

Aluminium construction

4

3000 min⁻¹ (2 pole), 1500 min⁻¹ (4 pole) & 1000 min⁻¹ (6 pole)

Outputs conforming to IEC 60034

Specification

- Aluminium 56 to 160 frames
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard Voltage:
 - below 4kW: 230 / 400V
 - 4kW and above: 400 / 690V
- 3 phase, 50 Hz supply
- 150°C Thermostats on frame sizes 56 -112
- 160°C Thermistors on frame sizes 132 - 160
- Bearing located at non drive end
- Full two year warranty

Notes

For optional extras and variations to the standard product, please contact the Brook Crompton sales office.

Efficiency Notes

Frames sizes A-D - IE2 (0.75kW to 375kW)
Frames sizes B-D - IE1

2 pole (3000min ⁻¹)				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.12	B-DA56MB	60.50	056B129202	B-DA56MB-D	73.90	056B129203
0.18	B-DA63MA	61.00	063B159201	B-DA63MA-D	75.80	063B159202
0.25	B-DA63MB	64.20	063B159218	B-DA63MB-D	79.00	063B159206
0.37	B-DA71MA	70.40	071B189201	B-DA71MA-D	87.10	071B189202
0.55	B-DA71MB	78.90	071B189203	B-DA71MB-D	95.60	071B189204
0.75	A-DA80MA	131.50	080A209201	A-DA80MA-D	162.60	080A209202
1.1	A-DA80MB	140.70	080A209203	A-DA80MB-D	171.80	080A209204
1.5	A-DA90SA	174.60	090A229201	A-DA90SA-D	209.20	090A229202
2.2	A-DA90LA	199.70	090A229203	A-DA90LA-D	234.30	090A229204
3.0	A-DA100LA	266.80	100A249201	A-DA100LA-D	314.90	100A249202
4.0	A-DA112MA	304.50	112A269201	A-DA112MA-D	355.10	112A269202
5.5	A-DA132SA	483.00	132A329201	A-DA132SA-D	556.30	132A329202
7.5	A-DA132SB	509.30	132A329203	A-DA132SB-D	582.60	132A329204
11	A-DA160MA	799.10	160A419215	A-DA160MA-D	911.80	160A419216
15	A-DA160MB	897.30	160A419217	A-DA160MB-D	1010.00	160A419218
18.5	A-DA160LA	1005.50	160A419219	A-DA160LA-D	1118.20	160A419220

4 pole (1500min ⁻¹)				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.09	B-DA56MB	61.60	056B129206	B-DA56MB	75.00	056B129207
0.12	B-DA63MA	62.80	063B159216	B-DA63MA	77.60	063B159217
0.18	B-DA63MB	65.80	063B159203	B-DA63MB	80.60	063B159204
0.25	B-DA71MA	75.70	071B189205	B-DA71MA	92.40	071B189206
0.37	B-DA71MB	79.30	071B189207	B-DA71MB	96.00	071B189208
0.55	B-DA80MA	104.00	080B209205	B-DA80MA	135.10	080B209206
0.75	A-DA80MB	139.90	080A209207	A-DA80MB-D	171.00	080A209208
1.1	A-DA90SA	166.20	090A229205	A-DA90SA-D	200.80	090A229206
1.5	A-DA90LA	192.90	090A229207	A-DA90LA-D	227.50	090A229208
2.2	A-DA100LA	257.80	100A249203	A-DA100LA-D	305.90	100A249204
3.0	A-DA100LB	291.80	100A249205	A-DA100LB-D	339.90	100A249206
4.0	A-DA112MA	347.70	112A269203	A-DA112MA-D	398.30	112A269204
5.5	A-DA132SA	485.80	132A329205	A-DA132SA-D	559.10	132A329206
7.5	A-DA132MA	571.10	132A329207	A-DA132MA-D	644.40	132A329208
11	A-DA160MA	844.70	160A419221	A-DA160MA-D	957.40	160A419222
15	A-DA160LA	976.80	160A419223	A-DA160LA-D	1089.50	160A419224

Aluminium construction

1000 min⁻¹ (6 pole) & 750 min⁻¹ (8 pole)

Outputs conforming to IEC 60034

Specification

- Aluminium 71 to 160 frames
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard Voltage:
 - below 4kW: 230 / 400V
 - 4kW and above: 400 / 690V
- 3 phase, 50 Hz supply
- 150°C Thermostats on frame sizes 71 -112
- 160°C Thermistors on frame sizes 132 - 160
- Bearing located at non drive end
- Full two year warranty

6 pole (1000min ⁻¹)			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.18	B-DA71MA	82.90	071B189209
0.25	B-DA71MB	101.60	071B189211
0.37	B-DA80MA	103.20	080B209209
0.55	B-DA80MB	113.50	080B209211
0.75	A-DA90SA	176.70	090A229209
1.1	A-DA90LA	205.00	090A229211
1.5	A-DA100LA	248.40	100A249207
2.2	A-DA112MA	301.30	112A269205
3.0	A-DA132SA	437.90	132A329209
4.0	A-DA132MA	504.20	132A329210
5.5	A-DA132MB	581.60	132A329211
7.5	A-DA160MA	789.40	160A419225
11	A-DA160LA	939.10	160A419227

Outputs 0.09kW & 0.12kW also available, please contact the Brook Crompton sales office for more details

Flange Mounted (B5)		
Frame size	Price £	Item Number
B-DA71MA-D	99.60	071B189210
B-DA71MB-D	118.30	071B189212
B-DA80MA-D	134.30	080B209210
B-DA80MB-D	144.60	080B209213
A-DA90SA-D	211.30	090A229210
A-DA90LA-D	239.60	090A229224
A-DA100LA-D	296.50	100A249218
A-DA112MA-D	351.90	112A269213
A-DA132SA-D	511.20	132A329231
A-DA132MA-D	577.50	132A329230
A-DA132MB-D	654.90	132A329229
A-DA160MA-D	902.10	160A419226
A-DA160LA-D	1051.80	160A419228

Notes

For optional extras and variations to the standard product, please contact the Brook Crompton sales office.

Efficiency Notes

Frames sizes A-D - IE2 (0.75kW to 375kW)
 Frames sizes B-D - IE1

8 pole (750min ⁻¹)			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.37	B-DA90SA	146.30	090B229223
0.55	B-DA90LA	-	-
0.75	B-DA100LA	168.30	100B249208
1.1	B-DA100LB	197.70	100B249217
1.5	B-DA112MA	248.60	112B269212
2.2	B-DA132SA	340.40	132B329228
3.0	B-DA132MA	397.80	132B329227
4.0	B-DA160MA	580.70	160B419231
5.5	B-DA160MB	655.50	160B419230
7.5	B-DA160LA	783.00	160B419229

Outputs 0.09kW to 0.25kW also available, please contact the Brook Crompton sales office for more details

Flange Mounted (B5)		
Frame size	Price £	Item Number
B-DA90SA-D	180.90	-
B-DA90LA-D	-	-
B-DA100LA-D	216.40	-
B-DA100LB-D	245.80	-
B-DA112MA-D	299.20	-
B-DA132SA-D	413.70	-
B-DA132MA-D	471.10	-
B-DA160MA-D	693.40	-
B-DA160MB-D	768.20	-
B-DA160LA-D	895.70	-

Aluminium optional features / stock modifications

Aluminium range optional features	Frame size												
	List Price £	56	63	71	80	90S	90L	100	112	132S	132M	160M	160L
IP56	-	-	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70	73.70
IP65	-	-	48.60	48.60	48.60	48.60	203.10	234.80	234.80	234.80	234.80	234.80	234.80
D flange / C face	13.40	14.80	16.70	31.10	34.60	34.60	48.10	50.60	73.30	73.30	112.70	112.70	112.70
B35 / B34 mounted	17.80	20.10	22.70	42.90	49.00	51.70	70.50	77.60	107.50	116.50	181.20	199.30	199.30
Feet (pair)	4.40	5.30	6.00	11.80	14.40	17.10	22.40	27.00	34.20	43.20	68.50	86.60	86.60
Extra or restamp rating plate	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	31.50	31.50	31.50
Inverter rating plate	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	52.50	52.50	52.50
NET Price £													
Change terminal box position	25.30	25.30	25.30	25.30	25.30	25.30	25.30	33.80	33.80	33.80	33.80	33.80	33.80
Change cable entry position	25.30	25.30	25.30	25.30	25.30	25.30	25.30	33.80	33.80	33.80	33.80	33.80	33.80
Anti condensation heaters	-	-	48.80	48.80	48.80	48.80	64.70	64.70	64.70	64.70	102.90	102.90	102.90

Cast iron construction

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3000 min⁻¹ (2 pole) & 1500 min⁻¹ (4 pole)

Outputs conforming to IEC 60034

Specification

- Cast iron 71 to 355 frames
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard Voltage:
 - below 4kW: 230 / 400V
 - 4kW and above: 400 / 690V
- 3 phase, 50 Hz supply
- 160°C Thermistors fitted on all frames
- Bearing located at drive end*
- Full two year warranty

Notes

For optional extras and variations to the standard product, please contact the Brook Crompton sales office.

Efficiency Notes

Frames sizes A-D - IE2 (0.75kW to 375kW)

Frames sizes B-D - IE1

*Except where roller bearing is fitted at DE

2 pole (3000min ⁻¹)			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.37	B-DF71MA	76.10	071B189231
0.55	B-DF71MB	85.30	071B189233
0.75	A-DF80MA	142.00	080A209215
1.1	A-DF80MB	152.00	080A209212
1.5	A-DF90SA	188.60	090A229212
2.2	A-DF90LA	215.70	090A229213
3.0	A-DF100LA	288.10	100A249209
4.0	A-DF112MA	328.80	112A269206
5.5	A-DF132SA	521.60	132A329212
7.5	A-DF132SB	550.00	132A329313
11	A-DF160MA	863.00	160A419201
15	A-DF160MB	969.10	160A419203
18.5	A-DF160LA	1086.00	160A419205
22	A-DF180MA	1305.60	180A479201
30	A-DF200LA	1707.30	200A911201
37	A-DF200LB	1905.60	200A911202
45	AU-DF225M	2367.50	225A921201
55	AU-DF250M	3096.20	250A932201
75	AU-DF280S	3830.40	280A942201
90	AU-DF280MA	4416.60	280A942202
110	AU-DF315SA	6958.10	315A952201
132	AU-DF315MA	7840.80	315A952202
160	AU-DF315LA	8763.20	315A952203
200	AU-DF315LB	9725.90	315A952204
250	AU-DF355M	14511.20	355A962201
315	AU-DF355L	17176.40	355A962202
355	AU-DF355LA	20477.50	-
400	BU-DF355LB	24485.00	-
450	BU-DF355LC	29012.50	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
B-DF71MA-D	94.20	071B189232
B-DF71MB-D	103.40	071B189234
A-DF80MA-D	175.60	080A209216
A-DF80MB-D	185.60	080A209214
A-DF90SA-D	226.00	090A229216
A-DF90LA-D	253.10	090A229215
A-DF100LA-D	340.00	100A249212
A-DF112MA-D	383.40	112A269208
A-DF132SA-D	600.80	132A329217
A-DF132SB-D	629.20	132A329216
A-DF160MA-D	984.80	160A419202
A-DF160MB-D	1090.90	160A419204
A-DF160LA-D	1207.80	160A419206
A-DF180MA-D	1429.70	180A479202
A-DF200LA-D	1863.10	200A913201
A-DF200LB-D	2061.40	200A913202
AU-DF225M-D	2590.90	225A924201
AU-DF250M-D	3394.00	-
AU-DF280S-D	4192.70	-
AU-DF280MA-D	4778.90	-
AU-DF315SA-D	7381.80	-
AU-DF315MA-D	8264.50	-
AU-DF315LA-D	9186.90	-
AU-DF315LB-D	10149.60	-
AU-DF355M-D	15199.40	-
AU-DF355L-D	17864.60	-
-	-	-
-	-	-
-	-	-

4 pole (1500min ⁻¹)			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.25	B-DF71MA	81.90	071B189235
0.37	B-DF71MB	85.70	071B189237
0.55	B-DF80MA	112.40	080B209221
0.75	A-DF80MB	151.10	080A209217
1.1	A-DF90SA	179.50	090A229225
1.5	A-DF90LA	208.30	090A229214
2.2	A-DF100LA	278.40	100A249210
3.0	A-DF100LB	315.20	100A249211
4.0	A-DF112MA	375.50	112A269207
5.5	A-DF132SA	524.70	132A329214
7.5	A-DF132MA	616.80	132A329215
11.0	A-DF160MA	912.20	160A419207
15.0	A-DF160LA	1055.00	160A419209
18.5	A-DF180MA	1273.20	180A479203
22	A-DF180LA	1380.60	180A479205
30	A-DF200L	1756.80	200A911401
37	AU-DF225S	2194.10	225A922401
45	AU-DF225M	2430.70	225A922402
55	AU-DF250MA	3033.30	250A932401
75	AU-DF280S	3916.80	280A942401
90	AU-DF280MA	4439.80	280A942402
110	AU-DF315S	6811.50	315A952401
132	AU-DF315M	7806.80	315A952402
160	AU-DF315LA	8787.70	315A952403
200	AU-DF315LB	9849.90	315A952404
250	AU-DF355M	14063.70	355A962401
315	AU-DF355L	15842.40	355A962402
355	AU-DF355LA	22222.50	-
400	BU-DF355LB	26897.50	-
450	BU-DF355LC	29680.00	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
B-DF71MA-D	100.00	071B189236
B-DF71MB-D	103.80	071B189238
B-DF80MA-D	146.00	080B209222
A-DF80MB-D	184.70	080A209218
A-DF90SA-D	216.90	090A229226
A-DF90LA-D	245.70	090A229217
A-DF100LA-D	330.30	100A249214
A-DF100LB-D	367.10	100A249213
A-DF112MA-D	430.10	112A269209
A-DF132SA-D	603.90	132A329219
A-DF132MA-D	696.00	132A329218
A-DF160MA-D	1034.00	160A419208
A-DF160LA-D	1176.80	160A419210
A-DF180MA-D	1397.30	180A479204
A-DF180LA-D	1504.70	180A479206
A-DF200L-D	1912.60	200A913401
AU-DF225S-D	2417.50	-
AU-DF225M-D	2654.10	-
AU-DF250MA-D	3331.10	-
AU-DF280S-D	4279.10	-
AU-DF280MA-D	4802.10	-
AU-DF315S-D	7235.20	-
AU-DF315M-D	8230.50	-
AU-DF315LA-D	9211.40	-
AU-DF315LB-D	10273.60	-
AU-DF355M-D	14751.90	-
AU-DF355L-D	16530.60	-
-	-	-
-	-	-
-	-	-

Cast iron construction

1000 min⁻¹ (6 pole) & 750 min⁻¹ (8 pole)

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Outputs conforming to IEC 60034

Specification

- Cast iron 71 to 355 frames
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard Voltage:
 - below 4kW: 230 / 400V
 - 4kW and above: 400 / 690V
- 3 phase, 50 Hz supply
- 160°C Thermistors fitted on all frames
- Bearing located at drive end*
- Full two year warranty

Notes

For optional extras and variations to the standard product, please contact the Brook Crompton sales office.

Efficiency Notes

Frames sizes A-D - IE2 (0.75kW to 375kW)

Frames sizes B-D - IE1

*Except where roller bearing is fitted at DE

6 pole (1000min ⁻¹)				Flange Mounted (B5)		
Foot Mounted (B3)				Frame size	Price £	Item Number
kW	Frame size	Price £	Item Number			
0.18	B-DF71MA	89.60	-	B-DF71MA-D	107.70	-
0.25	B-DF71MB	109.80	-	B-DF71MB-D	127.90	-
0.37	B-DF80MA	111.50	-	B-DF80MA-D	145.10	-
0.55	B-DF80MB	122.60	-	B-DF80MB-D	156.20	-
0.75	A-DF90SA	190.90	-	A-DF90SA-D	228.30	-
1.1	A-DF90LA	221.40	-	A-DF90LA-D	258.80	-
1.5	A-DF100LA	268.20	-	A-DF100LA-D	320.10	-
2.2	A-DF112MA	325.40	-	A-DF112MA-D	380.00	-
3.0	A-DF132SA	472.90	-	A-DF132SA-D	552.10	-
4.0	A-DF132MA	544.60	-	A-DF132MA-D	623.80	-
5.5	A-DF132MB	628.10	-	A-DF132MB-D	707.30	-
7.5	A-DF160MA	852.50	-	A-DF160MA-D	974.30	-
11	A-DF160LA	1014.20	-	A-DF160LA-D	1136.00	-
15	A-DF180LA	1276.40	180A479207	A-DF180LA-D	1400.50	180A479208
18.5	A-DF200LA	1491.90	200A911604	A-DF200LA-D	1647.70	-
22	A-DF200LB	1590.40	200A911602	A-DF200LB-D	1746.20	-
30	AU-DF225M	2220.10	225A921601	AU-DF225M-D	2443.50	-
37	AU-DF250M	2936.40	250A932601	AU-DF250M-D	3234.20	-
45	AU-DF280S	3393.70	280A942601	AU-DF280S-D	3756.00	-
55	AU-DF280MA	3698.80	280A942602	AU-DF280MA-D	4061.10	-
75	AU-DF315S	6771.50	315A952601	AU-DF315S-D	7195.20	-
90	AU-DF315M	7503.30	315A952602	AU-DF315M-D	7927.00	-
110	AU-DF315LA	8330.60	315A952603	AU-DF315LA-D	8754.30	-
132	AU-DF315LB	8953.00	315A952604	AU-DF315LB-D	9376.70	-
160	AU-DF355MA	12335.20	355A962601	AU-DF355MA-D	13023.40	-
200	AU-DF355MB	14136.40	355A962602	AU-DF355MB-D	14824.60	-
250	AU-DF355L	15578.80	355A962603	AU-DF355L-D	16267.00	-
315	AU-DF355LA	25947.50	-	-	-	-
355	AU-DF355LB	27205.00	-	-	-	-

750 min⁻¹ (8 pole)

The Series 10 cast iron, 8 pole range is available to the above specification with outputs from 0.09kW to 355kW.

Please contact the Brook Crompton UK sales office for frame sizes and pricing.

Cast iron optional features / stock modifications

Cast iron range optional features	Frame size														
	List Price £	71	80	90	100	112	132	160	180	200	225	250	280	315	355*
IP56	73.70	73.70	73.70	73.70	73.70	73.70	73.70	143.30	163.60	163.60	192.30	192.30	192.30	241.00	
IP65	48.60	48.60	48.60	203.10	234.80	234.80	234.80	343.00	343.00	502.70	850.70	1073.00	1154.60	1154.60	
D flange / C face	18.10	33.60	37.40	51.90	54.60	79.20	121.80	124.10	155.80	223.40	297.80	362.30	423.70	688.20	
B35 mounted	24.60	46.40	55.90	76.20	83.80	125.90	146.20	154.90	196.30	277.70	366.00	463.40	631.90	1037.30	
B34 mounted	24.60	46.40	55.90	76.20	83.80	125.90	146.20	-	-	-	-	-	-	-	
Extra or restamp rating plate	21.00	21.00	21.00	21.00	21.00	21.00	31.50	31.50	42.00	42.00	42.00	42.00	42.00	42.00	
Inverter rating plate	42.00	42.00	42.00	42.00	42.00	42.00	52.50	52.50	63.00	63.00	63.00	63.00	63.00	63.00	
NET Price £															
Change terminal box position	25.30	25.30	25.30	25.30	33.80	33.80	33.80	33.80	59.00	59.00	59.00	84.30	84.30	84.30	
Change cable entry position	25.30	25.30	25.30	25.30	33.80	33.80	33.80	33.80	59.00	59.00	59.00	84.30	84.30	84.30	
Anti condensation heaters	48.80	48.80	48.80	64.70	64.70	64.70	102.90	102.90	128.20	142.10	146.60	201.60	209.80	209.80	

* Only available up to and including 315kW