

# W Aluminium (IEC)



4

Outputs conforming to IEC 60034  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

## Specification

- Safe area aluminium
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - upto 0.55kW 220-240/380-415V - non IE2
  - 0.75kW to 4kW 230 / 400V - IE2
  - 4kW and above 400 / 690V - IE2
- 3 phase, 50Hz supply

## IE2 Efficiency banding - 2 & 4 pole

0.75 to 375kW



- NDE located bearing
- High efficiency motors
- Low noise
- Multi-Mount
- Terminal box top
- Sheet steel fan cover
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

2 pole (3000min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.18	WU-DA63SF	149.90	063D150436
0.25	WU-DA63SG	159.70	063D150442
0.37	WU-DA71SG	160.20	071W185276
0.55	WU-DA71SK	175.80	071W185280
0.75	WU-DA80MJ	213.10	080W207200T
1.1	WU-DA80MM	243.30	080W207201T
1.5	WU-DA90SMX	270.40	090W227200T
2.2	WU-DA90LSX	331.00	090W227201T
3.0	WU-DA100LR	408.80	100W247200T
4.0	WU-DA112MM	515.90	112W267200T
5.5	WU-DA132SEX	631.20	132W327200T
7.5	WU-DA132SJX	794.90	132W327201T
11	WU-DA160MB	1064.30	160W417200T
15	WU-DA160MJ	1364.20	160W417201T
18.5	WU-DA160LR	1687.30	160W417202T
22	WU-DA180ME	2083.20	180W477200T

Flange Mounted (B5)		
Frame size	Price £	Item Number
WU-DA63SF-D	170.70	063D150437
WU-DA63SG-D	180.50	063D150443
WU-DA71SG-D	181.70	071W185277
WU-DA71SK-D	197.30	071W185281
WU-DA80MJ-D	245.60	080W207210T
WU-DA80MM-D	275.80	080W207211T
WU-DA90SMX-D	308.50	090W227210T
WU-DA90LSX-D	369.10	090W227211T
WU-DA100LR-D	454.20	100W247210T
WU-DA112MM-D	562.20	112W267210T
WU-DA132SEX-D	687.60	132W327210T
WU-DA132SJX-D	851.30	132W327211T
WU-DA160MB-D	1195.90	160W417210T
WU-DA160MJ-D	1495.80	160W417211T
WU-DA160LR-D	1818.90	160W417212T
WU-DA180ME-D	2220.50	180W477210T

4 pole (1500min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.12	WU-DA63SF	146.40	063D150432
0.18	WU-DA63SG	150.90	063D150438
0.25	WU-DA71SJ	150.20	071W185274
0.37	WU-DA71SK	162.00	071W185278
0.55	WU-DA80ME	187.00	080W205045
0.75	WU-DA80MS	239.10	080W207400T
1.1	WU-DA90SRX	277.10	090W227400T
1.5	WU-DA90LWX	306.10	090W227401T
2.2	WU-DA100LS	357.10	100W247400T
3.0	WU-DA100LU	412.20	100W247401
4.0	WU-DA112MT	504.10	112W267400T
5.5	WU-DA132STX	644.10	132W327400T
7.5	WU-DA132MVX	820.90	132W327401T
11	WU-DA160MJ	1121.20	160W417400T
15	WU-DA160LR	1422.80	160W417401T
18.5	WU-DA180ME	1776.50	180W477400T
22	WU-DA180LJ	2099.20	180W477401T

Flange Mounted (B5)		
Frame size	Price £	Item Number
WU-DA63SF-D	167.20	063D150433
WU-DA63SG-D	171.70	063D150439
WU-DA71SJ-D	171.70	071W185275
WU-DA71SK-D	183.50	071W185279
WU-DA80ME-D	219.50	080W205046
WU-DA80MS-D	271.60	080W207410T
WU-DA90SRX-D	315.20	090W227410T
WU-DA90LWX-D	344.20	090W227411T
WU-DA100LS-D	402.50	100W247410T
WU-DA100LU-D	457.60	100W247411
WU-DA112MT-D	550.40	112W267410T
WU-DA132STX-D	700.50	132W327410T
WU-DA132MVX-D	877.30	132W327411T
WU-DA160MJ-D	1252.80	160W417410T
WU-DA160LR-D	1554.40	160W417411T
WU-DA180ME-D	1913.80	180W477410T
WU-DA180LJ-D	2236.50	180W477411T

## Face mounted (B14)

2 pole (3000min <sup>-1</sup> )			
Face Mounted (B14)			
kW	Frame size	Price £	Item Number
0.12	-	-	-
0.18	WU-DA63SF-C	170.70	-
0.25	WU-DA63SG-C	180.50	-
0.37	WU-DA71SG-C	181.70	071W185260
0.55	WU-DA71SK-C	197.30	071W185262
0.75	WU-DA80MJ-C	245.60	080W207230T
1.1	WU-DA80MM-C	275.80	080W207231T
1.5	WU-DA90SMX-C	308.50	090W227230T
2.2	WU-DA90LSX-C	369.10	090W227231T

4 pole (1500min <sup>-1</sup> )		
Face Mounted (B14)		
Frame size	Price £	Item Number
WU-DA63SF-C	167.20	-
WU-DA63SG-C	171.70	063D150493
WU-DA71SJ-C	171.70	071W185258
WU-DA71SK-C	183.50	071W185259
WU-DA80ME-C	219.50	080W205243
WU-DA80MS-C	271.60	080W207430T
WU-DA90SRX-C	315.20	090W227430T
WU-DA90LWX-C	344.20	090W227431T
WU-DA100LS-C	402.50	100W247430T

# W Aluminium (IEC)



Outputs conforming to IEC 60034

6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>) / High output 2 pole & 4 pole

## Specification

- Safe area aluminium
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - upto 0.55kW 220-240/380-415V - non IE2
  - 0.75kW to 4kW 230 / 400V - IE2
  - 4kW and above 220-240 / 660-720 - non IE2
  - 4kW and above 400 / 690V - IE2
- 3 phase, 50Hz supply

## IE2 Efficiency banding - 6 pole only

0.75 to 375kW



- NDE located bearing
- High efficiency motors
- Low noise
- Multi-Mount
- Terminal box top
- Sheet steel fan cover
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

6 pole (1000min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.09	WU-DA71SG	168.00	-
0.12	WU-DA71SG	171.60	-
0.18	WU-DA71SK	177.00	071W185272
0.25	WU-DA71SR	187.90	071W185282
0.37	WU-DA80MG	196.90	080W205112
0.55	WU-DA80MM	223.90	080W205119
0.75	WU-DA90STX	278.10	090W227600T
1.1	WU-DA90LWX	333.20	090W227601T
1.5	WU-DA100LUW	394.30	100W247600T
2.2	WU-DA112MT	493.40	112W267600T
3.0	WU-DA132SLX	634.40	132W327600T
4.0	WU-DA132MMX	785.50	132W327601T
5.5	WU-DA132MRX	934.50	132W327602T
7.5	WU-DA160MM	1176.30	160W417600T
11	WU-DA160LV	1627.40	160W417601T
15	WU-DA180LM	2130.20	180W477600T

Flange Mounted (B5)		
Frame size	Price £	Item Number
WU-DA71SG-D	189.50	-
WU-DA71SG-D	193.10	-
WU-DA71SK-D	198.50	071W185273
WU-DA71SR-D	209.40	071W185283
WU-DA80MG-D	229.40	080W205113
WU-DA80MM-D	256.40	080W205120
WU-DA90STX-D	316.20	090W227610T
WU-DA90LWX-D	371.30	090W227611T
WU-DA100LUW-D	439.70	100W247610T
WU-DA112MT-D	539.70	112W267610T
WU-DA132SLX-D	690.80	132W327610T
WU-DA132MMX-D	841.90	132W327611T
WU-DA132MRX-D	990.90	132W327612T
WU-DA160MM-D	1307.90	160W417610T
WU-DA160LV-D	1759.00	160W417611T
WU-DA180LM-D	2267.50	180W477610T

8 pole (750min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.18	WU-DA80MG	232.90	080W205122
0.25	WU-DA80MM	242.00	080W205126
0.37	WU-DA90SG	276.50	090W225048
0.55	WU-DA90LM	317.80	090W225052
0.75	WU-DA100LR	373.20	100W245244
1.1	WU-DA100LS	430.00	100W245243
1.5	WU-DA112MS	524.10	112W265159
2.2	WU-DA132SM	674.90	132W325382
3.0	WU-DA132MR	897.20	132W325383
4.0	WU-DA160ME	1103.30	160W415349
5.5	WU-DA160MM	1366.10	-
7.5	WU-DA160LV	1701.80	160W415350
11	WU-DA180LM	2247.00	180W475275

Flange Mounted (B5)		
Frame size	Price £	Item Number
WU-DA80MG-D	265.40	-
WU-DA80MM-D	274.50	-
WU-DA90SG-D	314.60	-
WU-DA90LM-D	355.90	090W225053
WU-DA100LR-D	418.60	-
WU-DA100LS-D	475.40	-
WU-DA112MS-D	570.40	-
WU-DA132SM-D	731.30	-
WU-DA132MR-D	953.60	-
WU-DA160ME-D	1234.90	-
WU-DA160MM-D	1497.70	-
WU-DA160LV-D	1833.40	-
WU-DA180LM-D	2384.30	-

## High output 2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

2 pole (3000min <sup>-1</sup> )			
Foot Mounted (B3)			230 / 400
kW	Frame size	Price £	Item Number
4	W-DA100LTF	tba	100W247251T
5.5	W-DA112MR	tba	-
7.5	W-DA112MUW	tba	-
9	W-DA132MSX	tba	-
11	W-DA132MUX	tba	-
15	on request	tba	-
22	W-DA160LT	tba	-
30	W-DA180LL	tba	-

400 / 690	
Item Number	
100W247250T	
112W267250T	
112W267251T	
132W327251T	
132W327250T	
-	
160W417250T	
180W477250T	

4 pole (1500min <sup>-1</sup> )			
Foot Mounted (B3)			230 / 400
kW	Frame size	Price £	Item Number
4	W-DA100LTF	tba	100W247451T
5.5	on request	tba	-
9	W-DA132MVX	tba	132W327451T
11	W-DA132MVX	tba	132W327453T
18.5	W-DA160LU	tba	-
22	W-DA160LV	tba	-
30	W-DA180LR	tba	-

400 / 690	
Item Number	
100W247450T	
-	
132W327402T	
132W327452T	
160W417450T	
160W417451T	
180W477450T	

# W cast iron (IEC)



6

Outputs conforming to IEC 60034  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

## Specification

- Safe area cast iron construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - upto 0.55kW 220-240/380-415V - non IE2
  - 0.75kW to 4kW 230 / 400V - IE2
  - 4kW and above 400 / 690V - IE2
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
WU-DF200 to 355
- Outputs conforming IEC 60034

## IE2 Efficiency banding - 2 & 4 pole

0.75 to 375kW



- DE located bearing
- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

## Foot & Terminal box arrangements

Frame	Foot	T. Box	EEx nA
80	Integral	R L	No*
90-132	Multi	T R L	No*
160-355	Multi	T R L	Yes

EEx nA = modification to EEx nA

\* See dedicated EEx nA pages 20-23

R = Right hand side

T = Top

L = Left hand side

**Bold** - standard position

2 pole (3000min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.75	WU-DF80MJ	283.10	080W207300T
1.1	WU-DF80MM	305.30	080W207301T
1.5	WU-DF90LMX	385.70	090W227300T
2.2	WU-DF90LSX	405.70	090W227301T
3.0	WU-DF100LR	539.80	100W247300T
4.0	WU-DF112MM	587.40	112W267300T
5.5	WU-DF132SE	750.60	132W327300T
7.5	WU-DF132SJ	876.10	132W327301T
11	WU-DF160MB	1308.40	160W417300T
15	WU-DF160MJ	1458.50	160W417301T
18.5	WU-DF160LR	1795.80	160W417302T
22	WU-DF180ME	2214.50	180W477300T
30	WU-DF200LGX	2856.80	200W911213
37	WU-DF200LNx	3539.80	200W911212
45	WU-DF225MN	4550.40	225W921202
55	WU-DF250MNE	5817.20	250W931105
75	WU-DF280SNE	7158.90	280W941111
90	WU-DF280MNE	8578.10	280W941112
110	WU-DF315SNE	10452.30	315W951119
132	WU-DF315MNE	11936.20	315W951120
150	WU-DF315MN	14119.70	-
160	WU-DF315MP	16439.30	315W951113
185	WU-DF315LN	18877.50	315W951118
200	WU-DF315LN	21146.80	-
225	WU-DF355SG	23671.20	-
250	WU-DF355SJ	25864.40	-
280	WU-DF355SN	28527.80	-
315	WU-DF355MJ	31397.60	-
355	WU-DF355MN	33701.00	-
400	WU-DF355LN	35894.10	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
WU-DF80MJ-D	315.60	080W207310T
WU-DF80MM-D	337.80	080W207311T
WU-DF90LMX-D	423.80	090W227310T
WU-DF90LSX-D	443.80	090W227311T
WU-DF100LR-D	585.20	100W247310T
WU-DF112MM-D	633.70	112W267310T
WU-DF132SE-D	807.00	132W327310T
WU-DF132SJ-D	932.50	132W327311T
WU-DF160MB-D	1440.00	160W417310T
WU-DF160MJ-D	1590.10	160W417311T
WU-DF160LR-D	1927.40	160W417312T
WU-DF180ME-D	2351.80	180W477310T
WU-DF200LGX-D	3033.10	-
WU-DF200LNx-D	3716.10	-
WU-DF225MN-D	4756.40	-
WU-DF250MNE-D	6119.20	-
WU-DF280SNE-D	7589.00	-
WU-DF280MNE-D	9008.20	-
WU-DF315SNE-D	11116.00	-
WU-DF315MNE-D	12599.90	-
WU-DF315MN-D	14783.40	-
WU-DF315MP-D	17103.00	-
WU-DF315LN-D	19541.20	-
WU-DF315LN-D	21810.50	-
WU-DF355SG-D	25285.10	-
WU-DF355SJ-D	27478.30	-
WU-DF355SN-D	30141.70	-
WU-DF355MJ-D	33011.50	-
WU-DF355MN-D	35314.90	-
WU-DF355LN-D	37508.00	-

4 pole (1500min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.55	A-DF80ME	262.00	080D205096
0.75	WU-DF80MS	302.80	080W207500T
1.1	WU-DF90LRx	425.60	090W227500T
1.5	WU-DF90LWX	447.80	090W227501T
2.2	WU-DF100LS	511.80	100W247500T
3.0	WU-DF100LTF	573.00	100W247501T
4.0	WU-DF112MT	678.00	112W267500T
5.5	WU-DF132STX	833.50	132W327500T
7.5	WU-DF132MXx	929.00	132W327501T
11	WU-DF160MJ	1354.50	160W417500T
15	WU-DF160LR	1520.20	160W417501T
18.5	WU-DF180ME	1894.80	180W477500T
22	WU-DF180LJ	2229.10	180W477501T
30	WU-DF200LNx	2769.10	200W911405
37	WU-DF225SN	3575.40	225W921405
45	WU-DF225MN	4423.70	225W921406
55	WU-DF250MNE	5525.20	250W931104
75	WU-DF280SNE	6644.60	280W941109
90	WU-DF280MNE	7765.50	280W941110
110	WU-DF315SNE	10150.80	315W951116
132	WU-DF315MNE	12366.10	315W951115
150	WU-DF315MN	12782.90	-
160	WU-DF315MP	14885.20	315W951111
185	WU-DF315LN	17153.10	315W951112
200	WU-DF315LN	19138.60	315W001142
225	WU-DF355SG	21487.60	-
250	WU-DF355SJ	23471.60	355W961405
280	WU-DF355SN	25820.30	-
315	WU-DF355MJ	28437.20	355W961406
355	WU-DF355MN	30515.00	355W961407
400	WU-DF355LN	32499.10	355W961408

Flange Mounted (B5)		
Frame size	Price £	Item Number
A-DF80ME-D	294.50	080D205097
WU-DF80MS-D	335.30	080W207510T
WU-DF90LRx-D	463.70	090W227510T
WU-DF90LWX-D	485.90	090W227511T
WU-DF100LS-D	557.20	100W247510T
WU-DF100LTF-D	618.40	100W247511T
WU-DF112MT-D	724.30	112W267510T
WU-DF132STX-D	889.90	132W327510T
WU-DF132MXx-D	985.40	132W327511T
WU-DF160MJ-D	1486.10	160W417510T
WU-DF160LR-D	1651.80	160W417511T
WU-DF180ME-D	2032.10	180W477510T
WU-DF180LJ-D	2366.40	180W477511T
WU-DF200LNx-D	2945.40	-
WU-DF225SN-D	3781.40	-
WU-DF225MN-D	4629.70	-
WU-DF250MNE-D	5827.20	-
WU-DF280SNE-D	7074.70	-
WU-DF280MNE-D	8195.60	-
WU-DF315SNE-D	10814.50	-
WU-DF315MNE-D	13029.80	-
WU-DF315MN-D	13446.60	-
WU-DF315MP-D	15548.90	-
WU-DF315LN-D	17816.80	-
WU-DF315LN-D	19802.30	-
WU-DF355SG-D	23101.50	-
WU-DF355SJ-D	25085.50	-
WU-DF355SN-D	27434.20	-
WU-DF355MJ-D	30051.10	-
WU-DF355MN-D	32128.90	-
WU-DF355LN-D	34113.00	-

# W cast iron (BS)



Outputs conforming to BS 5000 pt 10 appendix A  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

## Specification

- Safe area cast iron construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - upto 0.55kW 220-240/380-415V - non IE2
  - 0.75kW to 4kW 230 / 400V - IE2
  - 4kW and above 400 / 690V - IE2
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
WU-DF200 to 355
- Outputs conforming BS 5000 Pt 10 Appendix A

## IE2 Efficiency banding - 2 & 4 pole

0.75 to 375kW



- DE located bearing
- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

Foot & Terminal box arrangements			
Frame	Foot	T. Box	EEx nA
80	Integral	R L	No*
90-132	Multi	T R L	No*
160-355	Multi	T R L	Yes

EEx nA = modification to EEx nA  
\* See dedicated EEx nA pages 20-23  
R = Right hand side  
T = Top  
L = Left hand side  
**Bold** - standard position

2 pole (3000min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.75	WU-DF80MJ	283.10	080W207300T
1.1	WU-DF80MM	305.30	080W207301T
1.5	WU-DF90LMX	385.70	090W227300T
2.2	WU-DF90LSX	405.70	090W227301T
3.0	WU-DF100LR	539.80	100W247300T
4.0	WU-DF112MM	587.40	112W267300T
5.5	WU-DF132SE	750.60	132W327300T
7.5	WU-DF132SJ	876.10	132W327301T
11	WU-DF160MB	1308.40	160W417300T
15	WU-DF160MJ	1458.50	160W417301T
18.5	WU-DF160LR	1795.80	160W417302T
22	WU-DF180ME	2214.50	180W477300T
30	W-DF200LGX	2856.80	200W911213
37	W-DF200LNX	3539.80	200W911212
45	W-DF225MN	4550.40	225W921202
55	W-DF250SN	5817.20	250W931205
75	W-DF250MN	7158.90	250W931206
90	W-DF280SN	8578.10	280W941207
110	W-DF280MN	10452.30	280W941209
132	W-DF315SN	11936.20	315W951209
150	W-DF315MN	14119.70	315W951207
160	W-DF315MP	16439.30	-
185	W-DF315LN	18877.50	315W951208
200	W-DF315LN	21146.80	315W001228
225	W-DF355SG	23671.20	-
250	W-DF355SJ	25864.40	-
280	W-DF355SN	28527.80	-
315	W-DF355MJ	31397.60	-
355	W-DF355MN	33701.00	-
400	W-DF355LN	35894.10	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
WU-DF80MJ-D	315.60	080W207310T
WU-DF80MM-D	337.80	080W207311T
WU-DF90LMX-D	423.80	090W227310T
WU-DF90LSX-D	443.80	090W227311T
WU-DF100LR-D	585.20	100W247310T
WU-DF112MM-D	633.70	112W267310T
WU-DF132SE-D	807.00	132W327310T
WU-DF132SJ-D	932.50	132W327311T
WU-DF160MB-D	1440.00	160W417310T
WU-DF160MJ-D	1590.10	160W417311T
WU-DF160LR-D	1927.40	160W417312T
WU-DF180ME-D	2351.80	180W477310T
W-DF200LGX-D	3033.10	-
W-DF200LNX-D	3716.10	-
W-DF225MN-D	4756.40	-
W-DF250SN-D	6119.20	-
W-DF250MN-D	7460.90	-
W-DF280SN-D	9008.20	-
W-DF280MN-D	10882.40	-
W-DF315SN-D	12599.90	-
W-DF315MN-D	14783.40	-
W-DF315MP-D	17103.00	-
W-DF315LN-D	19541.20	-
W-DF315LN-D	21810.50	-
W-DF355SG-D	25285.10	-
W-DF355SJ-D	27478.30	-
W-DF355SN-D	30141.70	-
W-DF355MJ-D	33011.50	-
W-DF355MN-D	35314.90	-
W-DF355LN-D	37508.00	-

4 pole (1500min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.55	A-DF80ME	262.00	080D205096
0.75	WU-DF80MS	302.80	080W207500T
1.1	WU-DF90LRX	425.60	090W227500T
1.5	WU-DF90LWX	447.80	090W227501T
2.2	WU-DF100LS	511.80	100W247500T
3.0	WU-DF100LTF	573.00	100W247501T
4.0	WU-DF112MT	678.00	112W267500T
5.5	WU-DF132STX	833.50	132W327500T
7.5	WU-DF132MX	929.00	132W327501T
11	WU-DF160MJ	1354.50	160W417500T
15	WU-DF160LR	1520.20	160W417501T
18.5	WU-DF180ME	1894.80	180W477500T
22	WU-DF180LJ	2229.10	180W477501T
30	W-DF200LNX	2769.10	200W911405
37	W-DF225SN	3575.40	225W921405
45	W-DF225MN	4423.70	225W921406
55	W-DF250SN	5525.20	250W931406
75	W-DF250MN	6644.60	250W931407
90	W-DF280SN	7765.50	280W941407
110	W-DF280MN	10150.80	280W941408
132	W-DF315SN	12366.10	315W951409
150	W-DF315MN	12782.90	315W951407
160	W-DF315MP	14885.20	-
185	W-DF315LN	17153.10	315W951408
200	W-DF315LN	19138.60	315W001132
225	W-DF355SG	21487.60	-
250	W-DF355SJ	23471.60	355W961405
280	W-DF355SN	25820.30	-
315	W-DF355MJ	28437.20	355W961406
355	W-DF355MN	30515.00	355W961407
400	W-DF355LN †	32499.10	355W961408

Flange Mounted (B5)		
Frame size	Price £	Item Number
A-DF80ME-D	294.50	080D205097
WU-DF80MS-D	335.30	080W207510T
WU-DF90LRX-D	463.70	090W227510T
WU-DF90LWX-D	485.90	090W227511T
WU-DF100LS-D	557.20	100W247510T
WU-DF100LTF-D	618.40	100W247511T
WU-DF112MT-D	724.30	112W267510T
WU-DF132STX-D	889.90	132W327510T
WU-DF132MX-D	985.40	132W327511T
WU-DF160MJ-D	1486.10	160W417510T
WU-DF160LR-D	1651.80	160W417511T
WU-DF180ME-D	2032.10	180W477510T
WU-DF180LJ-D	2366.40	180W477511T
W-DF200LNX-D	2945.40	-
W-DF225SN-D	3781.40	-
W-DF225MN-D	4629.70	-
W-DF250SN-D	5827.20	-
W-DF250MN-D	6946.60	-
W-DF280SN-D	8195.60	-
W-DF280MN-D	10580.90	-
W-DF315SN-D	13029.80	-
W-DF315MN-D	13446.60	-
W-DF315MP-D	15548.90	-
W-DF315LN-D	17816.80	-
W-DF315LN-D	19802.30	-
W-DF355SG-D	23101.50	-
W-DF355SJ-D	25085.50	-
W-DF355SN-D	27434.20	-
W-DF355MJ-D	30051.10	-
W-DF355MN-D	32128.90	-
W-DF355LN-D †	34113.00	-

# W cast iron (IEC)



8

Outputs conforming to IEC 60034  
6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>)

## Specification

- Safe area cast iron construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - upto 0.55kW 220-240/380-415V - non IE2
  - 0.75kW to 4kW 230 / 400V - IE2
  - 4kW and above 400 / 690V - IE2
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
WU-DF200 to 355
- Outputs conforming IEC 60034

## IE2 Efficiency banding - 6 pole

0.75 to 375kW



- DE located bearing
- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

## Foot & Terminal box arrangements

Frame	Foot	T. Box	EEx nA
80	Integral	<b>R</b> L	No*
90-132	Multi	<b>T</b> R L	No*
160-355	Multi	<b>T</b> R L	Yes

EEx nA = modification to EEx nA

\* See dedicated EEx nA pages 20-23

R = Right hand side

T = Top

L = Left hand side

**Bold** - standard position

6 pole (1000min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.37	WU-DF80MG	365.90	-
0.55	WU-DF80MM	370.00	-
0.75	WU-DF90LTX	477.60	090W227700T
1.1	WU-DF90LWX	523.00	090W227701T
1.5	WU-DF100LSF	606.30	100W247700T
2.2	WU-DF112MT	714.10	112W267700T
3.0	WU-DF132SL	941.10	132W327700T
4.0	WU-DF132MM	1006.50	132W327701T
5.5	WU-DF132MR	1221.60	132W327702T
7.5	WU-DF160MM	1573.40	160W417700T
11	WU-DF160LV	2002.10	160W417701T
15	WU-DF180LM	2618.30	180W477700T
18.5	WU-DF200LGX	3474.70	200W911604
22	WU-DF200LNx	4321.70	200W911605
30	WU-DF225MN	5486.20	225W921603
37	WU-DF250MNE	6595.90	-
45	WU-DF280SNE	8081.70	-
55	WU-DF280MNE	9424.90	-
75	WU-DF315SNE	11065.00	-
90	WU-DF315MNE	12935.50	-
110	WU-DF315MN	15347.50	-
132	WU-DF315LN	18084.30	-
150	WU-DF355SG	21537.70	-
160	WU-DF355SG	24428.60	-
185	WU-DF355SJ	27209.00	-
200	WU-DF355SN	29806.20	-
225	WU-DF355MJ	32638.40	-
250	WU-DF355MN	35263.10	-
280	WU-DF355LJ	38170.10	-
315	WU-DF355LN	41552.50	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
WU-DF80MG-D	398.40	-
WU-DF80MM-D	402.50	-
WU-DF90LTX-D	515.70	090W227710T
WU-DF90LWX-D	561.10	090W227711T
WU-DF100LSF-D	651.70	100W247710T
WU-DF112MT-D	760.40	112W267710T
WU-DF132SL-D	997.50	132W327710T
WU-DF132MM-D	1062.90	132W327711T
WU-DF132MR-D	1278.00	132W327712T
WU-DF160MM-D	1705.00	160W417710T
WU-DF160LV-D	2133.70	160W417711T
WU-DF180LM-D	2755.60	180W477710T
WU-DF200LGX-D	3651.00	-
WU-DF200LNx-D	4498.00	-
WU-DF225MN-D	5692.20	-
WU-DF250MNE-D	6897.90	-
WU-DF280SNE-D	8511.80	-
WU-DF280MNE-D	9855.00	-
WU-DF315SNE-D	11728.70	-
WU-DF315MNE-D	13599.20	-
WU-DF315MN-D	16011.20	-
WU-DF315LN-D	18748.00	-
WU-DF355SG-D	23151.60	-
WU-DF355SG-D	26042.50	-
WU-DF355SJ-D	28822.90	-
WU-DF355SN-D	31420.10	-
WU-DF355MJ-D	34252.30	-
WU-DF355MN-D	36877.00	-
WU-DF355LJ-D	39784.00	-
WU-DF355LN-D	43166.40	-

8 pole (750min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.18	WU-DF80MG	303.20	-
0.25	WU-DF80MM	347.40	-
0.37	WU-DF90SG	384.50	-
0.55	WU-DF90LM	449.40	-
0.75	WU-DF100LR	527.50	-
1.1	WU-DF100LS	569.50	100W245202
1.5	WU-DF112MS	671.90	112W265114
2.2	WU-DF132SM	847.00	-
3.0	WU-DF132MR	1078.70	132W325258
4.0	WU-DF160ME	1409.70	-
5.5	WU-DF160MM	1809.00	-
7.5	WU-DF160LV	2375.20	160W415239
11	WU-DF180LM	3119.60	180W475221
15	WU-DF200LNx	3878.80	200W911802
18.5	WU-DF225SN	5077.60	225W921802
22	WU-DF225MN	6545.70	225W921803
30	WU-DF250MNE	8563.60	-
37	WU-DF280SNE	10299.20	-
45	WU-DF280MNE	12035.00	-
55	WU-DF315SNE	14134.30	-
75	WU-DF315MNE	16575.50	-
90	WU-DF315MN	18906.70	-
110	WU-DF315LN	21440.50	-
132	WU-DF355SJ	23896.50	-
150	WU-DF355SN	26943.10	-
160	WU-DF355SN	30466.50	-
185	WU-DF355MJ	34739.30	-
200	WU-DF355MN	39648.00	-
225	WU-DF355LN	44507.90	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
WU-DF80MG-D	335.70	-
WU-DF80MM-D	379.90	-
WU-DF90SG-D	422.60	-
WU-DF90LM-D	487.50	-
WU-DF100LR-D	572.90	-
WU-DF100LS-D	614.90	-
WU-DF112MS-D	718.20	-
WU-DF132SM-D	903.40	-
WU-DF132MR-D	1135.10	-
WU-DF160ME-D	1541.30	-
WU-DF160MM-D	1940.60	-
WU-DF160LV-D	2506.80	-
WU-DF180LM-D	3256.90	-
WU-DF200LNx-D	4055.10	-
WU-DF225SN-D	5283.60	-
WU-DF225MN-D	6751.70	-
WU-DF250MNE-D	8865.60	-
WU-DF280SNE-D	10729.30	-
WU-DF280MNE-D	12465.10	-
WU-DF315SNE-D	14798.00	-
WU-DF315MNE-D	17239.20	-
WU-DF315MN-D	19570.40	-
WU-DF315LN-D	22104.20	-
WU-DF355SJ-D	25510.40	-
WU-DF355SN-D	28557.00	-
WU-DF355SN-D	32080.40	-
WU-DF355MJ-D	36353.20	-
WU-DF355MN-D	41261.90	-
WU-DF355LN-D	46121.80	-

# W cast iron (BS)



Outputs conforming to BS 5000 pt 10 appendix A  
6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>)

## Specification

- Safe area cast iron construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - upto 0.55kW 220-240/380-415V - non IE2
  - 0.75kW to 4kW 230 / 400V - IE2
  - 4kW and above 400 / 690V - IE2
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
WU-DF200 to 355
- Outputs conforming BS 5000 Pt 10 Appendix A

## IE2 Efficiency banding - 6 pole

0.75 to 375kW



- DE located bearing
- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

Foot & Terminal box arrangements			
Frame	Foot	T. Box	EEx nA
80	Integral	<b>R</b> L	No*
90-132	Multi	<b>T R</b> L	No*
160-355	Multi	<b>T R</b> L	Yes

EEx nA = modification to EEx nA  
\* See dedicated EEx nA pages 20-23  
R = Right hand side  
T = Top  
L = Left hand side  
**Bold** - standard position

6 pole (1000min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.37	WU-DF80MG	365.90	-	WU-DF80MG-D	398.40	-
0.55	WU-DF80MM	370.00	-	WU-DF80MM-D	402.50	-
0.75	WU-DF90LTX	477.60	090W227700T	WU-DF90LTX-D	515.70	090W227710T
1.1	WU-DF90LWX	523.00	090W227701T	WU-DF90LWX-D	561.10	090W227711T
1.5	WU-DF100LSF	606.30	100W247700T	WU-DF100LSF-D	651.70	100W247710T
2.2	WU-DF112MT	714.10	112W267700T	WU-DF112MT-D	760.40	112W267710T
3.0	WU-DF132SL	941.10	132W327700T	WU-DF132SL-D	997.50	132W327710T
4.0	WU-DF132MM	1006.50	132W327701T	WU-DF132MM-D	1062.90	132W327711T
5.5	WU-DF132MR	1221.60	132W327702T	WU-DF132MR-D	1278.00	132W327712T
7.5	WU-DF160MM	1573.40	160W417700T	WU-DF160MM-D	1705.00	160W417710T
11	WU-DF160LV	2002.10	160W417701T	WU-DF160LV-D	2133.70	160W417711T
15	WU-DF180LM	2618.30	180W477700T	WU-DF180LM-D	2755.60	180W477710T
18.5	W-DF200LGX	3474.70	200W911604	W-DF200LGX-D	3651.00	-
22	W-DF200LNX	4321.70	200W911605	W-DF200LNX-D	4498.00	-
30	W-DF225MN	5486.20	225W921603	W-DF225MN-D	5692.20	-
37	W-DF250SN	6595.90	250W931604	W-DF250SN-D	6897.90	-
45	W-DF250MN	8081.70	250W931602	W-DF250MN-D	8383.70	-
55	W-DF280SN	9424.90	280W941601	W-DF280SN-D	9855.00	-
75	W-DF280MN	11065.00	280W941603	W-DF280MN-D	11495.10	-
90	W-DF315SN	12935.50	315W951604	W-DF315SN-D	13599.20	-
110	W-DF315MN	15347.50	315W951602	W-DF315MN-D	16011.20	-
132	W-DF315LN	18084.30	315W951603	W-DF315LN-D	18748.00	-
150	W-DF355SG	21537.70	-	W-DF355SG-D	23151.60	-
160	W-DF355SG	24428.60	-	W-DF355SG-D	26042.50	-
185	W-DF355SJ	27209.00	-	W-DF355SJ-D	28822.90	-
200	W-DF355SN	29806.20	-	W-DF355SN-D	31420.10	-
225	W-DF355MJ	32638.40	-	W-DF355MJ-D	34252.30	-
250	W-DF355MN	35263.10	-	W-DF355MN-D	36877.00	-
280	W-DF355LJ	38170.10	-	W-DF355LJ-D	39784.00	-
315	W-DF355LN	41552.50	-	W-DF355LN-D	43166.40	-

8 pole (750min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.18	WU-DF80MG	303.20	-	WU-DF80MG-D	335.70	-
0.25	WU-DF80MM	347.40	-	WU-DF80MM-D	379.90	-
0.37	WU-DF90SG	384.50	-	WU-DF90SG-D	422.60	-
0.55	WU-DF90LM	449.40	-	WU-DF90LM-D	487.50	-
0.75	WU-DF100LR	527.50	-	WU-DF100LR-D	572.90	-
1.1	WU-DF100LS	569.50	100W245202	WU-DF100LS-D	614.90	-
1.5	WU-DF112MS	671.90	112W265114	WU-DF112MS-D	718.20	-
2.2	WU-DF132SM	847.00	-	WU-DF132SM-D	903.40	-
3.0	WU-DF132MR	1078.70	132W325258	WU-DF132MR-D	1135.10	-
4.0	WU-DF160ME	1409.70	-	WU-DF160ME-D	1541.30	-
5.5	WU-DF160MM	1809.00	-	WU-DF160MM-D	1940.60	-
7.5	WU-DF160LV	2375.20	160W415239	WU-DF160LV-D	2506.80	-
11	WU-DF180LM	3119.60	180W475221	WU-DF180LM-D	3256.90	-
15	W-DF200LNX	3878.80	200W911802	W-DF200LNX-D	4055.10	-
18.5	W-DF225SN	5077.60	225W921802	W-DF225SN-D	5283.60	-
22	W-DF225MN	6545.70	225W921803	W-DF225MN-D	6751.70	-
30	W-DF250SN	8563.60	250W931802	W-DF250SN-D	8865.60	-
37	W-DF250MN	10299.20	250W931803	W-DF250MN-D	10601.20	-
45	W-DF280SN	12035.00	280W941801	W-DF280SN-D	12465.10	-
55	W-DF280MN	14134.30	-	W-DF280MN-D	14564.40	-
75	W-DF315SN	16575.50	-	W-DF315SN-D	17239.20	-
90	W-DF315MN	18906.70	-	W-DF315MN-D	19570.40	-
110	W-DF315LN	21440.50	-	W-DF315LN-D	22104.20	-
132	W-DF355SJ	23896.50	-	W-DF355SJ-D	25510.40	-
150	W-DF355SN	26943.10	-	W-DF355SN-D	28557.00	-
160	W-DF355SN	30466.50	-	W-DF355SN-D	32080.40	-
185	W-DF355MJ	34739.30	-	W-DF355MJ-D	36353.20	-
200	W-DF355MN	39648.00	-	W-DF355MN-D	41261.90	-
225	W-DF355LN	44507.90	-	W-DF355LN-D	46121.80	-

# W Aluminium two speed 4 / 2 pole

10

## Pole change (Dahlander) winding

### Specification

- Safe area aluminium construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltages: 380-415V
- 3 phase, 50Hz supply



- High efficiency motors
- Low noise
- Multi-Mount
- Low maintenance
- Dual frequency (50 or 60Hz)
- Full three year warranty

### Notes

Multi-speed outputs available for cast iron frames 80 to 355. Alternative output combinations available on request. Details available from Brook Crompton sales office, distributor or agent.

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

Variable torque						
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.17/0.85	W-DA80MG	264.90	080W205160	W-DA80MG-D	297.40	-
0.25/1.25	W-DA80MM	298.20	080W205156	W-DA80MM-D	330.70	-
0.35/1.5	W-DA90SG	348.90	090W225173	W-DA90SG-D	387.00	-
0.6/2.2	W-DA90LS	415.50	090W225168	W-DA90LS-D	453.60	-
0.56/2.8	W-DA100LJ	520.90	100W245080	W-DA100LJ-D	566.30	-
0.72/3.6	W-DA100LS	585.80	100W245131	W-DA100LS-D	631.20	-
1.0/5.0	W-DA112MS	699.50	112W265061	W-DA112MS-D	745.80	-
1.4/7.2	W-DA132SJ	962.10	-	W-DA132SJ-D	1018.50	-
1.8/9.0	W-DA132MR	1143.80	-	W-DA132MR-D	1200.20	-
2.2/11	W-DA132MVX	1207.20	-	W-DA132MVX-D	1263.60	-
3.0/15	W-DA160MJ	1680.60	-	W-DA160MJ-D	1812.20	-
3.6/18	W-DA160LR	2110.60	-	W-DA160LR-D	2242.20	-
4.4/22	W-DA160LU	2282.50	-	W-DA160LU-D	2414.10	-
5.0/25	W-DA160LX	2426.70	-	W-DA160LX-D	2558.30	-
5.4/27	W-DA180LJ	2800.00	-	W-DA180LJ-D	2937.30	-
6.0/30	W-DA180LM	2962.10	-	W-DA180LM-D	3099.40	-
7.0/35	W-DA180LR	3053.20	-	W-DA180LR-D	3190.50	-

Constant torque						
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.45/0.6	W-DA80MG	264.90	-	W-DA80MG-D	297.40	-
0.67/0.82	W-DA80MM	298.20	-	W-DA80MM-D	330.70	-
1.0/1.4	W-DA90SG	348.90	-	W-DA90SG-D	387.00	-
1.3/1.85	W-DA90LT	415.50	-	W-DA90LT-D	453.60	-
2.0/2.5	W-DA100LJ	520.90	-	W-DA100LJ-D	566.30	-
2.6/3.1	W-DA100LR	585.80	-	W-DA100LR-D	631.20	-
2.7/3.6	W-DA100LS	605.20	-	W-DA100LS-D	650.60	-
3.7/5.0	W-DA112MS	699.50	-	W-DA112MS-D	745.80	-
5.0/6.6	W-DA132SJ	962.10	-	W-DA132SJ-D	1018.50	-
6.2/8.2	W-DA132MR	1143.80	-	W-DA132MR-D	1200.20	-
7.5/11	W-DA132MVX	1207.20	-	W-DA132MVX-D	1263.60	-
10/13.5	W-DA160MJ	1680.60	-	W-DA160MJ-D	1812.20	-
12/16	W-DA160LR	2110.60	-	W-DA160LR-D	2242.20	-
15/20	W-DA160LU	2282.50	-	W-DA160LU-D	2414.10	-
17/22	W-DA160LX	2426.70	-	W-DA160LX-D	2558.30	-
18.5/24	W-DA180LJ	2800.00	-	W-DA180LJ-D	2937.30	-
20/26	W-DA180LM	2962.10	-	W-DA180LM-D	3099.40	-
23/30	W-DA180LR	3053.20	-	W-DA180LR-D	3190.50	-

# W Aluminium two speed 6 / 4 pole

## PAM winding

### Specification

- Safe area aluminium construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltages: 380-415V
- 3 phase, 50Hz supply



- High efficiency motors
- Low noise
- Multi-Mount
- Low maintenance
- Dual frequency (50 or 60Hz)
- Full three year warranty

### Notes

Multi-speed outputs available for cast iron frames 80 to 355. Alternative output combinations available on request. Details available from Brook Crompton sales office.

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

Variable torque				Variable torque			
Foot Mounted (B3)				Flange Mounted (B5)			
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number	
0.16/0.5	W-DA80MG	294.50	-	W-DA80MG-D	327.00	-	
0.22/0.67	W-DA80MM	304.80	-	W-DA80MM-D	337.30	-	
0.3/0.9	W-DA90SG	371.70	-	W-DA90SG-D	409.80	-	
0.45/1.3	W-DA90LT	420.30	-	W-DA90LT-D	458.40	-	
0.75/2.5	W-DA100LJ	469.00	-	W-DA100LJ-D	514.40	-	
1.0/3.3	W-DA100LR	530.60	-	W-DA100LR-D	576.00	-	
1.1/3.7	W-DA100LT	558.20	-	W-DA100LT-D	603.60	-	
1.4/4.6	W-DA112MS	670.10	-	W-DA112MS-D	716.40	-	
1.9/6.4	W-DA132SJ	848.60	-	W-DA132SJ-D	905.00	-	
2.4/8.0	W-DA132MR	1093.50	-	W-DA132MR-D	1149.90	-	
3.0/10	W-DA132MVX	1108.10	-	W-DA132MVX-D	1164.50	-	
3.6/12	W-DA160MM	1675.90	-	W-DA160MM-D	1807.50	-	
4.8/16	W-DA160LV	2074.80	-	W-DA160LV-D	2206.40	-	
5.4/18	W-DA160LX	2125.10	-	W-DA160LX-D	2256.70	-	
6.0/20	W-DA180LM	3067.70	-	W-DA180LM-D	3205.00	-	
6.6/22	W-DA180LR	3156.90	-	W-DA180LR-D	3294.20	-	

Constant torque				Constant torque			
Foot Mounted (B3)				Flange Mounted (B5)			
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number	
0.3/0.45	W-DA80MG	294.50	-	W-DA80MG-D	327.00	-	
0.37/0.55	W-DA80MM	304.80	-	W-DA80MM-D	337.30	-	
0.55/0.84	W-DA90SG	371.70	-	W-DA90SG-D	409.80	-	
0.75/1.1	W-DA90LT	420.30	-	W-DA90LT-D	458.40	-	
1.35/2.0	W-DA100LJ	469.00	-	W-DA100LJ-D	514.40	-	
1.6/2.4	W-DA100LR	530.60	-	W-DA100LR-D	576.00	-	
1.9/2.8	W-DA100LT	558.20	-	W-DA100LT-D	603.60	-	
2.5/3.7	W-DA112MS	670.10	-	W-DA112MS-D	716.40	-	
3.5/5.2	W-DA132SJ	848.60	-	W-DA132SJ-D	905.00	-	
4.3/6.4	W-DA132MR	1093.50	-	W-DA132MR-D	1149.90	-	
5.5/8.2	W-DA132MVX	1108.10	-	W-DA132MVX-D	1164.50	-	
6.7/10	W-DA160MM	1675.90	-	W-DA160MM-D	1807.50	-	
8.7/13	W-DA160LV	2074.80	-	W-DA160LV-D	2206.40	-	
10/15	W-DA160LX	2125.10	-	W-DA160LX-D	2256.70	-	
11.5/17	W-DA180LM	3067.70	-	W-DA180LM-D	3205.00	-	
13.5/20	W-DA180LR	3156.90	-	W-DA180LR-D	3294.20	-	



# W Aluminium two speed 8 / 4 pole

12

## Pole change (Dahlander) winding

### Specification

- Safe area aluminium construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltages: 380-415V
- 3 phase, 50Hz supply



- High efficiency motors
- Low noise
- Multi-Mount
- Low maintenance
- Dual frequency (50 or 60Hz)
- Full three year warranty

### Notes

Multi-speed outputs available for cast iron frames 80 to 355. Alternative output combinations available on request. Details available from Brook Crompton sales office, distributor or agent.

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

Variable torque						
Foot Mounted (B3)				Flange Mounted (B5)		
<i>kW</i>	<i>Frame size</i>	<i>Price £</i>	<i>Item Number</i>	<i>Frame size</i>	<i>Price £</i>	<i>Item Number</i>
0.11/0.55	W-DA80MG	273.40	080W205157	W-DA80MG-D	305.90	-
0.15/0.75	W-DA80MM	283.70	080W205158	W-DA80MM-D	316.20	-
0.22/1.1	W-DA90SG	340.60	090W225169	W-DA90SG-D	378.70	-
0.3/1.5	W-DA90LS	381.30	090W225170	W-DA90LS-D	419.40	-
0.48/2.4	W-DA100LJ	449.40	100W245082	W-DA100LJ-D	494.80	-
0.64/3.2	W-DA100LR	504.60	100W245083	W-DA100LR-D	550.00	-
0.8/4.0	W-DA112MS	647.30	112W265062	W-DA112MS-D	693.60	-
1.2/6.0	W-DA132SJ	814.40	-	W-DA132SJ-D	870.80	-
1.6/8.0	W-DA132MR	1054.40	-	W-DA132MR-D	1110.80	-
2.0/10	W-DA132MVX	1069.20	-	W-DA132MVX-D	1125.60	-
2.6/13	W-DA160MJ	1421.10	-	W-DA160MJ-D	1552.70	-
3.2/16	W-DA160LR	1776.50	-	W-DA160LR-D	1908.10	-
4.4/22	W-DA160LX	2052.10	-	W-DA160LX-D	2183.70	-
4.6/23	W-DA180LJ	2625.00	-	W-DA180LJ-D	2762.30	-
5.6/27	W-DA180LM	2962.10	-	W-DA180LM-D	3099.40	-
6.0/30	W-DA180LR	3053.20	-	W-DA180LR-D	3190.50	-

Constant torque						
Foot Mounted (B3)				Flange Mounted (B5)		
<i>kW</i>	<i>Frame size</i>	<i>Price £</i>	<i>Item Number</i>	<i>Frame size</i>	<i>Price £</i>	<i>Item Number</i>
0.18/0.30	W-DA80MG	273.40	-	W-DA80MG-D	305.90	-
0.25/0.5	W-DA80MM	283.70	-	W-DA80MM-D	316.20	080W205159
0.37/0.67	W-DA90SG	340.60	-	W-DA90SG-D	378.70	090W225193
0.6/1.2	W-DA90LT	381.30	-	W-DA90LT-D	419.40	090W225171
0.75/1.1	W-DA100LJ	449.40	-	W-DA100LJ-D	494.80	-
1.1/1.75	W-DA100LR	504.60	-	W-DA100LR-D	550.00	100W245084
1.6/2.4	W-DA112MS	647.30	-	W-DA112MS-D	693.60	-
2.2/3.3	W-DA132SJ	814.40	-	W-DA132SJ-D	870.80	-
3.0/4.5	W-DA132MR	1054.40	-	W-DA132MR-D	1110.80	-
5.0/7.5	W-DA160ME	1292.80	-	W-DA160ME-D	1424.40	-
6.3/9.5	W-DA160MM	1614.30	-	W-DA160MM-D	1745.90	-
8.0/12	W-DA160LV	2000.30	-	W-DA160LV-D	2131.90	-
9.3/14	W-DA160LX	2052.10	-	W-DA160LX-D	2183.70	-
12/18	W-DA180LM	2962.10	-	W-DA180LM-D	3099.40	-
13.5/20	W-DA180LR	3053.20	-	W-DA180LR-D	3190.50	-

## Aluminium & cast iron

### Specification

- CSA and NEMA
- Safe area aluminium or cast iron construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltages: 230, 460 or 575V
- 3 phase, 60Hz supply



- High efficiency motors
- Low noise
- Multi-Mount
- Low maintenance
- Full three year warranty

### Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

North America adopted new minimum efficiency standards in December 2010 (EISA). Please contact Brook Crompton sales office for 'NEMA Premium' efficiency products.

NEMA / Metric frame equivalent	
NEMA frame	Metric frame
143/5	90S/L
182/4	112M
213/5	132S/M
254/6	160M/L
284/6	180M/L
326	200L
364/5	225S/M
404/5	250S/M
444/5	280S/M
504/5	315S/M

2 pole (3600min-1) Foot mounted (B3)					4 pole (1800min-1) Foot mounted (B3)				
Aluminium			Cast Iron		Aluminium			Cast Iron	
hp	Frame size	Price £	Frame size	Price £	hp	Frame size	Price £	Frame size	Price £
-	-	-	-	-	0.25	W-DA56-B	184.10	-	-
0.33	W-DA56-B	202.20	-	-	0.33	W-DA56-B	184.10	-	-
0.5	W-DA56-B	202.20	-	-	0.5	W-DA56-B	184.10	-	-
0.75	W-DA56-B	202.20	-	-	0.75	W-DA56-E	202.20	-	-
1.0	W-DA56-E	220.20	-	-	1.0	W-DA143T-E	234.80	W-DF143T-E	402.40
1.5	W-DA143T-F	254.80	W-DF143T-F	360.30	1.5	W-DA145T-K	272.80	W-DF145T-K	446.30
2.0	W-DA145T-M	301.60	W-DF145T-M	399.10	2.0	W-DA145T-T	324.50	W-DF145T-T	504.60
3.0	W-DA182T-M	366.50	W-DF182T-M	562.80	3.0	W-DA182T-S	394.30	W-DF182T-S	660.30
5.0	W-DA184T-S	485.30	W-DF184T-S	652.30	5.0	W-DA184T-S	506.20	W-DF184T-S	736.50
7.5	W-DA213T-J	665.20	W-DF213T-J	819.40	7.5	W-DA213T-L	684.70	W-DF213T-L	978.40
10	W-DA215T-M	876.10	W-DF215T-M	983.10	10	W-DA215T-R	898.90	W-DF215T-R	1160.00
15	W-DA254T-L	1153.60	W-DF254T-L	1344.90	15	W-DA254T-R	1176.30	W-DF254T-R	1511.90
20	W-DA256T-T	1434.20	W-DF256T-T	1635.30	20	W-DA256T-X	1502.30	W-DF256T-X	1833.30
25	W-DA284TS-F	1779.60	W-DF284TS-F	2002.10	25	W-DA284T-M	1846.20	W-DF284T-M	2207.90
30	W-DA286TS-L	2180.40	W-DF286TS-L	2464.20	30	W-DA286T-R	2220.80	W-DF286T-R	2572.70
40	-	-	W-DF324TS-GX	2925.20	40	-	-	W-DF324T-NX	3075.70
50	-	-	W-DF326TS-NX	3745.60	50	-	-	W-DF326T-N	3773.30
60	-	-	W-DF364TS-N	5149.00	60	-	-	W-DF364T-N	4753.20
75	-	-	W-DF365TS-N	6174.00	75	-	-	W-DF365T-N	5815.80
100	-	-	W-DF405TS-NE	7718.40	100	-	-	W-DF405T-NE	7181.50
125	-	-	W-DF444TS-NE	9749.40	125	-	-	W-DF444T-NE	9201.30
150	-	-	W-DF445TS-NE	12211.90	150	-	-	W-DF445T-NE	11501.30
200	-	-	W-DF445TS-N	15587.60	200	-	-	W-DF445T-N	14213.70
250	-	-	W-DF447TS-N	19206.80	250	-	-	W-DF447T-N	18055.00
300	-	-	W-DF505SZ-R	22587.50	300	-	-	W-DF505Z-R	21665.80

6 pole (1200min-1) Foot mounted (B3)					8 pole (900min-1) Foot mounted (B3)				
Aluminium			Cast Iron		Aluminium			Cast Iron	
hp	Frame size	Price £	Frame size	Price £	hp	Frame size	Price £	Frame size	Price £
0.166	W-DA56-B	238.40	-	-	-	-	-	-	-
0.25	W-DA56-B	238.40	-	-	0.25	W-DA56-G	305.30	-	-
0.33	W-DA56-B	238.40	-	-	0.33	W-DA56-M	327.80	-	-
0.5	W-DA56-G	249.40	-	-	0.5	W-DA143T-G	373.20	W-DF143T-G	488.40
0.75	W-DA143T-G	281.90	W-DF143T-G	402.40	0.75	W-DA145T-M	436.50	W-DF145T-M	567.90
1.0	W-DA145T-T	324.50	W-DF145T-T	456.00	1.0	W-DA182T-M	530.60	W-DF182T-M	618.20
1.5	W-DA182T-M	405.70	W-DF182T-M	686.30	1.5	W-DA184T-S	629.50	W-DF184T-S	626.10
2.0	W-DA184T-S	532.10	W-DF184T-S	738.30	2.0	W-DA213T-J	780.30	W-DF213T-J	807.90
3.0	W-DA213T-F	686.30	W-DF213T-F	944.30	3.0	W-DA215T-R	1023.80	W-DF215T-R	984.70
5.0	W-DA215T-R	921.60	W-DF215T-R	1101.50	5.0	W-DA254T-E	1366.10	W-DF254T-E	1309.40
7.5	W-DA254T-M	1254.10	W-DF254T-M	1612.60	7.5	W-DA256T-M	1860.60	W-DF256T-M	1872.20
10	W-DA256T-T	1598.00	W-DF256T-T	1972.60	10	W-DA284T-F	2326.40	W-DF284T-F	2498.20
15	W-DA284T-L	2066.80	W-DF284T-L	2401.00	15	W-DA286T-M	2918.30	W-DF286T-M	3275.20
20	W-DA286T-M	2636.20	W-DF286T-M	3087.20	20	-	-	W-DF324T-NX	4388.10
25	-	-	W-DF324T-NX	3773.30	25	-	-	W-DF326T-N	5491.30
30	-	-	W-DF326T-N	4631.60	30	-	-	W-DF364T-N	7009.70
40	-	-	W-DF364T-N	5929.30	40	-	-	W-DF365T-N	8839.50
50	-	-	W-DF365T-N	7077.80	50	-	-	W-DF404T-N	10745.50
60	-	-	W-DF404T-N	8493.90	60	-	-	W-DF405T-N	12822.10
75	-	-	W-DF405T-N	10386.90	75	-	-	W-DF444T-N	15128.60
100	-	-	W-DF444T-N	13186.80	100	-	-	W-DF445T-N	18045.20
125	-	-	W-DF445T-N	16466.90	125	-	-	W-DF504Z-N	21284.80
150	-	-	W-DF504Z-N	19657.70	150	-	-	W-DF505Z-N	25134.20
200	-	-	W-DF505Z-N	23671.20					

# Single phase

14

## Capacitor start and run - light starting requirements (fans & pumps) Capacitor start, induction run

### Capacitor start and run specification

- Capacitor start and run single phase
- Light starting requirements for fans and pumps
- Aluminium construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - frames 63 to 90 - 230V ± 10%
  - frames 100 - 240V ± 6%
- 1 phase, 50Hz supply

### Capacitor start, induction run specification

- Capacitor start, induction run single phase
- Good starting requirements
- Aluminium construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - frames 63 to 90 - 230V ± 10%
  - frames 100 - 240V ± 6%
- 1-phase, 50Hz supply

### Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

### Capacitor start and run

2 pole (3000min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.12	PDA63SF	171.50	063D150469	PDA63SF-D	192.30	-
0.18	PDA63SG	184.00	063D150471	PDA63SG-D	204.80	-
0.25	2-PDA71SG	203.00	071D185315	2-PDA71SG-D	224.50	-
0.37	2-PDA71SK	217.00	071D185316	2-PDA71SK-D	238.50	-
0.55	2-PDA71SR	237.20	071D185317	2-PDA71SR-D	258.70	-
0.75	2-PDA80MF	331.00	-	2-PDA80MF-D	363.50	-
1.1	2-PDA80MK	371.70	-	2-PDA80MK-D	404.20	-
1.5	2-PDA90SJ	426.60	-	2-PDA90SJ-D	464.70	-
2.2	2-PDA90LS	592.30	-	2-PDA90LS-D	630.40	-

4 pole (1500min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.09	PDA63SF	171.50	063D150470	PDA63SF-D	192.30	-
0.12	PDA63SG	184.00	063D150472	PDA63SG-D	204.80	-
0.18	2-PDA71SJ	196.00	071D185318	2-PDA71SJ-D	217.50	-
0.25	2-PDA71SK	217.00	071D185319	2-PDA71SK-D	238.50	-
0.37	2-PDA71SR	237.20	071D185320	2-PDA71SR-D	258.70	-
0.55	2-PDA80MG	311.70	080D205210	2-PDA80MG-D	344.20	-
0.75	2-PDA80MR	331.00	-	2-PDA80MR-D	363.50	-
1.1	2-PDA90SK	384.50	-	2-PDA90SK-D	422.60	-
1.5	2-PDA90LT	498.00	-	2-PDA90LT-D	536.10	-

6 pole (1000min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.37	2-PDA90SK	382.90	-	2-PDA90SK-D	421.00	-
0.55	2-PDA90LT	498.00	-	2-PDA90LT-D	536.10	-
0.75	PDA100LZ	704.20	-	PDA100LZ-D	749.60	-

### Capacitor start, induction run

2 pole (3000min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.09	EDA63MF	160.80	-	EDA63MF-D	181.60	-
0.12	EDA63MG	181.50	063D150467	EDA63MG-D	202.30	-
0.18	2-EDA71MG	196.00	071D185300	2-EDA71MG-D	217.50	-
0.25	2-EDA71MK	212.00	071D185301	2-EDA71MK-D	233.50	071D185302
0.37	2-EDA71MR	220.30	071D185303	2-EDA71MR-D	241.80	071D185304
0.55	2-EDA80MF	263.20	080D205193	2-EDA80MF-D	295.70	080D205194
0.75	2-EDA80MK	365.20	080D205195	2-EDA80MK-D	397.70	080D205196
1.1	2-EDA90SJ	423.50	090D225078	2-EDA90SJ-D	461.60	090D225079
1.5	2-EDA90LS	470.50	090D225083	2-EDA90LS-D	508.60	090D225084
2.2	EDA100LZ	582.50	-	EDA100LZ-D	627.90	-

4 pole (1500min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.07	EDA63MF	181.50	-	EDA63MF-D	202.30	-
0.09	EDA63MG	181.50	063D150468	EDA63MG-D	202.30	-
0.12	2-EDA71MG	190.10	071D185305	2-EDA71MG-D	211.60	-
0.18	2-EDA71MK	201.70	071D185306	2-EDA71MK-D	223.20	071D185307
0.25	2-EDA71MR	220.30	071D185308	2-EDA71MR-D	241.80	071D185309
0.37	2-EDA80MG	262.90	080D205221	2-EDA80MG-D	295.40	-
0.55	2-EDA80MR	345.60	080D205222	2-EDA80MR-D	378.10	-
0.75	2-EDA90LK	374.90	090D225246	2-EDA90LK-D	413.00	-
1.0	2-EDA90LT	428.40	090D225262	2-EDA90LT-D	466.50	-
1.5	EDA100LZ	624.70	100D240743	EDA100LZ-D	670.10	-

# Single phase

## Capacitor start, capacitor run

### Specification

- Capacitor start and run single phase
- High starting performance with high power factor
- Aluminium construction
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - frames 63 to 90 - 230V ± 10%
  - frames 100 - 240V ± 6%
- 1 phase, 50Hz supply

### Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

\* 240 / 480 volt ± 6%

### Capacitor start, capacitor run

2 pole (3000min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Frame size	Price £	Item Number
kW	Frame size	Price £	Item Number			
0.55	2-TDA71MR	263.20	071D185291	2-TDA71MR-D	284.70	071D185292
0.75	2-TDA80MF	345.60	-	2-TDA80MF-D	378.10	-
1.1	2-TDA80MK	390.90	080D205198	2-TDA80MK-D	423.40	080D205199
1.5	2-TDA90SJ	454.30	090D225081	2-TDA90SJ-D	492.40	090D225082
2.2	2-TDA90LS	644.10	090D225266	2-TDA90LS-D	682.20	090D225267
3.0	TDA100LZ	788.40	100D240739	TDA100LZ-D	833.80	-

4 pole (1500min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Frame size	Price £	Item Number
kW	Frame size	Price £	Item Number			
0.25	2-TDA71MK	226.80	-	2-TDA71MK-D	248.30	-
0.37	2-TDA71MR	248.10	071D185327	2-TDA71MR-D	269.60	071D185293
0.55	2-TDA80MG	342.40	-	2-TDA80MG-D	374.90	-
0.75	2-TDA80MR	355.30	080D205211	2-TDA80MR-D	387.80	080D205212
1.1	2-TDA90SK	405.70	090D225224	2-TDA90SK-D	443.80	090D225225
1.5	2-TDA90LT	538.70	090D225226	2-TDA90LT-D	576.80	090D225227
2.2	TDA100LZ	720.40	100D241131	TDA100LZ-D	765.80	-
2.2	TDA100LZ †	720.40	100D241148	T-DA100LZ-D †	765.80	-
3.0	TDA112MZ †	942.60	112D260588	TDA112MZ-D †	988.90	-

4 pole (1500min <sup>-1</sup> )			
Face Mounted (B14)			
kW	Frame size	Price £	Item Number
0.37	2-TDA71MR-C	269.60	071D185294

6 pole (1000min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Frame size	Price £	Item Number
kW	Frame size	Price £	Item Number			
0.37	2-TDA90SK	405.70	-	2-TDA90SK-D	443.80	-
0.55	2-TDA90LT	538.70	-	2-TDA90LT-D	576.80	-
0.75	TDA100LZ	694.30	-	TDA100LZ-D	739.70	-

# Ex d, Zone 1, (IEC)



16

Outputs conforming to IEC 60034  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

## Specification

- ATEX compliant
- II 2G Ex d IIB T4 Gb
- Euronorm EN60079-0, EN60079-1 & EN60079-7
- Temperature Class T4
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames W-UEF200 to 315
- Outputs conforming to IEC 60034



- High efficiency motors
- Low noise
- Low maintenance
- Dual frequency (50 or 60Hz)
- Full three year warranty
- Increased safety terminals and terminal box on request
- Enclosure group IIC available on request for frames W-UEF200 to 315

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

Thermistors **must** be fitted for the following

applications:

- Inverter rated
- Short time rated
- Non ventilated (IC418)
- Two speed motors

We recommend the fitting of thermistors for motors used in high ambient operation.

2 pole (3000min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
1.1	W-EF90SG	923.10	090E225276
1.5	W-EF90SG	923.10	090E225277
2.2	W-EF90LM	1083.70	090E225278
3.0	W-EF100LR	1163.30	100E245217
4.0	W-EF112MG	1424.30	112E300915
5.5	W-EF132SF	1706.50	132E325347
7.5	W-EF132SJ	2102.30	132E325348
11	W-EF160MF	2509.60	160E415316
15	W-EF160MJ	2918.30	160E415317
18.5	W-EF160LR	3526.90	160E415318
22	W-EF180ML	4475.70	180E475264
30	W-UEF200LN	6136.80	200E915204
37	W-UEF200LN	7781.60	200E915205
45	W-UEF225MN	9793.30	225E925202
55	W-UEF250MNE	11892.40	250E935102
75	W-UEF280SNE	14302.80	280E945102
90	W-UEF280MNE	16711.90	280E945103
110	W-UEF315SNE	19626.80	-
132	W-UEF315MNE	22749.60	-
150	W-UEF315MN	25504.10	-
160	W-UEF315MP	28135.50	-
185	W-UEF315LN	30909.30	-
200	W-UEF315LN	34163.40	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
W-EF90SG-D	995.90	090E225279
W-EF90SG-D	995.90	090E225580
W-EF90LM-D	1156.50	090E225281
W-EF100LR-D	1252.00	100E245218
W-EF112MG-D	1529.90	112E300916
W-EF132SF-D	1818.80	132E325349
W-EF132SJ-D	2214.60	132E325350
W-EF160MF-D	2714.60	160E415319
W-EF160MJ-D	3123.30	160E415320
W-EF160LR-D	3731.90	160E415321
W-EF180ML-D	4689.70	180E475265
W-UEF200LN-D	6362.20	-
W-UEF200LN-D	8007.00	-
W-UEF225MN-D	10144.00	-
W-UEF250MNE-D	12424.70	-
W-UEF280SNE-D	14999.00	-
W-UEF280MNE-D	17408.10	-
W-UEF315SNE-D	20553.20	-
W-UEF315MNE-D	23676.00	-
W-UEF315MN-D	26430.50	-
W-UEF315MP-D	29061.90	-
W-UEF315LN-D	31835.70	-
W-UEF315LN-D	35089.80	-

4 pole (1500min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.55	W-EF90SG	806.30	090E225282
0.75	W-EF90SG	806.30	090E225283
1.1	W-EF90SG	806.30	090E225284
1.5	W-EF90LK	893.90	090E225285
2.2	W-EF100LJ	971.80	100E245219
3.0	W-EF100LS	1119.40	100E245220
4.0	W-EF112MK	1341.60	112E300917
5.5	W-EF132SJ	1625.70	132E325351
7.5	W-EF132MS	2003.60	132E325352
11	W-EF160MJ	2522.70	160E415322
15	W-EF160LR	3208.60	160E415323
18.5	W-EF180MJ	3995.70	180E475266
22	W-EF180LM	4701.20	180E475267
30	W-UEF200LN	5845.00	200E915402
37	W-UEF225SN	7329.10	225E925402
45	W-UEF225MN	9068.20	225E925403
55	W-UEF250MNE	11326.30	250E935101
75	W-UEF280SNE	13621.40	280E945101
90	W-UEF280MNE	15917.00	280E945104
110	W-UEF315SNE	18692.50	-
132	W-UEF315MNE	21665.80	-
150	W-UEF315MN	24289.10	-
160	W-UEF315MP	26795.30	-
185	W-UEF315LN	29159.00	-
200	W-UEF315LN	32536.20	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
W-EF90SG-D	879.10	090E225286
W-EF90SG-D	879.10	090E225287
W-EF90SG-D	879.10	090E225288
W-EF90LK-D	966.70	090E225289
W-EF100LJ-D	1060.50	100E245221
W-EF100LS-D	1208.10	100E245222
W-EF112MK-D	1447.20	112E300918
W-EF132SJ-D	1738.00	132E325353
W-EF132MS-D	2115.90	132E325354
W-EF160MJ-D	2727.70	160E415324
W-EF160LR-D	3413.60	160E415325
W-EF180MJ-D	4209.70	180E475268
W-EF180LM-D	4915.20	180E475269
W-UEF200LN-D	6070.40	-
W-UEF225SN-D	7679.80	-
W-UEF225MN-D	9418.90	-
W-UEF250MNE-D	11858.60	-
W-UEF280SNE-D	14317.60	-
W-UEF280MNE-D	16613.20	-
W-UEF315SNE-D	19618.90	-
W-UEF315MNE-D	22592.20	-
W-UEF315MN-D	25215.50	-
W-UEF315MP-D	27721.70	-
W-UEF315LN-D	30085.40	-
W-UEF315LN-D	33462.60	-



# Ex d, Zone 1, (BS)

Outputs conforming to BS 5000 pt 10 appendix A  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

## Specification

- ATEX compliant
- II 2G Ex d IIB T4 Gb
- Euronorm EN60079-0, EN60079-1 & EN60079-7
- Temperature Class T4
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames W-EF200 to 315
- Outputs conforming to BS 5000 Pt 10 Appendix A



- High efficiency motors
- Low noise
- Low maintenance
- Dual frequency (50 or 60Hz)
- Full three year warranty
- Increased safety terminals and terminal box on request
- Enclosure group IIC available on request for frames W-EF200 to 315

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

Thermistors **must** be fitted for the following applications:

- Inverter rated
- Short time rated
- Non ventilated (IC418)
- Two speed motors

We recommend the fitting of thermistors for motors used in high ambient operation.

2 pole (3000min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
1.1	W-EF90SG	923.10	090E225276
1.5	W-EF90SG	923.10	090E225277
2.2	W-EF90LM	1083.70	090E225278
3.0	W-EF100LR	1163.30	100E245217
4.0	W-EF112MG	1424.30	112E300915
5.5	W-EF132SF	1706.50	132E325347
7.5	W-EF132SJ	2102.30	132E325348
11	W-EF160MF	2509.60	160E415316
15	W-EF160MJ	2918.30	160E415317
18.5	W-EF160LR	3526.90	160E415318
22	W-EF180ML	4475.70	180E475264
30	W-EF200LN	6136.80	200E915204
37	W-EF200LN	7781.60	200E915205
45	W-EF225MN	9793.30	225E925202
55	W-EF250SN	11892.40	250E935202
75	W-EF250MN	14302.80	250E935203
90	W-EF280SN	16711.90	280E945201
110	W-EF280MN	19626.80	280E945202
132	W-EF315SN	22749.60	-
150	W-EF315MN	25504.10	-
160	W-EF315MP	28135.50	-
185	W-EF315LN	30909.30	-
200	W-EF315LN	34163.40	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
W-EF90SG-D	995.90	090E225279
W-EF90SG-D	995.90	090E225280
W-EF90LM-D	1156.50	090E225281
W-EF100LR-D	1252.00	100E245218
W-EF112MG-D	1529.90	112E300916
W-EF132SF-D	1818.80	132E325349
W-EF132SJ-D	2214.60	132E325350
W-EF160MF-D	2714.60	160E415319
W-EF160MJ-D	3123.30	160E415320
W-EF160LR-D	3731.90	160E415321
W-EF180ML-D	4689.70	180E475265
W-EF200LN-D	6362.20	-
W-EF200LN-D	8007.00	-
W-EF225MN-D	10144.00	-
W-EF250SN-D	12424.70	-
W-EF250MN-D	14835.10	-
W-EF280SN-D	17408.10	-
W-EF280MN-D	20323.00	-
W-EF315SN-D	23676.00	-
W-EF315MN-D	26430.50	-
W-EF315MP-D	29061.90	-
W-EF315LN-D	31835.70	-
W-EF315LN-D	35089.80	-

4 pole (1500min <sup>-1</sup> )			
Foot Mounted (B3)			
kW	Frame size	Price £	Item Number
0.55	W-EF90SG	806.30	090E225282
0.75	W-EF90SG	806.30	090E225283
1.1	W-EF90SG	806.30	090E225284
1.5	W-EF90LK	893.90	090E225285
2.2	W-EF100LJ	971.80	100E245219
3.0	W-EF100LS	1119.40	100E245220
4.0	W-EF112MK	1341.60	112E300917
5.5	W-EF132SJ	1625.70	132E325351
7.5	W-EF132MS	2003.60	132E325352
11	W-EF160MJ	2522.70	160E415322
15	W-EF160LR	3208.60	160E415323
18.5	W-EF180MJ	3995.70	180E475266
22	W-EF180LM	4701.20	180E475267
30	W-EF200LN	5845.00	200E915402
37	W-EF225SN	7329.10	225E925402
45	W-EF225MN	9068.20	225E925403
55	W-EF250SN	11326.30	250E935401
75	W-EF250MN	13621.40	250E935402
90	W-EF280SN	15917.00	280E945401
110	W-EF280MN	18692.50	280E945402
132	W-EF315SN	21665.80	-
150	W-EF315MN	24289.10	-
160	W-EF315MP	26795.30	-
185	W-EF315LN	29159.00	-
200	W-EF315LN	32536.20	-

Flange Mounted (B5)		
Frame size	Price £	Item Number
W-EF90SG-D	879.10	090E225286
W-EF90SG-D	879.10	090E225287
W-EF90SG-D	879.10	090E225288
W-EF90LK-D	966.70	090E225289
W-EF100LJ-D	1060.50	100E245221
W-EF100LS-D	1208.10	100E245222
W-EF112MK-D	1447.20	112E300918
W-EF132SJ-D	1738.00	132E325353
W-EF132MS-D	2115.90	132E325354
W-EF160MJ-D	2727.70	160E415324
W-EF160LR-D	3413.60	160E415325
W-EF180MJ-D	4209.70	180E475268
W-EF180LM-D	4915.20	180E475269
W-EF200LN-D	6070.40	-
W-EF225SN-D	7679.80	-
W-EF225MN-D	9418.90	-
W-EF250SN-D	11858.60	-
W-EF250MN-D	14153.70	-
W-EF280SN-D	16613.20	-
W-EF280MN-D	19388.70	-
W-EF315SN-D	22592.20	-
W-EF315MN-D	25215.50	-
W-EF315MP-D	27721.70	-
W-EF315LN-D	30085.40	-
W-EF315LN-D	33462.60	-



# Ex d, Zone 1, (IEC)

18

Outputs conforming to IEC 60034  
6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>)

## Specification

- ATEX compliant
- **CE** II 2G Ex d IIB T4 Gb
- Euronorm EN60079-0, EN60079-1 & EN60079-7
- Temperature Class T4
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames W-UEF200 to 315
- Outputs conforming to IEC 60034



- High efficiency motors
- Low noise
- Low maintenance
- Dual frequency (50 or 60Hz)
- Full three year warranty
- Increased safety terminals and terminal box on request
- Enclosure group IIC available on request for frames W-UEF200 to 315

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

\* only available for Temperature Class T3

Thermistors **must** be fitted for the following applications:

- Inverter rated
- Short time rated
- Non ventilated (IC418)
- Two speed motors

We recommend the fitting of thermistors for motors used in high ambient operation.

6 pole (1000min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Frame size	Price £	Item Number
kW	Frame size	Price £	Item Number			
0.37	W-EF90SG	820.90	090E225290	W-EF90SG-D	893.70	-
0.55	W-EF90SG	858.20	090E225291	W-EF90SG-D	931.00	-
0.75	W-EF90SG	893.90	090E225292	W-EF90SG-D	966.70	090E225294
1.1	W-EF90LS	991.20	090E225293	W-EF90LS-D	1064.00	090E225295
1.5	W-EF100LR	1088.60	100E245223	W-EF100LR-D	1177.30	100E245224
2.2	W-EF112MK	1489.20	112E300919	W-EF112MK-D	1594.80	112E300920
3.0	W-EF132SG	1804.10	132E325355	W-EF132SG-D	1916.40	132E325358
4.0	W-EF132ML	2165.90	132E325356	W-EF132ML-D	2278.20	132E325359
5.5	W-EF132MR *	2512.70	132E325357	W-EF132MR-D *	2625.00	132E325360
7.5	W-EF160MM	2950.70	160E415326	W-EF160MM-D	3155.70	160E415328
11	W-EF160LV	3754.00	160E415327	W-EF160LV-D	3959.00	160E415329
15	W-EF180LM	5077.60	180E475270	W-EF180LM-D	5291.60	180E475271
18.5	W-UEF200LN	6489.00	200E915601	W-UEF200LN-D	6714.40	-
22	W-UEF200LN	8276.60	200E915602	W-UEF200LN-D	8502.00	-
30	W-UEF225MN	10245.70	225E915602	W-UEF225MN-D	10596.40	-
37	W-UEF250MNE	12572.00	-	W-UEF250MNE-D	13104.30	-
45	W-UEF280SNE	15120.60	-	W-UEF280SNE-D	15816.80	-
55	W-UEF280MNE	17667.30	-	W-UEF280MNE-D	18363.50	-
75	W-UEF315SNE	20747.90	-	W-UEF315SNE-D	21674.30	-
90	W-UEF315MNE	24050.50	-	W-UEF315MNE-D	24976.90	-
110	W-UEF315MN	26959.30	-	W-UEF315MN-D	27885.70	-
132	W-UEF315LN	32367.50	-	W-UEF315LN-D	33293.90	-

8 pole (750min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Frame size	Price £	Item Number
kW	Frame size	Price £	Item Number			
0.37	W-EF90SG	939.40	-	W-EF90SG-D	1012.20	-
0.55	W-EF90LM	1041.70	-	W-EF90LM-D	1114.50	-
0.75	W-EF100LR	1143.80	-	W-EF100LR-D	1232.50	-
1.1	W-EF100LS *	1351.50	-	W-EF100LS-D *	1440.20	-
1.5	W-EF112MK	1564.00	-	W-EF112MK-D	1669.60	-
2.2	W-EF132SM	1894.80	-	W-EF132SM-D	2007.10	-
3.0	W-EF132MR	2337.70	-	W-EF132MR-D	2450.00	-
4.0	W-EF160ME	2981.70	-	W-EF160ME-D	3186.70	-
5.5	W-EF160MM	3705.20	-	W-EF160MM-D	3910.20	-
7.5	W-EF160LV	4428.90	-	W-EF160LV-D	4633.90	-
11	W-EF180LM	5621.10	-	W-EF180LM-D	5835.10	-
15	W-UEF200LN	6810.10	-	W-UEF200LN-D	7035.50	-
18.5	W-UEF225SN	8785.90	-	W-UEF225SN-D	9136.60	-
22	W-UEF225MN	10760.00	-	W-UEF225MN-D	11110.70	-
30	W-UEF250MNE	13199.70	-	W-UEF250MNE-D	13732.00	-
37	W-UEF280SNE	15876.60	-	W-UEF280SNE-D	16572.80	-
45	W-UEF280MNE	18549.90	-	W-UEF280MNE-D	19246.10	-
55	W-UEF315SNE	21786.00	-	W-UEF315SNE-D	22712.40	-
75	W-UEF315MNE	25252.70	-	W-UEF315MNE-D	26179.10	-
90	W-UEF315MN	28847.50	-	W-UEF315MN-D	29773.90	-
110	W-UEF315LN	33984.90	-	W-UEF315LN-D	34911.30	-



# Ex d, Zone 1, (BS)

Outputs conforming to BS 5000 pt 10 appendix A  
6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>)

## Specification

- ATEX compliant
- II 2G Ex d IIB T4 Gb
- Euronorm EN60079-0, EN60079-1 & EN60079-7
- Temperature Class T4
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames W-EF200 to 315
- Outputs conforming to BS 5000 Pt 10 Appendix A



- High efficiency motors
- Low noise
- Low maintenance
- Dual frequency (50 or 60Hz)
- Full three year warranty
- Increased safety terminals and terminal box on request
- Enclosure group IIC available on request for frames W-EF200 to 315

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

\* only available for Temperature Class T3

Thermistors **must** be fitted for the following applications:

- Inverter rated
- Short time rated
- Non ventilated (IC418)
- Two speed motors

We recommend the fitting of thermistors for motors used in high ambient operation.

6 pole (1000min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Frame size	Price £	Item Number
kW	Frame size	Price £	Item Number			
0.37	W-EF90SG	820.90	090E225290	W-EF90SG-D	893.70	-
0.55	W-EF90SG	858.20	090E225291	W-EF90SG-D	931.00	-
0.75	W-EF90SG	893.90	090E225292	W-EF90SG-D	966.70	090E225294
1.1	W-EF90LS	991.20	090E225293	W-EF90LS-D	1064.00	090E225295
1.5	W-EF100LR	1088.60	100E245223	W-EF100LR-D	1177.30	100E245224
2.2	W-EF112MK	1489.20	112E300919	W-EF112MK-D	1594.80	112E300920
3.0	W-EF132SG	1804.10	132E325355	W-EF132SG-D	1916.40	132E325358
4.0	W-EF132ML	2165.90	132E325356	W-EF132ML-D	2278.20	132E325359
5.5	W-EF132MR *	2512.70	132E325357	W-EF132MR-D *	2625.00	132E325360
7.5	W-EF160MM	2950.70	160E415326	W-EF160MM-D	3155.70	160E415328
11	W-EF160LV	3754.00	160E415327	W-EF160LV-D	3959.00	160E415329
15	W-EF180LM	5077.60	180E475270	W-EF180LM-D	5291.60	180E475271
18.5	W-EF200LN	6489.00	200E915601	W-EF200LN-D	6714.40	-
22	W-EF200LN	8276.60	200E915602	W-EF200LN-D	8502.00	-
30	W-EF225MN	10245.70	225E925602	W-EF225MN-D	10596.40	-
37	W-EF250SN	12572.00	250E935601	W-EF250SN-D	13104.30	-
45	W-EF250MN	15120.60	250E935602	W-EF250MN-D	15652.90	-
55	W-EF280SN	17667.30	280E945601	W-EF280SN-D	18363.50	-
75	W-EF280MN	20747.90	280E945602	W-EF280MN-D	21444.10	-
90	W-EF315SN	24050.50	-	W-EF315SN-D	24976.90	-
110	W-EF315MN	26959.30	-	W-EF315MN-D	27885.70	-
132	W-EF315LN	32367.50	-	W-EF315LN-D	33293.90	-

8 pole (750min <sup>-1</sup> )				Flange Mounted (B5)		
Foot Mounted (B3)				Frame size	Price £	Item Number
kW	Frame size	Price £	Item Number			
0.37	W-EF90SG	939.40	-	W-EF90SG-D	1012.20	-
0.55	W-EF90LM	1041.70	-	W-EF90LM-D	1114.50	-
0.75	W-EF100LR	1143.80	-	W-EF100LR-D	1232.50	-
1.1	W-EF100LS *	1351.50	-	W-EF100LS-D *	1440.20	-
1.5	W-EF112MK	1564.00	-	W-EF112MK-D	1669.60	-
2.2	W-EF132SM	1894.80	-	W-EF132SM-D	2007.10	-
3.0	W-EF132MR	2337.70	-	W-EF132MR-D	2450.00	-
4.0	W-EF160ME	2981.70	-	W-EF160ME-D	3186.70	-
5.5	W-EF160MM	3705.20	-	W-EF160MM-D	3910.20	-
7.5	W-EF160LV	4428.90	-	W-EF160LV-D	4633.90	-
11	W-EF180LM	5621.10	-	W-EF180LM-D	5835.10	-
15	W-EF200LN	6810.10	-	W-EF200LN-D	7035.50	-
18.5	W-EF225SN	8785.90	-	W-EF225SN-D	9136.60	-
22	W-EF225MN	10760.00	-	W-EF225MN-D	11110.70	-
30	W-EF250SN	13199.70	-	W-EF250SN-D	13732.00	-
37	W-EF250MN	15876.60	-	W-EF250MN-D	16408.90	-
45	W-EF280SN	18549.90	-	W-EF280SN-D	19246.10	-
55	W-EF280MN	21786.00	-	W-EF280MN-D	22482.20	-
75	W-EF315SN	25252.70	-	W-EF315SN-D	26179.10	-
90	W-EF315MN	28847.50	-	W-EF315MN-D	29773.90	-
110	W-EF315LN	33984.90	-	W-EF315LN-D	34911.30	-





# W EEx nA, Zone 2, T3, (IEC)

20

Outputs conforming to IEC 60034  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

## Specification

- ATEX compliant
- II 3G EEx nA II T3
- W EEx nA Zone 2
- Euronorm EN50014 and EN50021
- Temperature Class T3
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
WU-DF200 to 355
- Outputs conforming to IEC 60034



- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

2 pole (3000min <sup>-1</sup> )						
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.75	W-DF80ME	309.00	-	W-DF80ME-D	341.50	-
1.1	W-DF80MJ	329.60	080D205230	W-DF80MJ-D	362.10	080D205231
1.5	W-DF90SF	368.30	090D225268	W-DF90SF-D	406.40	090W225269
2.2	W-DF90LM	436.50	090D225272	W-DF90LM-D	474.60	090D225273
3.0	W-DF100LJ	520.90	100W245245	W-DF100LJ-D	566.30	-
4.0	W-DF112MM	629.50	112W265160	W-DF112MM-D	675.80	-
5.5	W-DF132SE	759.40	132W325427	W-DF132SE-D	815.80	-
7.5	W-DF132SJ	940.90	132W325428	W-DF132SJ-D	997.30	-
11	W-DF160MB	1439.30	160W500833	W-DF160MB-D	1570.90	160W500889
15	W-DF160MJ	1568.70	160W500790	W-DF160MJ-D	1700.30	-
18.5	W-DF160LR	1938.60	160W500808	W-DF160LR-D	2070.20	160W500816
22	W-DF180ME	2393.00	180W500650	W-DF180ME-D	2530.30	-
30	WU-DF200LGX	3112.70	-	WU-DF200LGX-D	3289.00	-
37	WU-DF200LNx	3804.20	-	WU-DF200LNx-D	3980.50	-
45	WU-DF225MN	4891.00	-	WU-DF225MN-D	5097.00	-
55	WU-DF250MNE	6255.30	-	WU-DF250MNE-D	6557.30	-
75	WU-DF280SNE	7694.20	-	WU-DF280SNE-D	8124.30	-
90	WU-DF280MNE	9220.80	-	WU-DF280MNE-D	9650.90	-
110	WU-DF315SNE	11235.10	-	WU-DF315SNE-D	11898.80	-
132	WU-DF315MNE	12830.00	-	WU-DF315MNE-D	13493.70	-
150	WU-DF315MN	15178.80	-	WU-DF315MN-D	15842.50	-
160	WU-DF315MP	17672.10	-	WU-DF315MP-D	18335.80	-
185	WU-DF315LN	20292.00	-	WU-DF315LN-D	20955.70	-
200	WU-DF315LN *	22731.80	-	WU-DF315LN-D *	23395.50	-
225	WU-DF355SG	25445.70	-	WU-DF355SG-D	27059.60	-
250	WU-DF355SJ	27804.20	-	WU-DF355SJ-D	29418.10	-
280	WU-DF355SN	30667.60	-	WU-DF355SN-D	32281.50	-
315	WU-DF355MJ	33439.90	-	WU-DF355MJ-D	35053.80	-
355	WU-DF355MN	36228.50	-	WU-DF355MN-D	37842.40	-
400	WU-DF355LN	39123.90	-	WU-DF355LN-D	40737.80	-

4 pole (1500min <sup>-1</sup> )						
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.55	W-DF80ME	310.20	-	W-DF80ME-D	342.70	-
0.75	W-DF80MG	324.50	080D205232	W-DF80MG-D	357.00	080D205233
1.1	W-DF90SE	360.30	090D225270	W-DF90SE-D	398.40	090D225271
1.5	W-DF90LK	416.90	090D225274	W-DF90LK-D	455.00	090D225275
2.2	W-DF100LJ	479.90	100W245246	W-DF100LJ-D	525.30	-
3.0	W-DF100LR	515.90	100W245247	W-DF100LR-D	561.30	-
4.0	W-DF112MS	614.90	112W265161	W-DF112MS-D	661.20	-
5.5	W-DF132SJ	778.70	132W325429	W-DF132SJ-D	835.10	-
7.5	W-DF132MR	984.70	132W325430	W-DF132MR-D	1041.10	-
11	W-DF160MJ	1490.00	160W500805	W-DF160MJ-D	1621.60	-
15	W-DF160LR	1635.30	160W500810	W-DF160LR-D	1766.90	-
18.5	W-DF180ME	2036.00	180W500635	W-DF180ME-D	2173.30	-
22	W-DF180LJ	2451.40	180W500636	W-DF180LJ-D	2588.70	-
30	WU-DF200LNx	3046.60	-	WU-DF200LNx-D	3222.90	-
37	WU-DF225SN	3844.90	-	WU-DF225SN-D	4050.90	-
45	WU-DF225MN	4756.50	-	WU-DF225MN-D	4962.50	-
55	WU-DF250MNE	5940.80	250W500209	WU-DF250MNE-D	6242.80	-
75	WU-DF280SNE	7144.20	280W500116	WU-DF280SNE-D	7574.30	-
90	WU-DF280MNE	8346.20	280W500119	WU-DF280MNE-D	8776.30	-
110	WU-DF315SNE	10912.60	-	WU-DF315SNE-D	11576.30	-
132	WU-DF315MNE	13293.90	-	WU-DF315MNE-D	13957.60	-
150	WU-DF315MN	13743.20	-	WU-DF315MN-D	14406.90	-
160	WU-DF315MP	16001.30	-	WU-DF315MP-D	16665.00	-
185	WU-DF315LN	18267.60	-	WU-DF315LN-D	18931.30	-
200	WU-DF315LN	20574.30	-	WU-DF315LN-D	21238.00	-
225	WU-DF355SG	22882.50	-	WU-DF355SG-D	24496.40	-
250	WU-DF355SJ	25233.40	-	WU-DF355SJ-D	26847.30	-
280	WU-DF355SN	27757.40	-	WU-DF355SN-D	29371.30	-
315	WU-DF355MJ	30293.70	-	WU-DF355MJ-D	31907.60	-
355	WU-DF355MN	32649.70	-	WU-DF355MN-D	34263.60	-
400	WU-DF355LN	35099.20	-	WU-DF355LN-D	36713.10	-

# W EEx nA, Zone 2, T3, (BS)



Outputs conforming to BS 5000 pt 10 appendix A  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

21

## Specification

- ATEX compliant
- II 3G EEx nA II T3
- W EEx nA Zone 2
- Euronorm EN 50015 and EN 50021
- Temperature Class T3
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
W-DF200 to 355
- Outputs conforming to BS 5000 Pt 10  
Appendix A



- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

\*400V only

2 pole (3000min <sup>-1</sup> )						
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.75	W-DF80ME	309.00	-	W-DF80ME-D	341.50	-
1.1	W-DF80MJ	329.60	080D205230	W-DF80MJ-D	362.10	080D205231
1.5	W-DF90SF	368.30	090D225268	W-DF90SF-D	406.40	090D225269
2.2	W-DF90LM	436.50	090D225272	W-DF90LM-D	474.60	090D225273
3.0	W-DF100LJ	520.90	100W245245	W-DF100LJ-D	566.30	-
4.0	W-DF112MM	629.50	112W265160	W-DF112MM-D	675.80	-
5.5	W-DF132SE	759.40	132W325427	W-DF132SE-D	815.80	-
7.5	W-DF132SJ	940.90	132W325428	W-DF132SJ-D	997.30	-
11	W-DF160MB	1439.30	160W500833	W-DF160MB-D	1570.90	160W500889
15	W-DF160MJ	1568.70	160W500790	W-DF160MJ-D	1700.30	-
18.5	W-DF160LR	1938.60	160W500808	W-DF160LR-D	2070.20	160W500816
22	W-DF180ME	2393.00	180W500650	W-DF180ME-D	2530.30	-
30	W-DF200LGX	3112.70	200W500199	W-DF200LGX-D	3289.00	-
37	W-DF200LNx	3804.20	200W500232	W-DF200LNx-D	3980.50	-
45	W-DF225MN	4891.00	225W500190	W-DF225MN-D	5097.00	-
55	W-DF250SN	6255.30	250W500231	W-DF250SN-D	6557.30	-
75	W-DF250MN	7694.20	250W500191	W-DF250MN-D	7996.20	-
90	W-DF280SN	9220.80	280W500107	W-DF280SN-D	9650.90	-
110	W-DF280MN	11235.10	280W500125	W-DF280MN-D	11665.20	-
132	W-DF315SN	12830.00	315W500094	W-DF315SN-D	13493.70	-
150	W-DF315MN	15178.80	-	W-DF315MN-D	15842.50	-
160	W-DF315MP	17672.10	-	W-DF315MP-D	18335.80	-
185	W-DF315LN	20292.00	-	W-DF315LN-D	20955.70	-
200	W-DF315LN	22731.80	-	W-DF315LN-D	23395.50	-
225	W-DF355SG	25445.70	-	W-DF355SG-D	27059.60	-
250	W-DF355SJ	27804.20	-	W-DF355SJ-D	29418.10	-
280	W-DF355SN	30667.60	-	W-DF355SN-D	32281.50	-
315	W-DF355MJ	33439.90	-	W-DF355MJ-D	35053.80	-
355	W-DF355MN	36228.50	-	W-DF355MN-D	37842.40	-
400	W-DF355LN	39123.90	-	W-DF355LN-D	40737.80	-

4 pole (1500min <sup>-1</sup> )						
Foot Mounted (B3)				Flange Mounted (B5)		
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number
0.55	W-DF80ME	310.20	-	W-DF80ME-D	342.70	-
0.75	W-DF80MG	324.50	080D205232	W-DF80MG-D	357.00	080D205233
1.1	W-DF90SE	360.30	090D225270	W-DF90SE-D	398.40	090D225271
1.5	W-DF90LK	416.90	090D225274	W-DF90LK-D	455.00	090D225275
2.2	W-DF100LJ	479.90	100W245246	W-DF100LJ-D	525.30	-
3.0	W-DF100LR	515.90	100W245247	W-DF100LR-D	561.30	-
4.0	W-DF112MS	614.90	112W265161	W-DF112MS-D	661.20	-
5.5	W-DF132SJ	778.70	132W325429	W-DF132SJ-D	835.10	-
7.5	W-DF132MR	984.70	132W325430	W-DF132MR-D	1041.10	-
11	W-DF160MJ	1490.00	160W500805	W-DF160MJ-D	1621.60	-
15	W-DF160LR	1635.30	160W500810	W-DF160LR-D	1766.90	-
18.5	W-DF180ME	2036.00	180W500635	W-DF180ME-D	2173.30	-
22	W-DF180LJ	2451.40	180W500636	W-DF180LJ-D	2588.70	-
30	W-DF200LNx	3046.60	200W500191	W-DF200LNx-D	3222.90	-
37	W-DF225SN	3844.90	225W500178	W-DF225SN-D	4050.90	-
45	W-DF225MN	4756.50	225W500162	W-DF225MN-D	4962.50	-
55	W-DF250SN	5940.80	250W500226	W-DF250SN-D	6242.80	-
75	W-DF250MN	7144.20	-	W-DF250MN-D	7446.20	-
90	W-DF280SN	8346.20	-	W-DF280SN-D	8776.30	-
110	W-DF280MN	10912.60	-	W-DF280MN-D	11342.70	-
132	W-DF315SN	13293.90	-	W-DF315SN-D	13957.60	-
150	W-DF315MN	13743.20	315W500081	W-DF315MN-D	14406.90	-
160	W-DF315MP	16001.30	-	W-DF315MP-D	16665.00	-
185	W-DF315LN	18267.60	-	W-DF315LN-D	18931.30	-
200	W-DF315LN *	20574.30	-	W-DF315LN-D *	21238.00	-
225	W-DF355SG	22882.50	-	W-DF355SG-D	24496.40	-
250	W-DF355SJ	25233.40	-	W-DF355SJ-D	26847.30	-
280	W-DF355SN	27757.40	-	W-DF355SN-D	29371.30	-
315	W-DF355MJ	30293.70	-	W-DF355MJ-D	31907.60	-
355	W-DF355MN	32649.70	-	W-DF355MN-D	34263.60	-
400	W-DF355LN	35099.20	-	W-DF355LN-D	36713.10	-



# W EEx nA, Zone 2, T3, (IEC)

# 22

## Outputs conforming to IEC 60034 6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>)

### Specification

- ATEX compliant
- II 3G EEx nA II T3
- W EEx nA Zone 2
- Euronorm EN 50014 and EN 50021
- Temperature Class T3
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
WU-DF200 to 355
- Outputs conforming to IEC 60034



- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

### Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

6 pole (1000min <sup>-1</sup> )				Flange Mounted (B5)			
Foot Mounted (B3)				Flange Mounted (B5)			
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number	
0.37	W-DF80MG	394.30	-	W-DF80MG-D	426.80	-	
0.55	W-DF80MM	397.80	-	W-DF80MM-D	430.30	-	
0.75	W-DF90SG	447.80	-	W-DF90SG-D	485.90	-	
1.1	W-DF90LT	501.40	-	W-DF90LT-D	539.50	-	
1.5	W-DF100LR	561.40	-	W-DF100LR-D	606.80	-	
2.2	W-DF112MT	674.90	-	W-DF112MT-D	721.20	-	
3.0	W-DF132SL	853.50	-	W-DF132SL-D	909.90	-	
4.0	W-DF132MM	1064.30	-	W-DF132MM-D	1120.70	-	
5.5	W-DF132MR	1312.40	-	W-DF132MR-D	1368.80	-	
7.5	W-DF160MM	1669.30	160W500806	W-DF160MM-D	1800.90	-	
11	W-DF160LV	2152.60	160W500799	W-DF160LV-D	2284.20	-	
15	W-DF180LM	2827.70	-	W-DF180LM-D	2965.00	-	
18.5	WU-DF200LGX	3734.40	200W500210	WU-DF200LGX-D	3910.70	-	
22	WU-DF200LNx	4667.20	200W500220	WU-DF200LNx-D	4843.50	-	
30	WU-DF225MN	5926.00	225W500161	WU-DF225MN-D	6132.00	-	
37	WU-DF250MNE	7189.60	-	WU-DF250MNE-D	7491.60	-	
45	WU-DF280SNE	8688.50	-	WU-DF280SNE-D	9118.60	-	
55	WU-DF280MNE	10133.90	-	WU-DF280MNE-D	10564.00	-	
75	WU-DF315SNE	11892.40	-	WU-DF315SNE-D	12556.10	-	
90	WU-DF315MNE	14098.70	-	WU-DF315MNE-D	14762.40	-	
110	WU-DF315MN	16499.30	-	WU-DF315MN-D	17163.00	-	
132	WU-DF315LN	19440.40	-	WU-DF315LN-D	20104.10	-	
150	WU-DF355SG	22722.00	-	WU-DF355SG-D	24335.90	-	
160	WU-DF355SG	25771.70	-	WU-DF355SG-D	27385.60	-	
185	WU-DF355SJ	28706.10	-	WU-DF355SJ-D	30320.00	-	
200	WU-DF355SN	31446.40	-	WU-DF355SN-D	33060.30	-	
225	WU-DF355MJ	34760.20	-	WU-DF355MJ-D	36374.10	-	
250	WU-DF355MN	37557.00	-	WU-DF355MN-D	39170.90	-	
280	WU-DF355LJ	41033.60	-	WU-DF355LJ-D	42647.50	-	
315	WU-DF355LN	44670.20	-	WU-DF355LN-D	46284.10	-	

8 pole (750min <sup>-1</sup> )				Flange Mounted (B5)			
Foot Mounted (B3)				Flange Mounted (B5)			
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number	
0.18	W-DF80MG	363.50	-	W-DF80MG-D	396.00	-	
0.25	W-DF80MM	408.80	-	W-DF80MM-D	441.30	-	
0.37	W-DF90SG	441.40	-	W-DF90SG-D	479.50	-	
0.55	W-DF90LM	503.20	-	W-DF90LM-D	541.30	-	
0.75	W-DF100LR	550.00	-	W-DF100LR-D	595.40	-	
1.1	W-DF100LS	605.20	-	W-DF100LS-D	650.60	-	
1.5	W-DF112MS	728.40	-	W-DF112MS-D	774.70	-	
2.2	W-DF132SM	919.80	-	W-DF132SM-D	976.20	-	
3.0	W-DF132MR	1130.80	132W500126	W-DF132MR-D	1187.20	-	
4.0	W-DF160ME	1517.10	-	W-DF160ME-D	1648.70	-	
5.5	W-DF160MM	1943.50	-	W-DF160MM-D	2075.10	-	
7.5	W-DF160LV	2553.50	160W500099	W-DF160LV-D	2685.10	-	
11	W-DF180LM	3353.20	180W500055	W-DF180LM-D	3490.50	-	
15	WU-DF200LNx	4169.30	-	WU-DF200LNx-D	4345.60	-	
18.5	WU-DF225SN	5455.50	-	WU-DF225SN-D	5661.50	-	
22	WU-DF225MN	7037.10	-	WU-DF225MN-D	7243.10	-	
30	WU-DF250MNE	9206.10	-	WU-DF250MNE-D	9508.10	-	
37	WU-DF280SNE	11071.60	-	WU-DF280SNE-D	11501.70	-	
45	WU-DF280MNE	12937.00	-	WU-DF280MNE-D	13367.10	-	
55	WU-DF315SNE	15193.40	-	WU-DF315SNE-D	15857.10	-	
75	WU-DF315MNE	17820.00	-	WU-DF315MNE-D	18483.70	-	
90	WU-DF315MN	20322.70	-	WU-DF315MN-D	20986.40	-	
110	WU-DF315LN	23049.80	-	WU-DF315LN-D	23713.50	-	
132	WU-DF355SJ	25690.60	-	WU-DF355SJ-D	27304.50	-	
150	WU-DF355SN	28962.60	-	WU-DF355SN-D	30576.50	-	
160	WU-DF355SN	32753.70	-	WU-DF355SN-D	34367.60	-	
185	WU-DF355MJ	37346.10	-	WU-DF355MJ-D	38960.00	-	
200	WU-DF355MN	42621.50	-	WU-DF355MN-D	44235.40	-	
225	WU-DF355LN	47848.10	-	WU-DF355LN-D	49462.00	-	



# W EEx nA, Zone 2, T3, (BS)

Outputs conforming to BS 5000 pt 10 appendix A  
6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>)

23

## Specification

- ATEX compliant
- II 3G EEx nA II T3
- W EEx nA Zone 2
- Euronorm EN 50014 and EN 50021
- Temperature Class T3
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Enclosure: IP55
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
W-DF200 to 355
- Outputs conforming to BS 5000 Pt 10  
Appendix A



- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

6 pole (1000min <sup>-1</sup> )				Flange Mounted (B5)			
Foot Mounted (B3)				Flange Mounted (B5)			
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number	
0.37	W-DF80MG	394.30	-	W-DF80MG-D	426.80	-	
0.55	W-DF80MM	397.80	-	W-DF80MM-D	430.30	-	
0.75	W-DF90SG	447.80	-	W-DF90SG-D	485.90	-	
1.1	W-DF90LT	501.40	-	W-DF90LT-D	539.50	-	
1.5	W-DF100LR	561.40	-	W-DF100LR-D	606.80	-	
2.2	W-DF112MT	674.90	-	W-DF112MT-D	721.20	-	
3.0	W-DF132SL	853.50	-	W-DF132SL-D	909.90	-	
4.0	W-DF132MM	1064.30	-	W-DF132MM-D	1120.70	-	
5.5	W-DF132MR	1312.40	-	W-DF132MR-D	1368.80	-	
7.5	W-DF160MM	1669.30	160W500806	W-DF160MM-D	1800.90	-	
11	W-DF160LV	2152.60	160W500799	W-DF160LV-D	2284.20	-	
15	W-DF180LM	2827.70	-	W-DF180LM-D	2965.00	-	
18.5	W-DF200LGX	3734.40	200W500210	W-DF200LGX-D	3910.70	-	
22	W-DF200LNX	4667.20	200W500220	W-DF200LNX-D	4843.50	-	
30	W-DF225MN	5926.00	225W500161	W-DF225MN-D	6132.00	-	
37	W-DF250SN	7189.60	-	W-DF250SN-D	7491.60	-	
45	W-DF250MN	8688.50	-	W-DF250MN-D	8990.50	-	
55	W-DF280SN	10133.90	-	W-DF280SN-D	10564.00	-	
75	W-DF280MN	11892.40	-	W-DF280MN-D	12322.50	-	
90	W-DF315SN	14098.70	-	W-DF315SN-D	14762.40	-	
110	W-DF315MN	16499.30	-	W-DF315MN-D	17163.00	-	
132	W-DF315LN	19440.40	-	W-DF315LN-D	20104.10	-	
150	W-DF355SG	22722.00	-	W-DF355SG-D	24335.90	-	
160	W-DF355SG	25771.70	-	W-DF355SG-D	27385.60	-	
185	W-DF355SJ	28706.10	-	W-DF355SJ-D	30320.00	-	
200	W-DF355SN	31446.40	-	W-DF355SN-D	33060.30	-	
225	W-DF355MJ	34760.20	-	W-DF355MJ-D	36374.10	-	
250	W-DF355MN	37557.00	-	W-DF355MN-D	39170.90	-	
280	W-DF355LJ	41033.60	-	W-DF355LJ-D	42647.50	-	
315	W-DF355LN	44670.20	-	W-DF355LN-D	46284.10	-	

8 pole (750min <sup>-1</sup> )				Flange Mounted (B5)			
Foot Mounted (B3)				Flange Mounted (B5)			
kW	Frame size	Price £	Item Number	Frame size	Price £	Item Number	
0.18	W-DF80MG	363.50	-	W-DF80MG-D	396.00	-	
0.25	W-DF80MM	408.80	-	W-DF80MM-D	441.30	-	
0.37	W-DF90SG	441.40	-	W-DF90SG-D	479.50	-	
0.55	W-DF90LM	503.20	-	W-DF90LM-D	541.30	-	
0.75	W-DF100LR	550.00	-	W-DF100LR-D	595.40	-	
1.1	W-DF100LS	605.20	-	W-DF100LS-D	650.60	-	
1.5	W-DF112MS	728.40	-	W-DF112MS-D	774.70	-	
2.2	W-DF132SM	919.80	-	W-DF132SM-D	976.20	-	
3.0	W-DF132MR	1130.80	132W500126	W-DF132MR-D	1187.20	-	
4.0	W-DF160ME	1517.10	-	W-DF160ME-D	1648.70	-	
5.5	W-DF160MM	1943.50	-	W-DF160MM-D	2075.10	-	
7.5	W-DF160LV	2553.50	160W500099	W-DF160LV-D	2685.10	-	
11	W-DF180LM	3353.20	180W500055	W-DF180LM-D	3490.50	-	
15	W-DF200LNX	4169.30	-	W-DF200LNX-D	4345.60	-	
18.5	W-DF225SN	5455.50	225W500052	W-DF225SN-D	5661.50	-	
22	W-DF225MN	7037.10	-	W-DF225MN-D	7243.10	-	
30	W-DF250SN	9206.10	-	W-DF250SN-D	9508.10	-	
37	W-DF250MN	11071.60	-	W-DF250MN-D	11373.60	-	
45	W-DF280SN	12937.00	-	W-DF280SN-D	13367.10	-	
55	W-DF280MN	15193.40	-	W-DF280MN-D	15623.50	-	
75	W-DF315SN	17820.00	-	W-DF315SN-D	18483.70	-	
90	W-DF315MN	20322.70	-	W-DF315MN-D	20986.40	-	
110	W-DF315LN	23049.80	-	W-DF315LN-D	23713.50	-	
132	W-DF355SJ	25690.60	-	W-DF355SJ-D	27304.50	-	
150	W-DF355SN	28962.60	-	W-DF355SN-D	30576.50	-	
160	W-DF355SN	32753.70	-	W-DF355SN-D	34367.60	-	
185	W-DF355MJ	37346.10	-	W-DF355MJ-D	38960.00	-	
200	W-DF355LJ	42621.50	-	W-DF355LJ-D	44235.40	-	
225	W-DF355LN	47848.10	-	W-DF355LN-D	49462.00	-	



# W Dust ignition proof, Zone 21 or 22 (IEC)

24

Outputs conforming to IEC 60034  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

## Specification

- ATEX compliant
- II 2D or 3D T125°C
- W combustible dust for Zones 21 or 22
- Euronorm EN 50014 and EN 50281-1-1
- Temperature 125°C
- Zone 21 - IP65
- Zone 22 - IP55 for non conductive dust
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
WU-DF200 to 355
- Outputs conforming to IEC 60034



- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

2 pole (3000min <sup>-1</sup> )				Flange Mounted (B5)			
kW	Frame size	Foot Mounted (B3)		Frame size	Zone 21	Price £	
		Zone 21	Zone 22			Zone 21	Zone 22
0.75	W-DF80ME	328.30	309.00	W-DF80ME-D	360.80	341.50	
1.1	W-DF80MJ	348.90	329.60	W-DF80MJ-D	381.40	362.10	
1.5	W-DF90SF	392.70	368.30	W-DF90SF-D	430.80	406.40	
2.2	W-DF90LM	464.00	436.50	W-DF90LM-D	502.10	474.60	
3.0	W-DF100LJ	553.40	520.90	W-DF100LJ-D	598.80	566.30	
4.0	W-DF112MM	670.10	629.50	W-DF112MM-D	716.40	675.80	
5.5	W-DF132SE	807.90	759.40	W-DF132SE-D	864.30	815.80	
7.5	W-DF132SJ	997.90	940.90	W-DF132SJ-D	1054.30	997.30	
11	W-DF160MB	1491.60	1439.30	W-DF160MB-D	1623.20	1570.90	
15	W-DF160MJ	1663.10	1568.70	W-DF160MJ-D	1794.70	1700.30	
18.5	W-DF160LR	2045.70	1938.60	W-DF160LR-D	2177.30	2070.20	
22	W-DF180ME	2525.90	2393.00	W-DF180ME-D	2663.20	2530.30	
30	WU-DF200LGX	3259.10	3112.70	WU-DF200LGX-D	3435.40	3289.00	
37	WU-DF200LN-X	4034.30	3804.20	WU-DF200LN-X-D	4210.60	3980.50	
45	WU-DF225MN	5187.90	4891.00	WU-DF225MN-D	5393.90	5097.00	
55	WU-DF250MNE	6631.50	6255.30	WU-DF250MNE-D	6933.50	6557.30	
75	WU-DF280SNE	8161.40	7694.20	WU-DF280SNE-D	8591.50	8124.30	
90	WU-DF280MNE	9778.60	9220.80	WU-DF280MNE-D	10208.70	9650.90	
110	WU-DF315SNE	11915.30	11235.10	WU-DF315SNE-D	12579.00	11898.80	
132	WU-DF315MNE	13603.70	12830.00	WU-DF315MNE-D	14267.40	13493.70	
150	WU-DF315MN	16095.60	15178.80	WU-DF315MN-D	16759.30	15842.50	
160	WU-DF315MP	18741.20	17672.10	WU-DF315MP-D	19404.90	18335.80	
185	WU-DF315LN	21521.70	20292.00	WU-DF315LN-D	22185.40	20955.70	
200	WU-DF315LN	24107.40	22731.80	WU-DF315LN-D	24771.10	23395.50	
225	WU-DF355SG	26983.70	25445.70	WU-DF355SG-D	28597.60	27059.60	
250	WU-DF355SJ	29486.40	27804.20	WU-DF355SJ-D	31100.30	29418.10	
280	WU-DF355SN	32521.60	30667.60	WU-DF355SN-D	34135.50	32281.50	
315	WU-DF355MJ	35793.60	33439.90	WU-DF355MJ-D	37407.50	35053.80	
355	WU-DF355MN	38418.40	36228.50	WU-DF355MN-D	40032.30	37842.40	
400	WU-DF355LN	40918.20	39123.90	WU-DF355LN-D	42532.10	40737.80	

4 pole (1500min <sup>-1</sup> )				Flange Mounted (B5)			
kW	Frame size	Foot Mounted (B3)		Frame size	Zone 21	Price £	
		Zone 21	Zone 22			Zone 21	Zone 22
0.55	W-DF80ME	328.10	310.20	W-DF80ME-D	360.60	342.70	
0.75	W-DF80MG	342.40	324.50	W-DF80MG-D	374.90	357.00	
1.1	W-DF90SE	381.30	360.30	W-DF90SE-D	419.40	398.40	
1.5	W-DF90LK	441.40	416.90	W-DF90LK-D	479.50	455.00	
2.2	W-DF100LJ	508.40	479.90	W-DF100LJ-D	553.80	525.30	
3.0	W-DF100LR	546.80	515.90	W-DF100LR-D	592.20	561.30	
4.0	W-DF112MS	645.60	614.90	W-DF112MS-D	691.90	661.20	
5.5	W-DF132SJ	825.80	778.70	W-DF132SJ-D	882.20	835.10	
7.5	W-DF132MR	1031.80	984.70	W-DF132MR-D	1088.20	1041.10	
11	W-DF160MJ	1544.20	1490.00	W-DF160MJ-D	1675.80	1621.60	
15	W-DF160LR	1734.10	1635.30	W-DF160LR-D	1865.70	1766.90	
18.5	W-DF180ME	2159.20	2036.00	W-DF180ME-D	2296.50	2173.30	
22	W-DF180LJ	2540.30	2451.40	W-DF180LJ-D	2677.60	2588.70	
30	WU-DF200LN-X	3156.90	3046.60	WU-DF200LN-X-D	3333.20	3222.90	
37	WU-DF225SN	4075.10	3844.90	WU-DF225SN-D	4281.10	4050.90	
45	WU-DF225MN	5043.50	4756.50	WU-DF225MN-D	5249.50	4962.50	
55	WU-DF250MNE	6297.50	5940.80	WU-DF250MNE-D	6599.50	6242.80	
75	WU-DF280SNE	7574.20	7144.20	WU-DF280SNE-D	8004.30	7574.30	
90	WU-DF280MNE	8850.90	8346.20	WU-DF280MNE-D	9281.00	8776.30	
110	WU-DF315SNE	11571.70	10912.60	WU-DF315SNE-D	12235.40	11576.30	
132	WU-DF315MNE	14097.40	13293.90	WU-DF315MNE-D	14761.10	13957.60	
150	WU-DF315MN	14572.20	13743.20	WU-DF315MN-D	15235.90	14406.90	
160	WU-DF315MP	16969.90	16001.30	WU-DF315MP-D	17633.60	16665.00	
185	WU-DF315LN	19553.90	18267.60	WU-DF315LN-D	20217.60	18931.30	
200	WU-DF315LN	21818.40	20574.30	WU-DF315LN-D	22482.10	21238.00	
225	WU-DF355SG	24493.50	22882.50	WU-DF355SG-D	26107.40	24496.40	
250	WU-DF355SJ	26758.00	25233.40	WU-DF355SJ-D	28371.90	26847.30	
280	WU-DF355SN	29434.80	27757.40	WU-DF355SN-D	31048.70	29371.30	
315	WU-DF355MJ	32419.50	30293.70	WU-DF355MJ-D	34033.40	31907.60	
355	WU-DF355MN	34786.20	32649.70	WU-DF355MN-D	36400.10	34263.60	
400	WU-DF355LN	37050.90	35099.20	WU-DF355LN-D	38664.80	36713.10	

# W Dust ignition proof, Zone 21 or 22 (BS)



Outputs conforming to BS 5000 pt 10 appendix A  
2 pole (3000min<sup>-1</sup>) & 4 pole (1500min<sup>-1</sup>)

25

## Specification

- ATEX compliant
- II 2D or 3D T125°C
- W combustible dust for Zones 21 or 22
- Euronorm EN 50014 and EN 50281-1-1
- Temperature 125°C
- Zone 21 - IP65
- Zone 22 - IP55 for non conductive dust
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
W-DF200 to 355
- Outputs conforming to BS 5000 Pt 10  
Appendix A



- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

2 pole (3000min <sup>-1</sup> )				Flange Mounted (B5)			
kW	Frame size	Foot Mounted (B3)		Frame size	Price £		
		Zone 21	Zone 22		Zone 21	Zone 22	
0.75	W-DF80ME	328.30	309.00	W-DF80ME-D	360.80	341.50	
1.1	W-DF80MJ	348.90	329.60	W-DF80MJ-D	381.40	362.10	
1.5	W-DF90SF	392.70	368.30	W-DF90SF-D	430.80	406.40	
2.2	W-DF90LM	464.00	436.50	W-DF90LM-D	502.10	474.60	
3.0	W-DF100LJ	553.40	520.90	W-DF100LJ-D	598.80	566.30	
4.0	W-DF112MM	670.10	629.50	W-DF112MM-D	716.40	675.80	
5.5	W-DF132SE	807.90	759.40	W-DF132SE-D	864.30	815.80	
7.5	W-DF132SJ	997.90	940.90	W-DF132SJ-D	1054.30	997.30	
11	W-DF160MB	1491.60	1439.30	W-DF160MB-D	1623.20	1570.90	
15	W-DF160MJ	1663.10	1568.70	W-DF160MJ-D	1794.70	1700.30	
18.5	W-DF160LR	2045.70	1938.60	W-DF160LR-D	2177.30	2070.20	
22	W-DF180ME	2525.90	2393.00	W-DF180ME-D	2663.20	2530.30	
30	W-DF200LGX	3259.10	3112.70	W-DF200LGX-D	3435.40	3289.00	
37	W-DF200LNX	4034.30	3804.20	W-DF200LNX-D	4210.60	3980.50	
45	W-DF225MN	5187.90	4891.00	W-DF225MN-D	5393.90	5097.00	
55	W-DF250SN	6631.50	6255.30	W-DF250SN-D	6933.50	6557.30	
75	W-DF250MN	8161.40	7694.20	W-DF250MN-D	8463.40	7996.20	
90	W-DF280SN	9778.60	9220.80	W-DF280SN-D	10208.70	9650.90	
110	W-DF280MN	11915.30	11235.10	W-DF280MN-D	12345.40	11665.20	
132	W-DF315SN	13603.70	12830.00	W-DF315SN-D	14267.40	13493.70	
150	W-DF315MN	16095.60	15178.80	W-DF315MN-D	16759.30	15842.50	
160	W-DF315MP	18741.20	17672.10	W-DF315MP-D	19404.90	18335.80	
185	W-DF315LN	21521.70	20292.00	W-DF315LN-D	22185.40	20955.70	
200	W-DF315LN	24107.40	22731.80	W-DF315LN-D	24771.10	23395.50	
225	W-DF355SG	26983.70	25445.70	W-DF355SG-D	28597.60	27059.60	
250	W-DF355SJ	29486.40	27804.20	W-DF355SJ-D	31100.30	29418.10	
280	W-DF355SN	32521.60	30667.60	W-DF355SN-D	34135.50	32281.50	
315	W-DF355MJ	35793.60	33439.90	W-DF355MJ-D	37407.50	35053.80	
355	W-DF355MN	38418.40	36228.50	W-DF355MN-D	40032.30	37842.40	
400	W-DF355LN	40918.20	39123.90	W-DF355LN-D	42532.10	40737.80	

4 pole (1500min <sup>-1</sup> )				Flange Mounted (B5)			
kW	Frame size	Foot Mounted (B3)		Frame size	Price £		
		Zone 21	Zone 22		Zone 21	Zone 22	
0.55	W-DF80ME	328.10	310.20	W-DF80ME-D	360.60	342.70	
0.75	W-DF80MG	342.40	324.50	W-DF80MG-D	374.90	357.00	
1.1	W-DF90SE	381.30	360.30	W-DF90SE-D	419.40	398.40	
1.5	W-DF90LK	441.40	416.90	W-DF90LK-D	479.50	455.00	
2.2	W-DF100LJ	508.40	479.90	W-DF100LJ-D	553.80	525.30	
3.0	W-DF100LR	546.80	515.90	W-DF100LR-D	592.20	561.30	
4.0	W-DF112MS	645.60	614.90	W-DF112MS-D	691.90	661.20	
5.5	W-DF132SJ	825.80	778.70	W-DF132SJ-D	882.20	835.10	
7.5	W-DF132MR	1031.80	984.70	W-DF132MR-D	1088.20	1041.10	
11	W-DF160MJ	1544.20	1490.00	W-DF160MJ-D	1675.80	1621.60	
15	W-DF160LR	1734.10	1635.30	W-DF160LR-D	1865.70	1766.90	
18.5	W-DF180ME	2159.20	2036.00	W-DF180ME-D	2296.50	2173.30	
22	W-DF180LJ	2540.30	2451.40	W-DF180LJ-D	2677.60	2588.70	
30	W-DF200LNX	3156.90	3046.60	W-DF200LNX-D	3333.20	3222.90	
37	W-DF225SN	4075.10	3844.90	W-DF225SN-D	4281.10	4050.90	
45	W-DF225MN	5043.50	4756.50	W-DF225MN-D	5249.50	4962.50	
55	W-DF250SN	6297.50	5940.80	W-DF250SN-D	6599.50	6242.80	
75	W-DF250MN	7574.20	7144.20	W-DF250MN-D	7876.20	7446.20	
90	W-DF280SN	8850.90	8346.20	W-DF280SN-D	9281.00	8776.30	
110	W-DF280MN	11571.70	10912.60	W-DF280MN-D	12001.80	11342.70	
132	W-DF315SN	14097.40	13293.90	W-DF315SN-D	14761.10	13957.60	
150	W-DF315MN	14572.20	13743.20	W-DF315MN-D	15235.90	14406.90	
160	W-DF315MP	16969.90	16001.30	W-DF315MP-D	17633.60	16665.00	
185	W-DF315LN	19553.90	18267.60	W-DF315LN-D	20217.60	18931.30	
200	W-DF315LN	21818.40	20574.30	W-DF315LN-D	22482.10	21238.00	
225	W-DF355SG	24493.50	22882.50	W-DF355SG-D	26107.40	24496.40	
250	W-DF355SJ	26758.00	25233.40	W-DF355SJ-D	28371.90	26847.30	
280	W-DF355SN	29434.80	27757.40	W-DF355SN-D	31048.70	29371.30	
315	W-DF355MJ	32419.50	30293.70	W-DF355MJ-D	34033.40	31907.60	
355	W-DF355MN	34786.20	32649.70	W-DF355MN-D	36400.10	34263.60	
400	W-DF355LN	37050.90	35099.20	W-DF355LN-D	38664.80	36713.10	



# W Dust ignition proof, Zone 21 or 22 (IEC)

# 26

## Outputs conforming to IEC 60034 6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>)

### Specification

- ATEX compliant
- II 2D or 3D T125°C
- W combustible dust for Zones 21 or 22
- Euronorm EN 50014 and EN 50281-1-1
- Temperature 125°C
- Zone 21 - IP65
- Zone 22 - IP55 for non conductive dust
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
WU-DF200 to 355
- Outputs conforming to IEC 60034



- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

### Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

6 pole (1000min <sup>-1</sup> )					Flange Mounted (B5)				
kW	Frame size	Foot Mounted (B3)		Price £	Zone 21	Zone 22	Frame size	Flange Mounted (B5)	
		Zone 21	Zone 22					Zone 21	Zone 22
0.37	W-DF80MG	417.20	394.30		W-DF80MG-D	449.70	426.80		
0.55	W-DF80MM	423.50	397.80		W-DF80MM-D	456.00	430.30		
0.75	W-DF90SG	473.80	447.80		W-DF90SG-D	511.90	485.90		
1.1	W-DF90LT	532.10	501.40		W-DF90LT-D	570.20	539.50		
1.5	W-DF100LR	595.40	561.40		W-DF100LR-D	640.80	606.80		
2.2	W-DF112MT	713.90	674.90		W-DF112MT-D	760.20	721.20		
3.0	W-DF132SL	906.90	853.50		W-DF132SL-D	963.30	909.90		
4.0	W-DF132MM	1127.60	1064.30		W-DF132MM-D	1184.00	1120.70		
5.5	W-DF132MR	1392.00	1312.40		W-DF132MR-D	1448.40	1368.80		
7.5	W-DF160MM	1793.70	1669.30		W-DF160MM-D	1925.30	1800.90		
11	W-DF160LV	2282.50	2152.60		W-DF160LV-D	2414.10	2284.20		
15	W-DF180LM	2985.00	2827.70		W-DF180LM-D	3122.30	2965.00		
18.5	WU-DF200LGX	3959.80	3734.40		WU-DF200LGX-D	4136.10	3910.70		
22	WU-DF200LNx	4925.10	4667.20		WU-DF200LNx-D	5101.40	4843.50		
30	WU-DF225MN	6255.30	5926.00		WU-DF225MN-D	6461.30	6132.00		
37	WU-DF250MNE	7520.60	7189.60		WU-DF250MNE-D	7822.60	7491.60		
45	WU-DF280SNE	9214.10	8688.50		WU-DF280SNE-D	9644.20	9118.60		
55	WU-DF280MNE	10743.90	10133.90		WU-DF280MNE-D	11174.00	10564.00		
75	WU-DF315SNE	12612.60	11892.40		WU-DF315SNE-D	13276.30	12556.10		
90	WU-DF315MNE	14747.50	14098.70		WU-DF315MNE-D	15411.20	14762.40		
110	WU-DF315MN	17495.30	16499.30		WU-DF315MN-D	18159.00	17163.00		
132	WU-DF315LN	20618.00	19440.40		WU-DF315LN-D	21281.70	20104.10		
150	WU-DF355SG	24553.50	22722.00		WU-DF355SG-D	26167.40	24335.90		
160	WU-DF355SG	27848.10	25771.70		WU-DF355SG-D	29462.00	27385.60		
185	WU-DF355SJ	31019.60	28706.10		WU-DF355SJ-D	32633.50	30320.00		
200	WU-DF355SN	33978.50	31446.40		WU-DF355SN-D	35592.40	33060.30		
225	WU-DF355MJ	37208.10	34760.20		WU-DF355MJ-D	38822.00	36374.10		
250	WU-DF355MN	40201.10	37557.00		WU-DF355MN-D	41815.00	39170.90		
280	WU-DF355LJ	43513.70	41033.60		WU-DF355LJ-D	45127.60	42647.50		
315	WU-DF355LN	47369.70	44670.20		WU-DF355LN-D	48983.60	46284.10		

8 pole (750min <sup>-1</sup> )					Flange Mounted (B5)				
kW	Frame size	Foot Mounted (B3)		Price £	Zone 21	Zone 22	Frame size	Flange Mounted (B5)	
		Zone 21	Zone 22					Zone 21	Zone 22
0.18	W-DF80MG	345.60	363.50		W-DF80MG-D	378.10	396.00		
0.25	W-DF80MM	396.00	408.80		W-DF80MM-D	428.50	441.30		
0.37	W-DF90SG	438.10	441.40		W-DF90SG-D	476.20	479.50		
0.55	W-DF90LM	514.30	503.20		W-DF90LM-D	552.40	541.30		
0.75	W-DF100LR	601.40	550.00		W-DF100LR-D	646.80	595.40		
1.1	W-DF100LS	650.70	605.20		W-DF100LS-D	696.10	650.60		
1.5	W-DF112MS	767.60	728.40		W-DF112MS-D	813.90	774.70		
2.2	W-DF132SM	965.30	919.80		W-DF132SM-D	1021.70	976.20		
3.0	W-DF132MR	1228.10	1130.80		W-DF132MR-D	1284.50	1187.20		
4.0	W-DF160ME	1609.50	1517.10		W-DF160ME-D	1741.10	1648.70		
5.5	W-DF160MM	2061.90	1943.50		W-DF160MM-D	2193.50	2075.10		
7.5	W-DF160LV	2709.10	2553.50		W-DF160LV-D	2840.70	2685.10		
11	W-DF180LM	3554.30	3353.20		W-DF180LM-D	3691.60	3490.50		
15	WU-DF200LNx	4420.50	4169.30		WU-DF200LNx-D	4596.80	4345.60		
18.5	WU-DF225SN	5786.30	5455.50		WU-DF225SN-D	5992.30	5661.50		
22	WU-DF225MN	7463.80	7037.10		WU-DF225MN-D	7669.80	7243.10		
30	WU-DF250MNE	9762.50	9206.10		WU-DF250MNE-D	10064.50	9508.10		
37	WU-DF280SNE	11741.50	11071.60		WU-DF280SNE-D	12171.60	11501.70		
45	WU-DF280MNE	13718.90	12937.00		WU-DF280MNE-D	14149.00	13367.10		
55	WU-DF315SNE	16111.70	15193.40		WU-DF315SNE-D	16775.40	15857.10		
75	WU-DF315MNE	18895.30	17820.00		WU-DF315MNE-D	19559.00	18483.70		
90	WU-DF315MN	21554.00	20322.70		WU-DF315MN-D	22217.70	20986.40		
110	WU-DF315LN	24444.80	23049.80		WU-DF315LN-D	25108.50	23713.50		
132	WU-DF355SJ	27241.60	25690.60		WU-DF355SJ-D	28855.50	27304.50		
150	WU-DF355SN	30714.70	28962.60		WU-DF355SN-D	32328.60	30576.50		
160	WU-DF355SN	34731.00	32753.70		WU-DF355SN-D	36344.90	34367.60		
185	WU-DF355MJ	39604.20	37346.10		WU-DF355MJ-D	41218.10	38960.00		
200	WU-DF355MN	45199.20	42621.50		WU-DF355MN-D	46813.10	44235.40		
225	WU-DF355LN	50740.40	47848.10		WU-DF355LN-D	52354.30	49462.00		

# W Dust ignition proof, Zone 21 or 22 (BS)



Outputs conforming to BS 5000 pt 10 appendix A  
6 pole (1000min<sup>-1</sup>) & 8 pole (750min<sup>-1</sup>)

27

## Specification

- ATEX compliant
- II 2D or 3D T125°C
- W combustible dust for Zones 21 or 22
- Euronorm EN 50014 and EN 50281-1-1
- Temperature 125°C
- Zone 21 - IP65
- Zone 22 - IP55 for non conductive dust
- Foot (B3) or flange (B5) mounting
- Cooling: IC411 (TEFV)
- Standard voltage:
  - below 4kW 220-240/380-415V
  - 4kW and above 380-415V
- 3 phase, 50Hz supply
- Thermistors fitted as standard on frames  
W-DF200 to 355
- Outputs conforming to BS 5000 Pt 10  
Appendix A



- High efficiency motors
- Low noise
- Low maintenance
- Full three year warranty

## Notes

Optional features are detailed on page 29

Available stock modifications are detailed on page 29

6 pole (1000min <sup>-1</sup> )				Flange Mounted (B5)			
kW	Frame size	Foot Mounted (B3)		Frame size	Price £		
		Zone 21	Zone 22		Zone 21	Zone 22	
0.37	W-DF80MG	417.20	394.30	W-DF80MG-D	449.70	426.80	
0.55	W-DF80MM	423.50	397.80	W-DF80MM-D	456.00	430.30	
0.75	W-DF90SG	473.80	447.80	W-DF90SG-D	511.90	485.90	
1.1	W-DF90LT	532.10	501.40	W-DF90LT-D	570.20	539.50	
1.5	W-DF100LR	595.40	561.40	W-DF100LR-D	640.80	606.80	
2.2	W-DF112MT	713.90	674.90	W-DF112MT-D	760.20	721.20	
3.0	W-DF132SL	906.90	853.50	W-DF132SL-D	963.30	909.90	
4.0	W-DF132MM	1127.60	1064.30	W-DF132MM-D	1184.00	1120.70	
5.5	W-DF132MR	1392.00	1312.40	W-DF132MR-D	1448.40	1368.80	
7.5	W-DF160MM	1793.70	1669.30	W-DF160MM-D	1925.30	1800.90	
11	W-DF160LV	2282.50	2152.60	W-DF160LV-D	2414.10	2284.20	
15	W-DF180LM	2985.00	2827.70	W-DF180LM-D	3122.30	2965.00	
18.5	W-DF200LGX	3959.80	3734.40	W-DF200LGX-D	4136.10	3910.70	
22	W-DF200LNX	4925.10	4667.20	W-DF200LNX-D	5101.40	4843.50	
30	W-DF225MN	6255.30	5926.00	W-DF225MN-D	6461.30	6132.00	
37	W-DF250SN	7520.60	7189.60	W-DF250SN-D	7822.60	7491.60	
45	W-DF250MN	9214.10	8688.50	W-DF250MN-D	9516.10	8990.50	
55	W-DF280SN	10743.90	10133.90	W-DF280SN-D	11174.00	10564.00	
75	W-DF280MN	12612.60	11892.40	W-DF280MN-D	13042.70	12322.50	
90	W-DF315SN	14747.50	14098.70	W-DF315SN-D	15411.20	14762.40	
110	W-DF315MN	17495.30	16499.30	W-DF315MN-D	18159.00	17163.00	
132	W-DF315LN	20618.00	19440.40	W-DF315LN-D	21281.70	20104.10	
150	W-DF355SG	24553.50	22722.00	W-DF355SG-D	26167.40	24335.90	
160	W-DF355SG	27848.10	25771.70	W-DF355SG-D	29462.00	27385.60	
185	W-DF355SJ	31019.60	28706.10	W-DF355SJ-D	32633.50	30320.00	
200	W-DF355SN	33978.50	31446.40	W-DF355SN-D	35592.40	33060.30	
225	W-DF355MJ	37208.10	34760.20	W-DF355MJ-D	38822.00	36374.10	
250	W-DF355MN	40201.10	37557.00	W-DF355MN-D	41815.00	39170.90	
280	W-DF355LJ	43513.70	41033.60	W-DF355LJ-D	45127.60	42647.50	
315	W-DF355LN	47369.70	44670.20	W-DF355LN-D	48983.60	46284.10	

8 pole (750min <sup>-1</sup> )				Flange Mounted (B5)			
kW	Frame size	Foot Mounted (B3)		Frame size	Price £		
		Zone 21	Zone 22		Zone 21	Zone 22	
0.18	W-DF80MG	345.60	363.50	W-DF80MG-D	378.10	396.00	
0.25	W-DF80MM	396.00	408.80	W-DF80MM-D	428.50	441.30	
0.37	W-DF90SG	438.10	441.40	W-DF90SG-D	476.20	479.50	
0.55	W-DF90LM	514.30	503.20	W-DF90LM-D	552.40	541.30	
0.75	W-DF100LR	601.40	550.00	W-DF100LR-D	646.80	595.40	
1.1	W-DF100LS	650.70	605.20	W-DF100LS-D	696.10	650.60	
1.5	W-DF112MS	767.60	728.40	W-DF112MS-D	813.90	774.70	
2.2	W-DF132SM	965.30	919.80	W-DF132SM-D	1021.70	976.20	
3.0	W-DF132MR	1228.10	1130.80	W-DF132MR-D	1284.50	1187.20	
4.0	W-DF160ME	1609.50	1517.10	W-DF160ME-D	1741.10	1648.70	
5.5	W-DF160MM	2061.90	1943.50	W-DF160MM-D	2193.50	2075.10	
7.5	W-DF160LV	2709.10	2553.50	W-DF160LV-D	2840.70	2685.10	
11	W-DF180LM	3554.30	3353.20	W-DF180LM-D	3691.60	3490.50	
15	W-DF200LNX	4420.50	4169.30	W-DF200LNX-D	4596.80	4345.60	
18.5	W-DF225SN	5786.30	5455.50	W-DF225SN-D	5992.30	5661.50	
22	W-DF225MN	7463.80	7037.10	W-DF225MN-D	7669.80	7243.10	
30	W-DF250SN	9762.50	9206.10	W-DF250SN-D	10064.50	9508.10	
37	W-DF250MN	11741.50	11071.60	W-DF250MN-D	12043.50	11373.60	
45	W-DF280SN	13718.90	12937.00	W-DF280SN-D	14149.00	13367.10	
55	W-DF280MN	16111.70	15193.40	W-DF280MN-D	16541.80	15623.50	
75	W-DF315SN	18895.30	17820.00	W-DF315SN-D	19559.00	18483.70	
90	W-DF315MN	21554.00	20322.70	W-DF315MN-D	22217.70	20986.40	
110	W-DF315LN	24444.80	23049.80	W-DF315LN-D	25108.50	23713.50	
132	W-DF355SJ	27241.60	25690.60	W-DF355SJ-D	28855.50	27304.50	
150	W-DF355SN	30714.70	28962.60	W-DF355SN-D	32328.60	30576.50	
160	W-DF355SN	34731.00	32753.70	W-DF355SN-D	36344.90	34367.60	
185	W-DF355MJ	39604.20	37346.10	W-DF355MJ-D	41218.10	38960.00	
200	W-DF355LJ	45199.20	42621.50	W-DF355LJ-D	46813.10	44235.40	
225	W-DF355LN	50740.40	47848.10	W-DF355LN-D	52354.30	49462.00	



# Fitted brakes - DC & AC

28

DC - IP55

AC - IP54, IP55 or IP65

## Information

- Fitting charge included. **Add price to basic motor prices.**
- DC brake price includes half wave rectifier.
- Motors for crane or lift duty - **please refer to sales department for correct selection.**
- Brakes are suitable for fitting to aluminium or cast iron safe area motors.
- Suitable for motor standard voltages:
  - below 4kW 230 / 400
  - 4kW and above 400
- Refer to Brook Crompton sales office for alternative voltages.

Brake kits are available on frame sizes marked with either '\*' or '+', which are suitable for fitting to aluminium safe area motors.

Contact the Brook Crompton sales office for prices.

\* Standard offer brake kit.

† Alternative brake kit.

## DC brake

Reference 764 - IP55

Frame Size	Brake Size / Torque (Nm)							
	08 4Nm	10 10Nm	11 20Nm	13 40Nm	14 60Nm	16 80Nm	19 150Nm	24 240Nm
63	321.50*	-	-	-	-	-	-	-
71	321.50*	-	-	-	-	-	-	-
80	321.50	386.80*	-	-	-	-	-	-
90	542.60	542.60†	600.70*	-	-	-	-	-
100	-	-	614.30	614.30*	733.10	-	-	-
112	-	-	614.30	614.30*	733.10	-	-	-
132	-	-	-	733.10†	733.10	733.10*	-	-
160	-	-	-	-	-	755.90	1295.80	1663.50
180	-	-	-	-	-	-	1295.80	1663.50
<b>Hand release</b>	30.10	44.80	44.80	78.70	78.70	78.70	78.70	123.30

## AC brake - IP54

Reference 733 sizes 07 & 09, reference 734 sizes 10 to 16

Frame Size	Brake Size / Torque (Nm)					
	07 2Nm	09 5Nm	10 7.5Nm	11 15Nm	13 35Nm	16 75Nm
63	455.80	455.80*	-	-	-	-
71	455.80	455.80*	-	-	-	-
80	-	478.20	571.60*	-	-	-
90	-	-	571.60†	695.80*	-	-
100	-	-	-	-	721.40*	-
112	-	-	-	-	818.70*	1000.20
132	-	-	-	-	818.70†	1000.20*
160	-	-	-	-	-	1000.20
<b>Hand release</b>	43.50	43.50	59.20	59.20	102.90	102.90

733 is a single phase brake, 734 is a three phase brake.

## AC brake - IP55 or IP65

Reference 733 sizes 07 & 09, reference 732 sizes 10 to 16

Frame Size	Brake Size / Torque (Nm)					
	07 2Nm	09 5Nm	10 7.5Nm	11 15Nm	13 35Nm	16 75Nm
63	501.90	501.90	-	-	-	-
71	501.90	501.90	-	-	-	-
80	-	532.90	750.20	-	-	-
90	-	-	750.20	842.00	-	-
100	-	-	-	-	920.70	-
112	-	-	-	-	1031.70	1211.40
132	-	-	-	-	1031.70	1211.40
160	-	-	-	-	-	1211.40
<b>Hand release</b>	std	std	63.70	71.80	98.00	130.70

733 is a single phase brake, 734 is a three phase brake.

# Optional features / stock modification

The extras listed below represent the popular range of extras available.  
For availability and prices of other extras, please contact your local Brook Crompton sales office.

Safe area, EEx nA & Combustible dust List Price	Frame size														
	63	71	80	90	100	112	132	160	180	200	225	250	280	315	355
IP56	70.40	70.40	70.40	70.40	70.40	70.40	70.40	136.90	136.90	156.30	156.30	183.80	183.80	183.30	230.30
IP65	46.50	46.50	46.50	46.50	194.10	224.30	224.30	224.30	327.90	327.90	480.40	812.90	1025.40	1103.40	1103.40
Flange	20.80	21.50	32.50	38.10	45.40	46.30	56.40	131.60	137.30	176.30	206.00	302.00	430.10	663.70	1613.90
Face	20.80	21.50	32.50	38.10	45.40	46.30	56.40	131.60	-	-	-	-	-	-	-
Foot and Flange B35	29.30	30.10	45.60	53.30	63.60	64.80	78.90	184.20	192.20	246.90	288.50	422.70	602.20	929.20	2259.40
Foot and Face B34	29.30	30.10	45.60	53.30	63.60	64.80	78.90	184.20	-	-	-	-	-	-	-
Impact canopy	46.10	46.10	51.70	51.70	56.50	60.00	63.30	84.20	124.30	300.10	346.30	392.50	421.60	450.60	518.80
Anti-condensation heaters	108.40	108.40	108.40	108.40	143.70	143.70	143.70	228.80	228.80	284.80	315.60	325.70	447.90	466.20	466.20
Thermistors	93.00	93.00	93.00	93.00	93.00	97.00	97.00	97.00	97.00	std	std	std	std	std	std
Stainless steel rating plate	21.00	21.00	21.00	21.00	21.00	21.00	21.00	31.50	31.50	std	std	std	std	std	std
Extra or re-stamp rating plate	21.00	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	42.00	52.50	52.50	63.00	63.00	63.00	63.00	63.00	63.00
Roller bearing*	-	-	-	-	R	R	R	R	R	399.10	457.60	506.20	554.80	601.90	std
dc brake kit	R	R	R	R	R	R	R	-	-	-	-	-	-	-	-
ac brake kit	R	R	R	R	R	R	R	-	-	-	-	-	-	-	-
Standard encoder	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Standard force ventilation unit	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Slide rails	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

R - Refer to your local Brook Crompton sales office.    std - Fitted as standard  
\* 100-180 frames - stock modification only available for NDE located designs, please check with Brook Crompton UK or official distributor.

Ex d List Price	Frame size											
	90	100	112	132	160	180	200	225	250	280	315	
IP56	70.40	70.40	70.40	70.40	136.90	136.90	156.30	156.30	183.80	183.80	183.80	
IP65	194.10	194.10	224.30	224.30	224.30	327.90	327.90	480.40	812.90	1025.40	1103.40	
Flange	72.80	88.70	105.60	112.30	205.00	214.00	225.40	350.70	532.30	696.20	926.40	
Face	72.80	88.70	105.60	112.30	205.00	-	-	-	-	-	-	
Foot and Flange B35	87.50	106.50	126.60	134.80	246.10	256.90	270.60	420.80	638.90	835.50	1111.80	
Foot and Face B34	57.50	106.50	126.60	134.80	246.10	-	-	-	-	-	-	
Impact canopy	51.70	56.50	60.00	63.30	84.20	124.30	300.10	346.30	392.50	421.60	450.60	
Anti-condensation heaters	284.40	307.40	332.30	362.10	458.00	458.00	570.80	630.70	651.50	895.70	934.40	
Thermistors	230.90	254.10	278.90	309.10	405.80	405.80	std	std	std	std	std	
Increased safety terminals - DOL (3)	126.30	126.30	150.70	197.30	224.80	247.40	351.30	351.30	451.80	451.80	695.10	
Increased safety terminals - SD (6)	252.60	252.60	301.40	394.60	449.60	494.80	702.60	702.60	903.60	903.60	1390.20	
Increased safety terminals - Aux (90-315)	qty 2 - 80.90				qty 4 - 156.40				qty 6 - 243.60			

## AC motor stock modification

We are able to offer a stock modification service to the range of motors held in stock. The list below details the popular modifications.  
For full details of costs and additional time, please contact Brook Crompton UK or official distributor.

- Change of IP enclosure (IP56, IP65 or IP66)
- B35, B34
- Conversion from terminal box/board to loose leads
- Fitting anti-condensation heaters
- Re-stamp rating plate
- Re-stamp rating plate for inverter duty
- Conversion from Ex d to Ex de
- Fitting roller bearing at drive end\*
- Fitting impact canopy
- Brake fitting (frames 63 to 132)
- Fitting drain plugs
- Fitting thermistors
- Conversion to pad mounting [B30]
- Change of terminal box position
- Change of cable entry position
- Change of rotation
- Extra drain holes
- Conversion from plastic to metal fan
- Fitting of encoder (63-180 frames only)
- Fitting of force ventilation unit

Modification charges Modification type	Frame size			
	63-100	112-180	200-250	280-355
Conversion to pad mount [B30]*	27.00	37.00	R	R
Change of terminal box position	27.00	37.00	63.00	91.00
Change of cable entry position	27.00	37.00	63.00	91.00
Change of rotation	27.00	37.00	63.00	91.00
Extra drain holes	27.00	37.00	63.00	91.00

- See motor 'optional features' charts for costs
- See 'modification charges' chart for costs
- Please contact Brook Crompton UK or official distributor

R - Refer to your local Brook Crompton sales office.

\* - Refer to the Brook Crompton sales office for more details on the 90 frame.