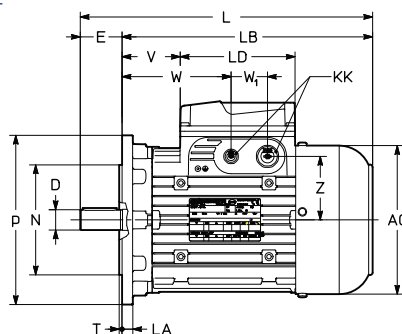


6.8

Motor dimensions

Mounting position

IM B5, IM B5R, IM B6...



63 ... 160S

Motor size													Shaft end					Flange													
		AC	AD	L	LB	LD	KK	R	V	W	W ₁	Z	D		1)	E	F	GA	M	N	P	LA	S	T							
		∅					2)						∅				h9		∅	∅	∅		∅								
63	B5R	123	95	242	222	103	4×M16	86	46	86	36	45	9 j6 M3	20	3	10,2	100	80	j6	120	8	7	3								
	B5A			245									11 j6 M4	23	4	12,5															
	B5			228					205					11 ³⁾ j6 M4	23 ³⁾	4								12,5	115	95	j6	140	10	9	3
	BX1																							130	110	j6	160			3,5	
71	B5B	138	112	266	243	2×M16 + 2×M20			66	106		62	11 j6 M4	23	4	12,5	100	80	j6	120	8	7	3								
	B5R																														
	B5A			273									14 j6 M5	30	5	16								115	95	j6	140	10	9		
	B5			254					224					11 ³⁾ j6 M4	23 ³⁾	4								12,5						3,5	
	BX2			247									14 ³⁾ j6 M5	30 ³⁾	5	16															
	BX5			254																				165	130	j6	200	12	11		
80	B5B	156	121	293	263				80	120		71	14 j6 M5	30	5	16	115	95	j6	140	10	9	3								
	B5R																														
	B5A			303									19 j6 M6	40	6	21,5								130	110	j6	160			3,5	
	B5			282					242					14 ³⁾ j6 M5	30 ³⁾	5								16	165	130	j6	200	12	11	
90 S ⁴⁾	B5S	176	141	317	287	2×M16 + 2×M25	106	60	120	43	75	14 j6 M5	30	5	16		130	110	j6	160	10	9									
	B5B			327								19 j6 M6	40	6	21,5																
	B5R			306					39	99						165								130	j6	200	12	11			
	B5			316								24 j6 M8	50	8	27																
90 L	B5S			347					90	150			14 j6 M5	30	5	16	130	110	j6	160	10	9									
	B5B			357									19 j6 M6	40	6	21,5															
	B5R			336					69	129														165	130	j6	200	12	11		
	B5			346									24 j6 M8	50	8	27															
100	B5C	194	151	387	347				109	169		86	19 j6 M6	40	6	21,5	130	110	j6	160	10	9									
	B5S																														
	B5R			397									24 j6 M8	50	8	27								165	130	j6	200	12	11		
	B5A			407									28 j6 M10	60	8	31															
112	B5	218	163	380	320				82	142							215	180	j6	250	14	14	4								
	B5S												19 j6 M6	40	6	21,5															
	B5R			419					126	186			24 j6 M8	50	8	27															
	B5A			429									28 j6 M10	60	8	31															
132 S, M ⁵⁾	B5S	257	194	409	369				100	160		98	19 j6 M6	40	6	21,5	165	130	j6	200	12	11	3,5								
	B5R			419									24 j6 M8	50	8	27															
	B5A			429									28 j6 M10	60	8	31															
	B5			403					343															215	180	j6	250	14	14	4	
132 S, M ⁵⁾	B5S	257	194	484	434	2×M16 + 2×M32	148	113	201	55	109	24 j6 M8	50	8	27		165	130	j6	200	12	11	3,5								
	B5B			494								28 j6 M10	60	8	31																
	B5R																														
	B5A			514								38 k6 M12	80	10	41	215								180	j6	250	14	14	4		
132 MA ⁶⁾ ... MCB5S	B5			479	399				78	166							265	230	j6	300											
	B5S																														
	B5B			544									24 j6 M8	50	8	27								165	130	j6	200	12	11	3,5	
	B5R			554					173	261			28 j6 M10	60	8	31								215	180	j6	250	14	14	4	
132 MA ⁶⁾ ... MCB5S	B5A			574	459								38 k6 M12	80	10	41	265	230	j6	300											
	B5			539					138	226																					
	B5S																														
	B5A			574									38 k6 M12	80	10	41															
160 S	B5			588	478				157	245			42 K6 M16	110	12	45	300	250	h6	350	15	18	5								

1) Tapped butt-end hole.

2) Prearranged cable entry knockout openings on both sides (two openings on each side, cable gland and threaded plug not supplied).

3) Shaft end not according to standard.

4) For motors **HB3V 90S 2** and **HB3V 90 S4** the dimensions are the ones of sizes 90L.

5) For motors **HB3V 132SB 2**, **HB3V 132 SC2**, **HB3V 132S 4**, **HB3V 132M 4** and **HB3V 132M 6** the dimensions are the ones of sizes 132 MA ... MC.

6) For motor **HBV 132MA 2** dimensions are the ones of size 132S, M.