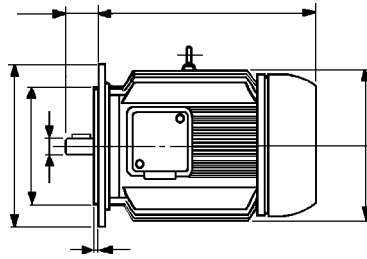


DISC BRAKE MOTOR METRIC IEC STANDARD

60Hz* 3600RPM 2 Pole
250-280 or 440-480V
50Hz* 3000RPM 2 Pole
220-240V or 380-415V



60Hz* 1800RPM 4 Pole
250-280 or 440-480V
50Hz* 1500RPM 4 Pole
220-240V or 380-415V

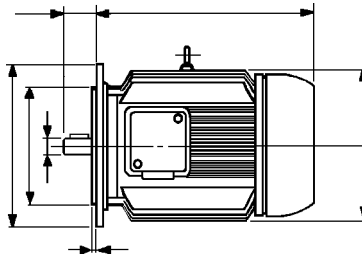
Part Number	Type Mount	kW	HP	Part Number	Type Mount	kW	HP
BFF5 71M42	FOOT	0.37	0.50	BFF5 71M44	FOOT	0.18	0.24
BFF5 71M42	FOOT	0.55	0.74	BFF5 71M44	FOOT	0.25	0.34
BFF5 71M42	FLANGE	0.37	0.50	BFF5 71M44	FOOT	0.37	0.50
BFF5 71M42	FLANGE	0.55	0.74	BFF5 71M44	FLANGE	0.18	0.24
BFF5 80M42	FOOT	0.75	1.01	BFF5 71M44	FLANGE	0.25	0.34
BFF5 80M42	FOOT	1.1	1.47	BFF5 71M44	FLANGE	0.37	0.50
BFF5 80M42	FLANGE	0.75	1.01	BFF5 80M44	FOOT	0.55	0.74
BFF5 80M42	FLANGE	1.1	1.47	BFF5 80M44	FOOT	0.75	1.01
BFF5 90S22	FOOT	1.5	2.01	BFF5 80M44	FLANGE	0.55	0.74
BFF5 90L42	FOOT	2.2	2.95	BFF5 80M44	FLANGE	0.75	1.01
BFF5 90S22	FLANGE	1.5	2.01	BFF5 90S24	FOOT	1.1	1.47
BFF5 90L42	FLANGE	2.2	2.95	BFF5 90L44	FOOT	1.5	2.01
BFF5 100L42	FOOT	3	4.02	BFF5 90S24	FLANGE	1.1	1.47
BFF5 100L42	FLANGE	3	4.02	BFF5 90L44	FLANGE	1.5	2.01
BFF5 112M22	FOOT	4	5.36	BFF5 100L24	FOOT	2.2	2.95
BFF5 112M22	FLANGE	4	5.36	BFF5 100L44	FOOT	3	4.02
BFF5 132S42	FOOT	5.5	7.37	BFF5 100L24	FLANGE	2.2	2.95
BFF5 132S62	FOOT	7.5	10.05	BFF5 100L44	FLANGE	3	4.02
BFF5 132S42	FLANGE	5.5	7.37	BFF5 112M44	FOOT	4	5.36
BFF5 132S62	FLANGE	7.5	10.05	BFF5 112M44	FLANGE	4	5.36
BFF5 160M22	FOOT	11	14.75	BFF5 132S44	FOOT	5.5	7.37
BFF5 160M42	FOOT	15	20.11	BFF5 132M84	FOOT	7.5	10.05
BFF5 160L62	FOOT	18.5	24.80	BFF5 132S44	FLANGE	5.5	7.37
BFF5 160M22	FLANGE	11	14.75	BFF5 132M84	FLANGE	7.5	10.05
BFF5 160M42	FLANGE	15	20.11	BFF5 160M44	FOOT	11	14.75
BFF5 160L62	FLANGE	18.5	24.80	BFF5 160L64	FOOT	15	20.11
				BFF5 160M44	FLANGE	11	14.75
				BFF5 160L64	FLANGE	15	20.11

* All Ametric® Motors are designed to operate domestically at 60Hz and for export at 50Hz (with a corresponding change in voltage and RPMs) and are available with either foot or flange mountings. For outputs lower than 3 kw Δ terminals = 220-240V/250-280V 50/60Hz & Y terminals = 380-415V/440-480V 50/60Hz. For outputs greater than 3 kw only Δ terminals available at 380-415V/440-480V 50/60Hz . (voltage variation -5% +6%)

DISC BRAKE MOTOR METRIC IEC STANDARD

60Hz* 1200RPM 6 Pole
250-280 or 440-480V

50Hz* 1000RPM 6 Pole
220-240V or 380-415V



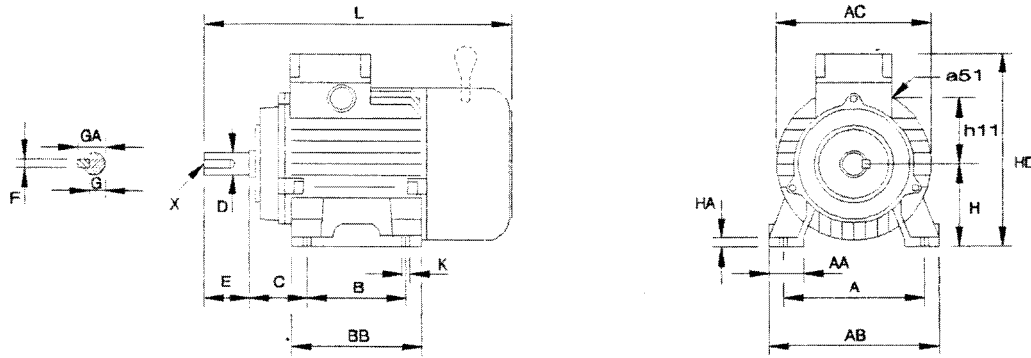
60Hz* 900RPM 8 Pole
250-280 or 440-480V

50Hz* 750RPM 8 Pole
220-240V or 380-415V

Part Number	Type Mount	kW	HP	Part Number	Type Mount	kW	HP
BFF5 71M46	FOOT	0.12	0.16	BFF5 71M48	FOOT	0.09	0.12
BFF5 71M46	FOOT	0.185	0.25	BFF5 71M48	FOOT	0.12	0.16
BFF5 71M46	FOOT	0.25	0.34	BFF5 71M48	FLANGE	0.09	0.12
BFF5 71M46	FLANGE	0.12	0.16	BFF5 71M48	FLANGE	0.12	0.16
BFF5 71M46	FLANGE	0.185	0.25				
BFF5 71M46	FLANGE	0.25	0.34	BFF5 80M48	FOOT	0.185	0.25
				BFF5 80M68	FOOT	0.25	0.34
BFF5 80M46	FOOT	0.37	0.50	BFF5 80M48	FLANGE	0.185	0.25
BFF5 80M66	FOOT	0.55	0.74	BFF5 80M68	FLANGE	0.25	0.34
BFF5 80M46	FLANGE	0.37	0.50				
BFF5 80M66	FLANGE	0.55	0.74	BFF5 90S28	FOOT	0.37	0.50
				BFF5 90L68	FOOT	0.55	0.74
BFF5 90S26	FOOT	0.75	1.01	BFF5 90S28	FLANGE	0.37	0.50
BFF5 90L66	FOOT	1.1	1.47	BFF5 90L68	FLANGE	0.55	0.74
BFF5 90S26	FLANGE	0.75	1.01				
BFF5 90L66	FLANGE	1.1	1.47	BFF5 100L48	FOOT	0.75	1.01
				BFF5 100L48	FOOT	1.1	1.47
BFF5 100L46	FOOT	1.5	2.01	BFF5 100L48	FLANGE	0.75	1.01
BFF5 100L46	FLANGE	1.5	2.01	BFF5 100L48	FLANGE	1.1	1.47
BFF5 112M46	FOOT	2.2	2.95	BFF5 112M48	FOOT	1.5	2.01
BFF5 112M46	FLANGE	2.2	2.95	BFF5 112M48	FLANGE	1.5	2.01
BFF5 132S86	FOOT	3	4.02	BFF5 132S88	FOOT	2.2	2.95
BFF5 132M86	FOOT	4	5.36	BFF5 132M88	FOOT	3	4.02
BFF5 132M86	FOOT	5.5	7.37	BFF5 132S88	FLANGE	2.2	2.95
BFF5 132S86	FLANGE	3	4.02	BFF5 132M88	FLANGE	3	4.02
BFF5 132M86	FLANGE	4	5.36				
BFF5 132M86	FLANGE	5.5	7.37	BFF5 160M68	FOOT	4	5.36
				BFF5 160M68	FOOT	5.5	7.37
BFF5 160M66	FOOT	7.5	10.05	BFF5 160L68	FOOT	7.5	10.05
BFF5 160L66	FOOT	11	14.75	BFF5 160M68	FLANGE	4	5.36
BFF5 160M66	FLANGE	7.5	10.05	BFF5 160M68	FLANGE	5.5	7.37
BFF5 160L66	FLANGE	11	14.75	BFF5 160L68	FLANGE	7.5	10.05

* All Ametric® Motors are designed to operate domestically at 60Hz and for export at 50Hz (with a corresponding change in voltage and RPMs) and are available with either foot or flange mountings. For outputs lower than 3 kw Δ terminals = 220-240V/250-280V 50/60Hz & Y terminals = 380-415V/440-480V 50/60Hz. For outputs greater than 3 kw only Δ terminals available at 380-415V/440-480V 50/60Hz . (voltage variation -5% +6%)

DISC BRAKE MOTOR

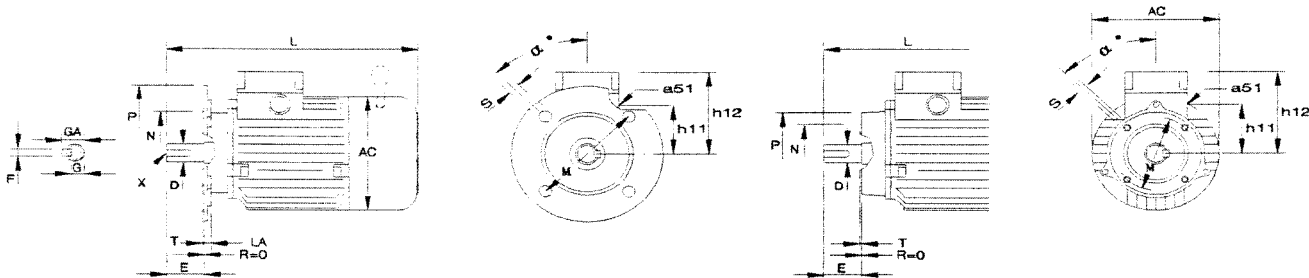


FOOT-MOUNTED MOTORS IM1001; 1051; 1061; 1071; 1011; 1031

Type	Dimensions (mm)																				
														Shaft End					a51		
	A	AA	AB	AC	B	BB	C	H	HA	HD	h11	K	L	D	E	F	G	GA	X	Bore	Air-Gap
BFF5 71M	112	25	132	140	90	110	45	71	8	177	63	7	271	14	30	5	11	16	M4x10	22.5	0.2
BFF5 80M	125	27.5	150	157	100	120	50	80	9.5	192.5	68.5	10	304	19	40	6	15.5	21.5	M6x16	22.5	0.2
BFF5 90S	140	30	171	180	100	127	56	90	10	210	78.5	10	330	24	50	8	20	27	M8x19	22.5	0.2
BFF5 90L	140	30	171	180	125	152	56	90	10	210	78.5	10	355	24	50	8	20	27	M8x19	22.5	0.2
BFF5 100L	160	35	195	204	140	175	63	100	12	235.5	90.5	12	403	28	60	8	24	31	M10x22	28.5	0.2

FREEHOLES IM 3001; 2011; 3031

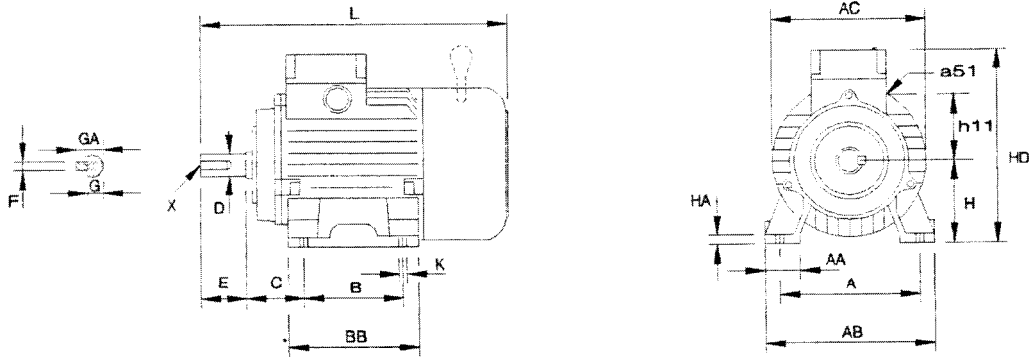
THREADED HOLES IM 3601; 3611; 3631



FLANGE-MOUNTED MOTORS

Type	Dimensions (mm)																				
														Shaft End						a51	
	IM	IEC	M	N	P	LA	T	α	S	AC	h11	h12	L	D	E	F	G	GA	X	Bore	Air-Gap
BFF5 71M	30	F130	130	110	160	8	3.5	45°	10	140	63	106	271	14	30	5	11	16	M14x0	22.5	0.2
	36	F85	85	70	105	--	2.5	45°	M6	140	63	106	271	14	30	5	11	16	M4x10	22.5	0.2
BFF5 80M	30	F165	165	130	200	8	3.5	45°	12	157	68.5	112.5	304	19	40	6	15.5	21.5	M6x16	22.5	0.2
	36	F100	100	80	120	--	3	45°	M6	157	68.5	112.5	304	19	40	6	15.5	21.5	M6x16	22.5	0.2
BFF5 90S	30	F165	165	130	200	10	3.5	45°	12	180	78.5	120	330	24	50	8	20	27	M8x19	22.5	0.2
	36	F115	115	95	140	--	3	45°	M8	180	78.5	120	330	24	50	8	20	27	M8x19	22.5	0.2
BFF5 90L	30	F165	165	130	200	10	3.5	45°	12	180	78.5	120	355	24	50	8	20	27	M8x19	22.5	0.2
	36	F115	115	95	140	--	3	45°	M8	180	78.5	120	355	24	50	8	20	27	Mx19	22.5	0.2
BFF5 100L	30	F215	215	180	250	12	4	45°	14.5	204	90.5	135.5	403	28	60	8	24	31	M10x22	28.5	0.2
	36	F130	130	110	160	--	3.5	45°	M8	204	90.5	135.5	403	28	60	8	24	31	M10x22	28.5	0.2

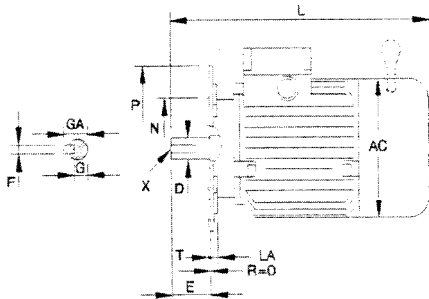
DISC BRAKE MOTOR



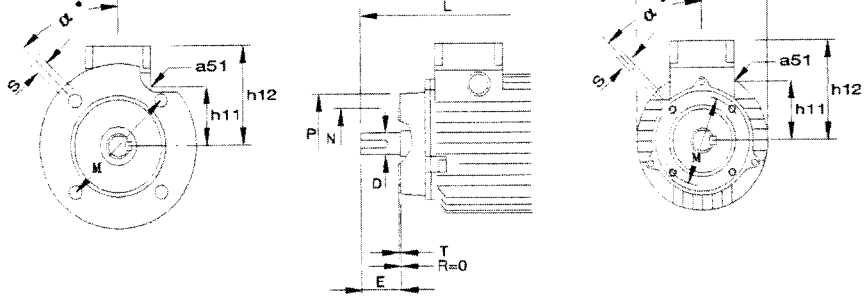
FOOT-MOUNTED MOTORS IM1001; 1051; 1061; 1071; 1011; 1031

Type	Dimensions (mm)																				
														Shaft End						a51	
	A	AA	AB	AC	B	BB	C	H	HA	HD	h11	K	L	D	E	F	G	GA	X	Bore	Air-Gap
BFF5 112M	190	40	220	218	140	175	70	112	12	257.5	88	12	493	28	60	8	24	31	M10x22	2x28.5	0.4
BFF5 132S	216	52	260	254	140	218	89	132	16	295	103	12	569	38	80	10	33	41	M12x28	2x28.5	0.5
BFF5 132M	216	52	260	254	178	218	89	132	16	295	103	12	569	38	80	10	33	41	M12x28	2x28.5	0.5
BFF5 160M	254	60	300	303	210	300	108	160	18	356	120	15	711	42	110	12	37	45	M16x36	2x37	0.5
BFF5 160L	254	60	300	303	254	300	108	160	18	356	120	15	711	42	110	12	37	45	M16x36	2x37	0.5

FREEHOLES IM 3001; 2011; 3031



THREADED HOLES IM 3601; 3611; 3631



FLANGE-MOUNTED MOTORS

Type	Dimensions (mm)																				
														Shaft End						a51	
	IM	IEC	M	N	P	LA	T	α	S	AC	h11	h12	L	D	E	F	G	GA	X	Bore	Air-Gap
BFF5 112M	30	F215	215	180	250	12	4	45°	14.5	218	88	145.5	493	28	60	8	24	31	M10x22	2x28.5	0.2
	36	F130	130	110	160	--	3.5	45°	M8	218	88	145.5	493	28	60	8	24	31	M10x22	2x28.5	0.2
BFF5 132S/M	30	F265	265	230	300	12	4	45°	14.5	254	103	163	569	38	80	10	33	41	M12x28	2x28.5	0.2
	36	F165	165	130	195	--	3.5	45°	M10	254	103	163	569	38	80	10	33	41	M12x28	2x28.5	0.2
BFF5 160M/L	30	F300	300	250	350	13	5	45°	18.5	303	120	196	711	42	110	12	37	45	M16x36	2x37	0.2