306-001.54	4300	80-150	1.5	1800	145	145	177.9	25.5	76.2	1740	6.05
017	0306-002.04	4300		2	1800	145	145	190.0	29.8	76.8	1824	6.19
020	0406-015.02	4300		15	3600	215	254	508.0	81.7	70.1	3500	5.65
021	0406-020.02	4300		20	3600	254	256	556.0	103.0	72.8	3500	6.12
022	0406-025.02	4300	4×4×6	25	3600	256	284	597.0	121.0	73.1	3531	6.19*
023	0406-002.04	4300	100-150	2	1800	145	145	257.5	21.0	69.1	1740	5.75
024	0406-003.04	4300		3	1800	182	182	292.0	29.0	71.4	1740	6.19
027	1508-007.52	4300		7.5	3600	184	213	128.6	128.2	55.5	3500	6.35
028	1508-010.02	4300		10	3600	213	215	140.9	159.4	56.6	3500	7.08
029	1508-015.02	4300	1.5×1.5×8	15	3600	215	254	159.3	210.6	56.6	3500	8.15
030	1508-001.04	4300	40-200	1	1800	143	143	44.6	46.1	52.2	1740	7.43
031	1508-001.54	4300		1.5	1800	145	145	51.4	62.8	54.5	1818	8.19
033	0208-001.54	4300		1.5	1800	145	145	98.7	35.45	60.2	1740	6.50
034	0208-015.02	4300		15	3600	215	254	219.0	166.9	61.7	3500	6.99
035	0208-020.02	4300		20	3600	254	256	247.7	206.7	64.5	3500	7.67
036	0208-025.02	4300	2×2×8	25	3600	256	284	270.4	241.0	66.7	3500	8.19
037	0208-002.04	4300	50-200	2	1800	145	145	112.9	43.9	62.6	1740	7.13
038	0208-003.04	4300		3	1800	182	182	133.6	57.2	64.2	1740	7.98
039	0208-005.04	4300		5	1800	184	184	145	67	64.4	1825	8.19
042	0308-015.02	4300		15	3600	215	254	400.0	108.4	73.1	3500	5.99
043	0308-020.02	4300		20	3600	254	256	441.3	135.2	75.3	3500	6.59
044	0308-025.02	4300		25	3600	256	284	476.0	160.5	77.0	3500	7.09
045	0308-030.02	4300	3×3×8	30	3600	284	286	505.2	184.1	78.4	3500	7.51
046	0308-040.02	4300	80-200	40	3600	286	324	548.3	222.4	80.2	3500	8.13
047	0308-003.04	4300		3	1800	182	182	251.0	35.6	75.8	1740	6.83
048	0308-005.04	4300		5	1800	184	184	290.0	55.3	80.8	1740	8.02
049	0308-007.54	4300		7.5	1800	213	213	305.0	63.3	80.4	1810	8.19
052	0408-060.02	4300		60	3600	326	364	1021.2	182.1	78.3	3550	7.49
053	0408-075.02	4300	4×4×8	75	3600	364	365	1103.4	213.5	79.2	3550	8.03
054	0408-007.54	4300	100-200	7.5	1800	213	213	481.6	48.7	78.8	1740	7.85
055	0408-010.04	4300		10	1800	215	215	545	57.6	79.5	1793	8.19
058	0508-030.02	4300		30	3600	284	286	661.5	136.5	76.1	3520	6.90
059	0508-040.02	4300		40	3600	286	324	733.6	165.9	76.7	3520	7.56
060	0508-050.02	4300	5×5×8	50	3600	324	326	792.2	192.0	76.9	3520	8.09
061	0508-005.04	4300	125-200	5	1800	184	184	367.0	41.5	76.7	1740	7.64
062	0508-007.54	4300		7.5	1800	213	213	415.0	53.0	76.9	1824	8.19
064	0210-003.04	4300		3	1800	182	182	101	64.5	56.0	1740	8.63
065	0210-005.04	4300	2×2×10	5	1800	184	184	128	90	58.6	1740	10.12
066	0210-007.54	4300	50-250	7.5	1800	213	213	136	100	58.7	1825	10.19
069	0310-005.04	4300		5	1800	184	184	198.1	67.9	67.9	1740	8.54
070	0310-007.54	4300	3×3×10	7.5	1800	213	213	236.1	88.2	69.9	1740	9.64
071	0310-010.04	4300	80-250	10	1800	215	215	254.9	98.8	71.3	1740	10.16
074	0610-075.02	4300		75	3600	364	365	874.4	241.7	79.1	3550	8.48
075	0610-100.02	4300		100	3600	365	405	1075.5	294	80.1	3550	9.21
076	0610-125.02	4300		125	3600	404	444	1160.5	342.4	80.5	3550	9.82
077	0610-150.02	4300	6×6×10	150	3600	405	405	1234.0	387.0	80.6	3604	10.19
078	0610-010.04	4300	150-250	10	1800	215	215	510.4	63.3	81.7	1760	8.75
079	0610-015.04	4300		15	1800	254	254	610.3	81	83.3	1760	9.74
080	0610-020.04	4300		20	1800	256	256	658.2	90	83.4	1760	10.19
083	0810-025.04	4300		25	1800	284	284	1345	57.5	78.3	1760	8.89
084	0810-030.04	4300	8×8×10	30	1800	286	286	1470	66	81.8	1760	9.40
085	0810-040.04	4300	200-250	40	1800	324	324	1678.5	80	84.8	1760	10.19
086	0810-050.04	4300		50	1800	326	326	1759	88	84.8	1846	10.19
089	0411-015.04	4300	4×4×11.5	15	1800	254	254	397.3	113.6	75.9	1760	11.03
090	0411-020.04	4300	100-290	20	1800	256	256	441	135.5	76.0	1835	11.50
093	0611-020.04	4300		20	1800	256	256	796	82.8	83.1	1760	10.00
094	0611-025.04	4300		25	1800	284	284	872.7	95.3	83.9	1760	10.78
095	0611-030.04	4300	6×6×11.5	30	1800	286	286	939.4	106.4	84.3	1760	11.44
096	0611-040.04	4300	150-290	40	1800	324	324	1000.0	117.0	84.3	1843	11.50
097	0611-005.06	4300		5	1200	215	215	496.1	33.0	82.6	1160	9.55
098	0611-007.56	4300		7.5	1200	254	254	585	42.5	84.0	1160	10.92
101	0811-050.04	4300		50	1800	326	326	1804	91.9	83.8	1770	10.89
102	0811-060.04	4300	8×8×11.5	60	1800	364	364	1909.0	104.0	83.9	1770	11.50
103	0811-020.06	4300	200-290	20	1200	286	286	1295.0	48.4	83.3	1170	11.50

Design Envelope model by part number

DE PART NUMBER	DE MODEL NUMBER	MODEL SERIES	SIZES	MOTOR		FRAME SIZE		FLOW USgpm	HEAD FT	EFFICIENCY	RPM	IMP DIA OPTIMIZED*
				SIZE-HP	RPM	ODP	TEFC					
106	0613-040.04	4300		40	1800	324	324	1048	123	81.6	1765	12.34
107	0613-050.04	4300	6×6×13	50	1800	326	326	1160	138	81.1	1765	13.11
108	0613-060.04	4300	150-330	60	1800	364	364	1230	154.5	81.0	1853	13.19
110	0813-040.04	4300		40	1800	324	324	1475	84.5	79.1	1770	11.04
111	0813-050.04	4300	8×8×13	50	1800	326	326	1550	100.5	79.3	1770	11.85
112	0813-060.04	4300	200-330	60	1800	364	364	1603	117.1	79.4	1770	12.58
113	0813-075.04	4300		75	1800	365	365	1690	139	79.2	1816	13.19
116	1013-075.04	4300		75	1800	365	365	2548.1	94	80.8	1770	11.27
117	1013-100.04	4300	10×10×13	100	1800	404	405	2820.7	113	81.1	1770	12.33
118	1013-125.04	4300	250-330	125	1800	405	444	3003	136.1	82.6	1770	13.18
119	1013-150.04	4300		150	1800	444	445	3150	150	82.7	1853	13.19
122	1213-100.04	4300		100	1800	404	405	3720	85	80.1	1780	10.80
123	1213-125.04	4300	12×12×13	125	1800	405	444	3950	103	82.3	1780	11.52
124	1213-150.04	4300	300-330	150	1800	444	445	4138	119.5	83.5	1780	12.13
125	1213-200.04	4300		200	1800	445	447	4465.0	149	84.1	1787	13.00
128	0815-100.04	4300		100	1800	404	405	1761.7	180.4	80.6	1770	14.00
129	0815-125.04	4300	8×8×15	125	1800	405	444	1935.1	209.7	82.0	1770	15.03
130	0815-150.04	4300	200-375	150	1800	444	445	2072.0	236.5	82.5	1829	15.50
131	0815-030.06	4300		30	1200	326	326	1188.3	81.2	81.1	1170	14.26
132	0815-040.06	4300		40	1200	364	364	1325.9	96.8	82.5	1170	15.50
135	1015-125.04	4300		125	1800	405	444	3204	127.7	82.8	1780	12.67
136	1015-150.04	4300		150	1800	444	445	3420.8	144.1	83.4	1780	13.33
137	1015-200.04	4300	10×10×15	200	1800	445	447	3787.1	175.3	84.2	1780	14.45
138	1015-250.04	4300	250-375	250	1800	447	449	4085.0	206.0	85.1	1780	15.45
139	1015-060.06	4300		60	1200	404	404	2535.0	78.5	84.1	1175	14.63
140	1015-075.06	4300		75	1200	405	405	2736	92.8	85.6	1175	15.5*
143	1415-250.04	4300		250	1800	447	449	7253	113.6	83.5	1780	12.76
144	1415-300.04	4300		300	1800	449	449	7725	132.5	86.0	1780	13.65
145	1415-350.04	4300		350	1800	500	500	8114.6	149.6	87.7	1780	14.44
146	1415-400.04	4300	14×14×15	400	1800	447	500	8464.6	166.3	88.9	1780	15.13
147	1415-450.04	4300	350-380	450	1800	500	500	8771.2	182.0	89.7	1780	15.75
148	1415-100.06	4300		100	1200	444	444	5342.7	64.6	87.5	1180	14.35
149	1415-125.06	4300		125	1200	445	445	5730	77.2	89.4	1180	15.50
150	1415-150.06	4300		150	1200	447	447	6055	88.6	90.4	1180	15.90
153	1615-250.04	4300		250	1800	447	449	8806.6	84.7	75.4	1780	11.54
154	1615-300.04	4300		300	1800	449	449	9457.9	98.9	79.1	1780	12.43
155	1615-350.04	4300		350	1800	500	500	10031.5	113.2	82.1	1780	13.27
156	1615-400.04	4300	16×16×15	400	1800	447	500	10501.4	126.9	84.3	1780	14.06
157	1615-450.04	4300	400-380	450	1800	500	500	10869.2	140.1	85.7	1780	14.82
158	1615-125.06	4300		125	1200	445	445	7109.5	59.1	85.2	1180	14.51
159	1615-150.06	4300		150	1200	447	447	7450.0	69.3	87.0	1180	15.3*
162	1615H-150.06	4300	16×16×15H	150	1200	447	447	7902.2	65.6	87.3	1180	14.03
163	1615H-200.06	4300	400-380H	200	1200	449	449	8625.3	80.8	88.1	1180	15.21
166	1615L-300.04	4300		300	1800	449	449	8555	111.7	80.5	1780	13.10
167	1615L-350.04	4300	16×16×15L	350	1800	500	500	8887.2	130.9	84.2	1780	14.11
168	1615L-400.04	4300	400-380L	400	1800	447	500	9150.1	151.2	87.4	1780	15.06
169	1615L-450.04	4300		450	1800	500	500	9350	171.5	90.1	1780	15.3*
172	1217-200.04	4300		200	1800	445	447	5215.6	130.9	86.4	1780	12.59
173	1217-250.04	4300		250	1800	447	449	5413.2	161.9	88.6	1780	13.76
174	1217-300.04	4300		300	1800	449	449	5569.6	187.7	88.8	1780	14.77
175	1217-350.04	4300		350	1800	500	500	5754.7	212.7	88.3	1780	15.65
176	1217-400.04	4300	12×12×17	400	1800	447	500	5956.6	234.2	87.9	1780	16.43
177	1217-450.04	4300	300-430	450	1800	500	500	6177.6	254	88.0	1780	17.08
178	1217-500.04	4300		500	1800	500	500	6265.2	261.2	88.1	1780	17.30
179	1217-100.06	4300		100	1200	444	444	3800.0	92.0	88.3	1180	15.55
180	1217-125.06	4300		125	1200	445	445	4027.8	107.8	87.9	1180	16.80
181	1217-150.06	4300		150	1200	447	447	4153.4	114.8	88.1	1180	17.30
184	1619-500.04	4300		500	1800	500	500	8638	191.5	83.7	1780	15.71
185	1619-600.04	4300		600	1800	500	500	9157	221	85.2	1780	16.70
186	1619-700.04	4300	16×16×19	700	1800	500	500	9655	247.5	86.3	1780	17.53
187	1619-800.04	4300	400-480	800	1800	500	500	10170	271	87.0	1780	18.32
188	1619-900.04	4300		900	1800	500	500	10634.0	290.6	87.4	1780	19.00
189	1619-250.06	4300		250	1200	449	449	6928.0	124.5	87.3	1180	18.75
192	2019-800.04	4300		800	1500	500	500	19225	133.8	81.3	1480	16.78
193	2019-900.04	4300		900	1500	500	500	19600	149.7	82.4	1480	17.72
194	2019-1000.04	4300		1000	1500	500	500	19960	165.5	83.5	1480	18.62
195	2019-1250.04	4300		1250	1500	600	600	21150.0	201.0	86.0	1480	20.46
196	2019-400.06	4300	20×20×19	400	1200	500	500	15290.0	84.0	81.1	1180	16.69
197	2019-450.06	4300	500-480	450	1200	500	500	15600	93.8	82.2	1180	17.58
198	2019-500.06	4300		500	1200	500	500	15875	103.8	83.3	1180	18.50
199	2019-600.06	4300		600	1200	500	500	16565	122.5	85.4	1180	20.06
200	2019-700.06	4300		700	1200	500	500	17530	137.2	86.8	1180	20.6*
202	1506-003.02	4380	1.5×1.5×6	3	3600	145	182	78.9	82.8	54.9	3500	5.24
203	1506-005.02	4380	40-150	5	3600	182	184	77.5	126.0	52.5	3500	6.19*

Design Envelope model by part number

DE PART NUMBER	DE MODEL NUMBER	MODEL SERIES	SIZES	MOTOR		FRAME SIZE		FLOW USgpm	HEAD FT	EFFICIENCY	RPM	IMP DIA OPTIMIZED*
				SIZE-HP	RPM	ODP	TEFC					
206	0206-005.02	4380		5	3600	182	184	137.1	84.5	58.4	3500	5.11
207	0206-007.52	4380	2x2x6	7.5	3600	184	213	157.0	118.9	63.0	3500	5.81
209	0206-001.04	4380	50-150	1	1800	143	143	81.0	30.8	63.1	1740	5.90
210	0206-001.54	4380		1.5	1800	145	145	85.7	34.9	63.2	1740	6.19
213	0306-001.04	4380		1	1800	143	143	159.1	18.3	73.5	1740	5.35
214	0306-001.54	4380	3x3x6	1.5	1800	145	145	177.9	25.5	76.2	1740	6.05
215	0306-002.04	4380	80-150	2	1800	145	145	190.0	29.8	76.8	1824	6.19
218	0406-002.04	4380	4x4x6	2	1800	145	145	257.5	21.0	69.1	1740	5.75
219	0406-003.04	4380	100-150	3	1800	182	182	292.0	29.0	71.4	1740	6.19
220	1508-007.52	4380		7.5	3600	184	213	128.6	128.2	55.5	3500	6.35
223	1508-001.04	4380	1.5x1.5x8	1	1800	143	143	44.6	46.1	52.2	1740	7.43
224	1508-001.54	4380	40-200	1.5	1800	145	145	51.4	62.8	54.5	1818	8.19
226	0208-001.54	4380		1.5	1800	145	145	98.7	35.45	60.2	1740	6.50
227	0208-002.04	4380	2x2x8	2	1800	145	145	112.9	43.9	62.6	1740	7.13
228	0208-003.04	4380	50-200	3	1800	182	182	133.6	57.2	64.2	1740	7.98
229	0208-005.04	4380		5	1800	184	184	145	67	64.4	1825	8.19
232	0308-003.04	4380		3	1800	182	182	251.0	35.6	75.8	1740	6.83
233	0308-005.04	4380	3x3x8	5	1800	184	184	290.0	55.3	80.8	1740	8.02
234	0308-007.54	4380	80-200	7.5	1800	213	213	305.0	63.3	80.4	1810	8.19
237	0408-007.54	4380	4x4x8	7.5	1800	213	213	481.6	48.7	78.8	1740	7.85
240	0508-005.04	4380	5x5x8	5	1800	184	184	367.0	41.5	76.7	1740	7.64
241	0508-007.54	4380	125-200	7.5	1800	213	213	415.0	53.0	76.9	1824	8.19
242	0210-005.04	4380	2x2x10	5	1800	184	184	128	90	58.6	1740	10.12
243	0210-007.54	4380	50-250	7.5	1800	213	213	136	100	58.7	1825	10.19
244	0310-005.04	4380	3x3x10	5	1800	184	184	198.1	67.9	67.9	1740	8.54
245	0310-007.54	4380	80-250	7.5	1800	213	213	236.1	88.2	69.9	1740	9.64
246	0210-003.04	4380	2x2x10	3	1800	182	182	101	64.5	56.0	1740	8.63
248	0611-005.06	4380	6x6x11.5	5	1200	215	215	496.1	33.0	82.6	1160	9.55
249	0611-007.56	4380	150-290	7.5	1200	254	254	585	42.5	84.0	1160	10.92
252	0306-005.02	4302		5	3600	182	184	137.1	84.5	58.4	3500	5.11
253	0306-007.52	4302		7.5	3600	184	213	157.0	118.9	63.0	3500	5.81
254	0306-010.02	4302	3x3x6	10	3600	213	215	171.0	149.5	66.1	3500	6.19*
255	0306-001.04	4302	80-150	1	1800	143	143	81.0	30.8	63.1	1740	5.90
256	0306-001.54	4302		1.5	1800	145	145	85.7	34.9	63.2	1740	6.19
259	0406-010.02	4302		10	3600	213	215	338.6	87.2	74.8	3500	5.69
260	0406-015.02	4302		15	3600	215	254	365.3	109.6	76.8	3500	6.19
261	0406-001.04	4302	4x4x6	1	1800	143	143	159.1	18.3	73.5	1740	5.35
262	0406-001.54	4302	100-150	1.5	1800	145	145	177.9	25.5	76.2	1740	6.05
263	0406-002.04	4302		2	1800	145	145	190.0	29.8	76.8	1824	6.19
266	0606-015.02	4302		15	3600	215	254	508.0	81.7	70.1	3500	5.65
267	0606-020.02	4302		20	3600	254	256	556.0	103.0	72.8	3500	6.12
268	0606-025.02	4302	6x6x6	25	3600	256	284	597.0	121.0	73.1	3531	6.19*
269	0606-002.04	4302	150-150	2	1800	145	145	257.5	21.0	69.1	1740	5.75
270	0606-003.04	4302		3	1800	182	182	292.0	29.0	71.4	1740	6.19
273	0308-015.02	4302		15	3600	215	254	219.0	166.9	61.7	3500	6.99
274	0308-020.02	4302		20	3600	254	256	247.7	206.7	64.5	3500	7.67
275	0308-025.02	4302		25	3600	256	284	270.4	241.0	66.7	3500	8.19
276	0308-002.04	4302	3x3x8	2	1800	145	145	112.9	43.9	62.6	1740	7.13
277	0308-003.04	4302	80-200	3	1800	182	182	133.6	57.2	64.2	1740	7.98
278	0308-005.04	4302		5	1800	184	184	145	67	64.4	1825	8.19
279	0308-001.54	4302		1.5	1800	145	145	98.7	35.45	60.2	1740	6.50
281	0408-015.02	4302		15	3600	215	254	400.0	108.4	73.1	3500	5.99
282	0408-020.02	4302		20	3600	254	256	441.3	135.2	75.3	3500	6.59
283	0408-025.02	4302		25	3600	256	284	476.0	160.5	77.0	3500	7.09
284	0408-030.02	4302	4x4x8	30	3600	284	286	505.2	184.1	78.4	3500	7.51
285	0408-040.02	4302	100-200	40	3600	286	324	548.3	222.4	80.2	3500	8.13
286	0408-003.04	4302		3	1800	182	182	251.0	35.6	75.8	1740	6.83
287	0408-005.04	4302		5	1800	184	184	290.0	55.3	80.8	1740	8.02
288	0408-007.54	4302		7.5	1800	213	213	305.0	63.3	80.4	1810	8.19
293	0608-007.54	4302	6x6x8	7.5	1800	213	213	481.6	48.7	78.8	1740	7.85
294	0608-010.04	4302	150-200	10	1800	215	215	528.4	54.3	79.5	1740	8.19
297	0808-007.54	4302		7.5	1800	213	213	760.0	27.5	70.7	1750	6.52
298	0808-010.04	4302	8x8x8	10	1800	215	215	855	34.5	74.8	1750	7.18
299	0808-015.04	4302	200-200	15	1800	254	254	1010.0	47.5	81.0	1756	8.19
301	0310-003.04	4302		3	1800	182	182	101	64.5	56.0	1740	8.63
302	0310-005.04	4302	3x3x10	5	1800	184	184	128	90	58.6	1740	10.12
303	0310-007.54	4302	80-250	7.5	1800	213	213	136	100	58.7	1825	10.19
306	0410-005.04	4302		5	1800	184	184	198.1	67.9	67.9	1740	8.54
307	0410-007.54	4302	4x4x10	7.5	1800	213	213	236.1	88.2	69.9	1740	9.64
308	0410-010.04	4302	100-250	10	1800	215	215	254.9	98.8	71.3	1740	10.16

Design Envelope model by part number

DE PART NUMBER	DE MODEL NUMBER	MODEL SERIES	SIZES	MOTOR		FRAME SIZE		FLOW USgpm	HEAD FT	EFFICIENCY	RPM	IMP DIA OPTIMIZED*
				SIZE-HP	RPM	ODP	TEFC					
311	0610-050.02	4302		50	3600	324	326	548.0	252.5	50.0	3550	8.08
312	0610-060.02	4302		60	3600	326	364	583	286.6	70.4	3550	8.97
313	0610-075.02	4302		75	3600	364	365	630.0	334.0	70.6	3550	9.63
314	0610-005.04	4302	6x6x10	5	1800	184	184	250.0	55.0	70.1	1750	8.00
315	0610-007.54	4302	150-250	7.5	1800	213	213	293.0	71.8	71.0	1750	9.09
316	0610-010.04	4302		10	1800	215	215	329	86	71.6	1750	9.35
317	0610-015.04	4302		15	1800	254	254	360	99.5	71.8	1836	10.19
320	0810-075.02	4302		75	3600	364	365	874.4	241.7	79.1	3550	8.48
321	0810-100.02	4302		100	3600	365	405	1075.5	294	80.1	3550	9.21
322	0810-125.02	4302		125	3600	404	444	1160.5	342.4	80.5	3550	9.81
323	0810-150.02	4302	8x8x10	150	3600	405	405	1234.0	387.0	80.6	3604	10.19
324	0810-010.04	4302	200-250	10	1800	215	215	510.4	63.3	81.7	1760	8.75
325	0810-015.04	4302		15	1800	254	254	610.3	81	83.3	1760	9.74
326	0810-020.04	4302		20	1800	256	256	658.2	90	83.4	1760	10.19
329	0811-020.04	4302		20	1800	256	256	796	82.8	83.1	1760	10.00
330	0811-025.04	4302		25	1800	284	284	872.7	95.3	83.9	1760	10.78
331	0811-030.04	4302	8x8x11.5	30	1800	286	286	939.4	106.4	84.3	1760	11.44
332	0811-040.04	4302	200-290	40	1800	324	324	1000.0	117.0	84.3	1843	11.50
333	0811-005.06	4302		5	1200	215	215	496.1	33.0	82.6	1160	9.55
334	0811-007.56	4302		7.5	1200	254	254	585	42.5	84.0	1160	10.92
337	0813-040.04	4302		40	1800	324	324	945	130.5	77.9	1765	12.34
338	0813-050.04	4302	8x8x13	50	1800	326	326	1020	151	79.0	1765	13.11
339	0813-060.04	4302	200-330	60	1800	364	364	1230	154.3	79.0	1853	13.19
340	0306-005.02	4382		5	3600	182	184	137.1	84.5	58.4	3500	5.11
341	0306-007.52	4382	3x3x6	7.5	3600	184	213	157.0	118.9	63.0	3500	5.81
343	0306-001.04	4382	80-150	1	1800	143	143	81.0	30.8	63.1	1740	5.90
344	0306-001.54	4382		1.5	1800	145	145	85.7	34.9	63.2	1740	6.19
347	0406-001.04	4382		1	1800	143	143	159.1	18.3	73.5	1740	5.35
348	0406-001.54	4382	4x4x6	1.5	1800	145	145	177.9	25.5	76.2	1740	6.05
349	0406-002.04	4382	100-150	2	1800	145	145	190.0	29.8	76.8	1824	6.19
352	0606-002.04	4382	6x6x6	2	1800	145	145	257.5	21.0	69.1	1740	5.75
353	0606-003.04	4382	150-150	3	1800	182	182	292.0	29.0	71.4	1740	6.19
355	0308-001.54	4382		1.5	1800	145	145	98.7	35.45	60.2	1740	6.50
356	0308-002.04	4382	3x3x8	2	1800	145	145	112.9	43.9	62.6	1740	7.13
357	0308-003.04	4382	80-200	3	1800	182	182	133.6	57.2	64.2	1740	7.98
358	0308-005.04	4382		5	1800	184	184	145	67	64.4	1825	8.19
361	0408-003.04	4382	4x4x8	3	1800	182	182	251.0	35.6	75.8	1740	6.83
362	0408-005.04	4382	100-200	5	1800	184	184	290.0	55.3	80.8	1740	8.02
363	0408-007.54	4382		7.5	1800	213	213	305.0	63.3	80.4	1810	8.19
366	0608-007.54	4382	6x6x8	7.5	1800	213	213	481.6	48.7	78.8	1740	7.85
369	0808-007.54	4382	8x8x8	7.5	1800	213	213	760.0	27.5	70.7	1750	6.52
371	0310-003.04	4382		3	1800	182	182	101	64.5	56.0	1740	8.63
372	0310-005.04	4382	3x3x10	5	1800	184	184	128	90	58.6	1740	10.12
373	0310-007.54	4382	80-250	7.5	1800	213	213	136	100	58.7	1825	10.19
376	0410-005.04	4382	4x4x10	5	1800	184	184	198.1	67.9	67.9	1740	8.54
377	0410-007.54	4382	100-250	7.5	1800	213	213	236.1	88.2	69.9	1740	9.64
380	0610-005.04	4382	6x6x10	5	1800	184	184	250.0	55.0	70.1	1750	8.00
381	0610-007.54	4382	150-250	7.5	1800	213	213	293.0	71.8	71.0	1750	9.09
384	0811-005.06	4382	8x8x11.5	5	1200	215	215	496.1	33.0	82.6	1160	9.55
385	0811-007.56	4382	200-290	7.5	1200	254	254	585	42.5	84.0	1160	10.92

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