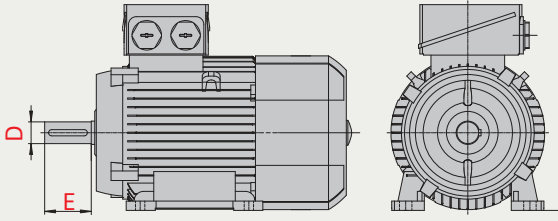
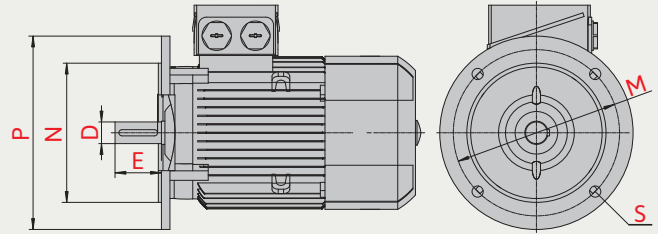


B3 - Foot Mounted Motor



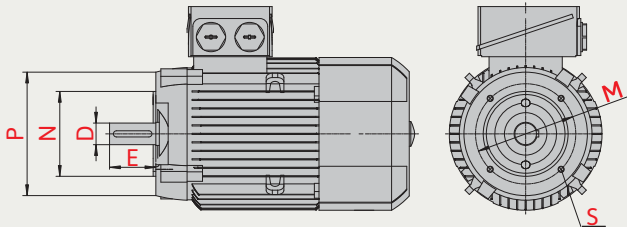
B5 - flange ('D' flange)

The flange diameter is bigger than the motor frame diameter. The holes are not tapped. B5 flanges are available for all motor sizes.



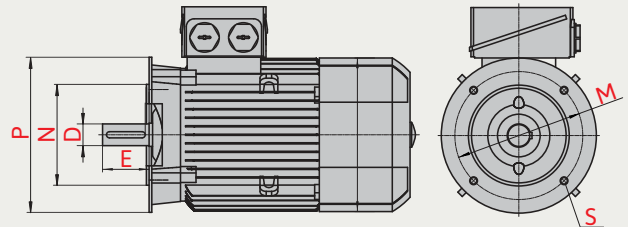
B14A - flange ('C' face)

The flange diameter is smaller than the motor frame diameter. The holes are tapped. Available up to 160frame.



B14B - flange

The flange diameter is between B14A & B5 flange. The holes are tapped. Available up to 112frame.

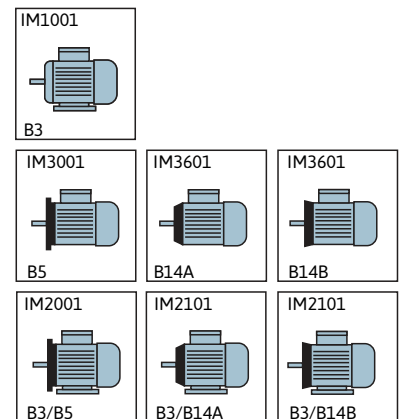
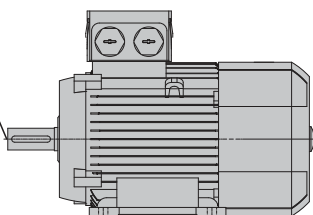


Motor Type	SIZE	Shaft		B5 FLANGE ("D" flange)				B14A FLANGE ("C" face)				B14B FLANGE				
		Diameter x Length		PCD M	Spigot N	Diameter P	Hole Dia S	PCD M	Spigot N	Diameter P	Hole S	PCD M	Spigot N	Diameter P	Hole S	
		2p	4,6,8p													
ITZ9	56 frame	Ø9 x 20		100	80	120	7	65	50	80	M5	85	70	105	M6	
	63 frame	Ø11 x 23		115	95	140	10	75	60	90	M5	100	80	120	M6	
	71 frame	Ø14 x 30		130	110	160	10	85	70	105	M6	115	95	140	M8	
	80 frame	Ø19 x 40		165	130	200	12	100	80	120	M6	130	110	160	M8	
	90 frame	Ø24 x 50		165	130	200	12	115	95	140	M8	130	110	160	M8	
	100 frame	Ø28 x 60		215	180	250	14.5	130	110	160	M8	165	130	200	M10	
	112 frame	Ø28 x 60		215	180	250	14.5	130	110	160	M8	165	130	200	M10	
	132 frame	Ø38 x 80		265	230	300	14.5	165	130	200	M10	215	180	250	M12	
	160 frame	Ø42 x 110		300	250	350	18.5	215	180	250	M12	265	230	300	M12	
	180 frame	Ø48 x 110		300	250	350	18.5	--	--	--	--	--	--	--	--	--
	200 frame	Ø55 x 100		350	300	400	18.5	--	--	--	--	--	--	--	--	--
	225 frame	Ø55 x 110 Ø60 x 140		400	350	450	18.5	--	--	--	--	--	--	--	--	--
250 frame	Ø60 x 140 Ø65 x 140		500	450	550	18.5	--	--	--	--	--	--	--	--	--	
280 frame	Ø65 x 140 Ø75 x 140		500	450	550	18.5	--	--	--	--	--	--	--	--	--	
315 frame	Ø65 x 141 Ø80 x 170		600	550	660	24	--	--	--	--	--	--	--	--	--	
ITZ5	315 frame	Ø75 x 140 Ø85 x 170		740	680	800	24	--	--	--	--	--	--	--	--	
	355 frame	Ø75 x 140 Ø95 x 170		840	780	900	24	--	--	--	--	--	--	--	--	

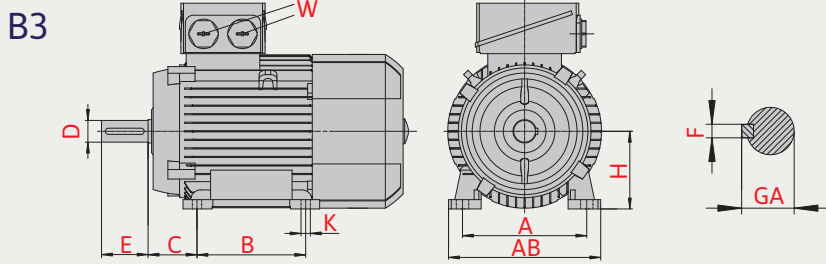
SIZE	Shaft Diameter D		Hole in Shaft Centre
	2p	4,6,8p	
56 frame	Ø9		M3
63 frame	Ø11		M4
71 frame	Ø14		M5
80 frame	Ø19		M6
90 frame	Ø24		M8
100 frame	Ø28		M10
112 frame	Ø28		M10
132 frame	Ø38		M12
160 frame	Ø42		M16
180 frame	Ø48		M16
200 frame	Ø55		M20
225 frame	Ø55	Ø60	M20
250 frame	Ø60	Ø65	M20
280 frame	Ø65	Ø75	M20
315 frame	Ø65	Ø80	M20
355 frame	Ø75	Ø95	M20 M24

PCD - Pitch Circle Diameter

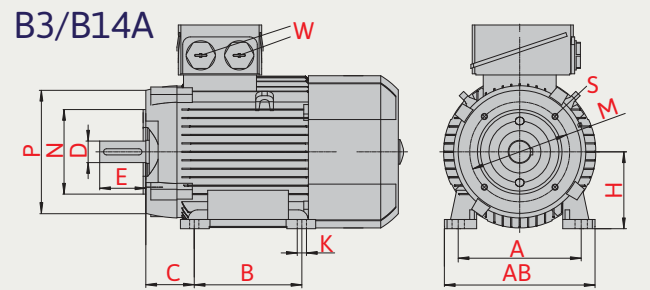
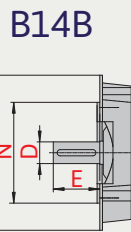
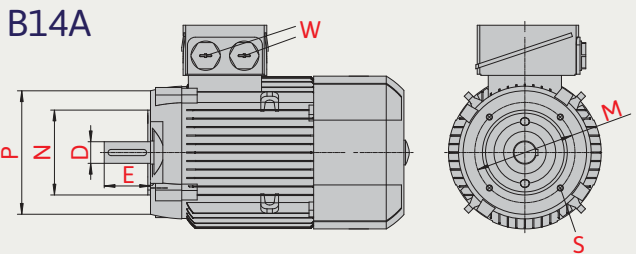
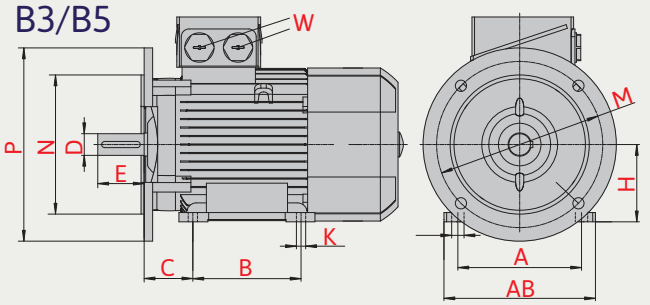
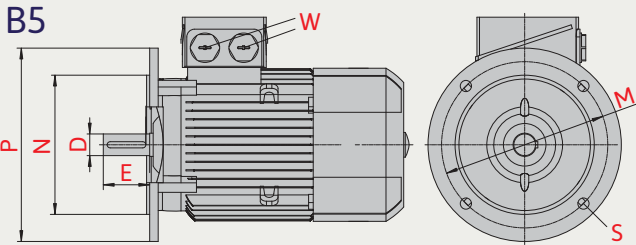
Hole in Shaft Centre



BASIC DIMENSIONS



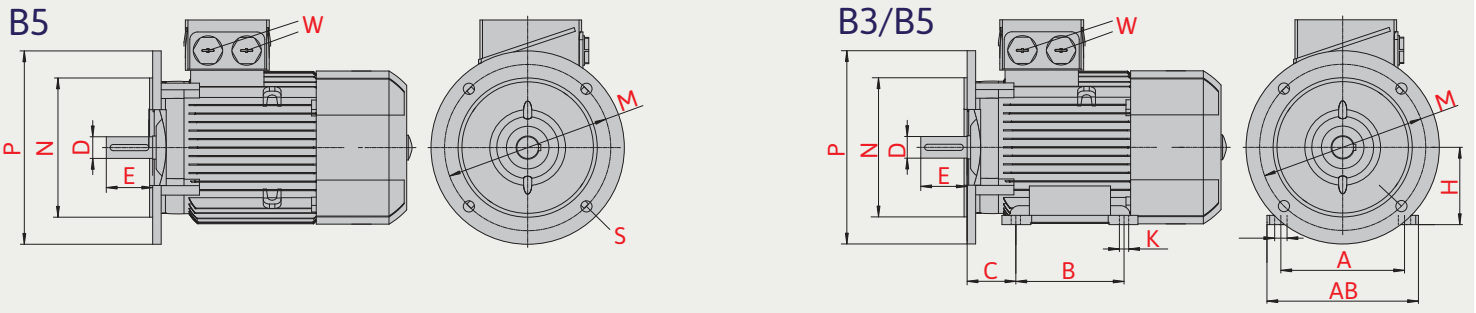
- B3 - Foot mounted motor
- B5 ("D" flange) - Flange mounted motor
- B14A ("C" face) - Flange mounted motor
- B14B - Flange mounted motor
- B3/B5 - Foot & flange mounted motor
- B3/B14A - Foot & flange mounted motor
- B3/B14B - Foot & flange mounted motor



BASIC DIMENSIONS													B5 FLANGE ("D" flange)				B14A FLANGE ("C" face)				B14B FLANGE			
Frame-(poles)		H	A	AB	B	C	K	W	SHAFT		KEY		PCD M	Spigot N	Dia P	Hole Ø S	PCD M	Spigot N	Dia P	Hole S	PCD M	Spigot N	Dia P	Hole S
									D	E	F	GA												
63 frame	63M	63	100	120	80	40	7 (M6)	M16+M25	11	23	4	12.5	115	95	140	10	75	60	90	M5	100	80	120	M6
71 frame	71M	71	112	132	90	45	7 (M6)	M16+M25	14	30	5	16	130	110	160	10	85	70	105	M6	115	95	140	M8
80 frame	80M	80	125	150	100	50	10 (M8)	M16+M25	19	40	6	21.5	165	130	200	12	100	80	120	M6	130	110	160	M8
90 frame	90S 90L	90	140	165	100 125	56	10 (M8)	M16+M25	24	50	8	27	165	130	200	12	115	95	140	M8	130	110	160	M8
100 frame	100L	100	160	192	140	63	12 (M10)	M32	28	60	8	31	215	180	250	14.5	130	110	160	M8	165	130	200	M10
112 frame	112M	112	190	225	140	70	12 (M10)	M32	28	60	8	31	215	180	250	14.5	130	110	160	M8	165	130	200	M10
132 frame	132S 132M	132	216	255	140 178	89	12 (M10)	M32	38	80	10	41	265	230	300	14.5	165	130	200	M10	215	180	250	M12
160 frame	160M 160L	160	254	300	210 254	108	14.5 (M12)	M40	42	110	12	45	300	250	350	18.5	215	180	250	M12	265	230	300	M12
180 frame	180M 180L	180	279	339	241 279	121	14.5 (M12)	M40	48	110	14	51.5	300	250	350	18.5	--	--	--	--	--	--	--	--
200 frame	200L	200	318	378	305	133	18.5 (M16)	M50	55	110	16	59	350	300	400	18.5	--	--	--	--	--	--	--	--
225 frame	225S-4/6/8 225M-2 225M-4/6/8	225	356	436	311	149	18.5 (M16)	M50	60 55 60	140 110 140	18 16 18	64 59 64	400	350	450	18.5	--	--	--	--	--	--	--	--
250 frame	250M-2 250M-4/6/8	250	406	490	349	168	24 (M20)	M63	60 65	140	18	64 69	500	450	550	18.5	--	--	--	--	--	--	--	--
280 frame	280S-2 280S-4/6/8 280M-2 280M-4/6/8	280	457	540	368 419	190	24 (M20)	M63	65 75 65 75	140	18 20 18 20	69 79.5 69 79.5	500	450	550	18.5	--	--	--	--	--	--	--	--
315 frame 1T29 motors	315S-2 315S-4/6/8 315M-2 315M-4/6/8 315L-2 315L-4/6/8	315	508	610	457	216	28 (M24)	M63	65 80 65 80	140 170	18 22	69 85	600	550	660	24	--	--	--	--	--	--	--	--
315 frame 1T25 motors	315L-2 315L-4/6/8	315	508	610	457* 508 560 630	216	28 (M24)	M63	65 85	140 170	18 22	69 90	740	680	800	24	--	--	--	--	--	--	--	--
355 frame 1T25 motors	355M-2 355M-4/6/8 355L-2 355L-4/6/8	355	610	780	630 710 800	254	38 (M34)	M80	75 95 75 95	140 170 140 170	20 25 20 25	80 100 80 100	840	780	900	24	--	--	--	--	--	--	--	--

*Some motors have 2, some 3 rear holes in each foot. Please download the drawing. PCD - Pitch Circle Diameter

Availability of Special B5 Flanges

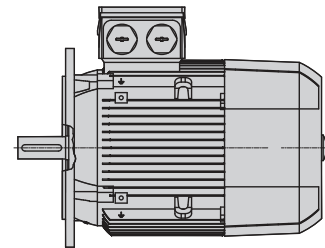


ST - Standard IEC flange size

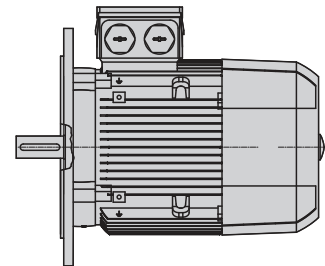
P01 - Flange one frame size bigger than the IEC flange size

P02 - Flange one frame size smaller than the IEC flange size

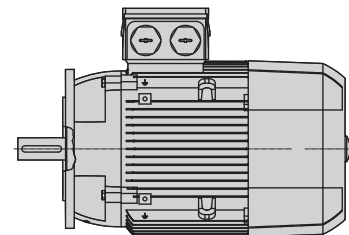
Motor Type	SIZE	Shaft		Availability	B5 FLANGE ("D" flange)				
		Diameter x Length D x E			PCD M	Spigot N	Diameter P	Hole Dia S	
		2p	4,6,8p						
1TZ9	56 frame	Ø9 x 20		ST	100	80	120	7	
	63 frame	Ø11 x 23		ST	115	95	140	10	
	71 frame	Ø14 x 30		ST	130	110	160	10	
	80 frame	Ø19 x 40		ST	165	130	200	12	
	90 frame	Ø24 x 50		ST	165	130	200	12	
	100 frame	Ø28 x 60			ST	215	180	250	14.5
					P01	265	230	300	14.5
					P02	165	130	200	12
	112 frame	Ø28 x 60			ST	215	180	250	14.5
					P01	265	230	300	14.5
					P02	165	130	200	12
	132 frame	Ø38 x 80			ST	265	230	300	14.5
					P01	300	250	350	18.5
					P02	215	180	250	14.5
	160 frame	Ø42 x 110			ST	300	250	350	18.5
					P02	265	230	300	14.5
	180 frame	Ø48 x 110			ST	300	250	350	18.5
			P02	265	230	300	14.5		
200 frame	Ø55 x 100			ST	350	300	400	18.5	
				P02	300	250	350	18.5	
225 frame	Ø55 x 110	Ø60 x 140			ST	400	350	450	18.5
					ST	500	450	550	18.5
					ST	500	450	550	18.5
					ST	600	550	660	24
250 frame	Ø60 x 140	Ø65 x 140			ST	500	450	550	18.5
					ST	500	450	550	18.5
280 frame	Ø65 x 140	Ø75 x 140			ST	500	450	550	18.5
					ST	600	550	660	24
315 frame	Ø65 x 141	Ø80 x 170			ST	600	550	660	24
					ST	740	680	800	24
1TZ5	Ø75 x 140	Ø95 x 170			ST	740	680	800	24
					ST	840	780	900	24



ST



P01



P02