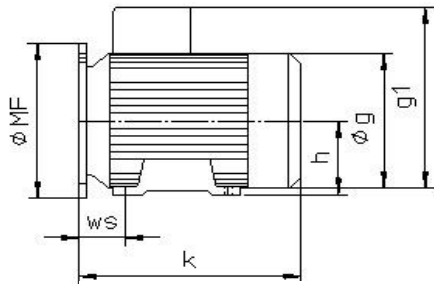
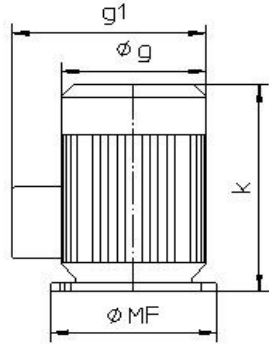


# Dimensional change of Schmalenberger motors

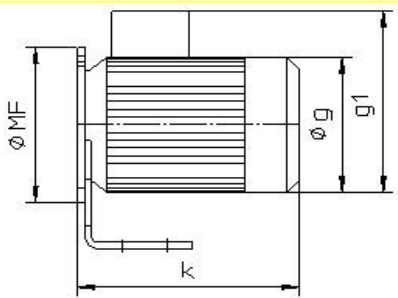
Pump types: NB, FB, SM, WP, F \*\*



Design B35



Design V1



Design B5

Possible execution with L-feet

Schmalenberger motors (2-poles)													
Power [kW]	IE1	IE2	IE3	IE1	IE2	IE3	IE1	IE2	IE3	IE2	IE3	IE2	IE3
	Frame size = h [mm]	Frame size = h [mm]	Frame size = h [mm]	Dimension k [mm]	Dimension k [mm]	Dimension k [mm]	Motor- $\varnothing g$ [mm]	Motor- $\varnothing g$ [mm]	Motor- $\varnothing g$ [mm]	Current [A] at 400V	Current [A] at 400V	Weight [kg]	Weight [kg]
0,75	A80	N(L)80	N80	273	287	287	158	160	164	1,7	1,7	10,7	13
1,1	A80	N(L)80	N80	273	287	287	158	160	164	2,3	2,3	11	15
1,5	A80	90L	N90	273	336	355	158	176	182	2,9	2,9	19	20
2,2	90L	90L	N90	336	336	355	176	176	182	4,2	4,1	22	25
3	90L	100L	100L-33	336	358	391	176	196	199	5,8	5,5	25	28
4	100L	112M	112M	337	392	392	196	220	220	7,4	7,2	32	33
5,5	112M	112*/132	132S	452	461	466	246	246	246	10,1	10,0	46/50	51
5,5	112M	112M*	112M-31^ $\wedge$	392	412	416	220	220	222	9,9	10,0	42	46
7,5	132S	132S	132S	452	461	466	246	246	246	13,7	13,7	48	50,5
11	132M	160M	160M	452	537	537	246	312	312	20,2	20,6	84	88
15	160M	160M	160M	537	537	537	312	312	312	28,5	27,8	97	103
18,5	160L	160L	160L	537	537	537	312	312	312	33,7	33,0	112	117
22	160L	160L	160L	537	537	567	312	312	312	40,7	39,8	115	115
30	R200	A200L	A200L	677	687	687	360	360	360	51	51,0	225	225
37	R200	A200L	A200L	677	687	727	360	360	360	64	63,0	270	277
45	R200	A200L*	A225M	677	727	747	360	360	365	76	75,0	280	352

Schmalenberger motors (4-poles)													
Power [kW]	IE1	IE2	IE3	IE1	IE2	IE3	IE1	IE2	IE3	IE2	IE3	IE2	IE3
	Frame size = h [mm]	Frame size = h [mm]	Frame size = h [mm]	Dimension k [mm]	Dimension k [mm]	Dimension k [mm]	Motor- $\varnothing g$ [mm]	Motor- $\varnothing g$ [mm]	Motor- $\varnothing g$ [mm]	Current [A] at 400V	Current [A] at 400V	Weight [kg]	Weight [kg]
0,75	A80	N(L)80	N80	273	287	287	158	160	164	1,8	1,8	12	16
1,1	90L	90L	N90	336	336	339	176	176	182	2,5	2,4	19	20
1,5	90L	90L	N90	336	336	339	176	176	182	3,3	3,2	20	21
2,2	100L	100L	100L-33	337	358	391	196	196	199	4,7	4,5	23	30
3	100L	100L	100L-33	337	377	391	196	196	199	6,1	6,0	29	33
4	112M	112M	112M-32S	392	412	412	220	220	222	7,9	8,0	36	44
5,5	132S	132S	132M	452	457	487	246	246	257	11,2	10,7	51	74
7,5	132M	132M	132M	452	502	487	246	246	257	14,5	14,8	62	79
11	160M	160M	160M	537	537	537	312	312	312	21	19,6	87	96
15	160L	160L	160L	537	537	537	312	312	312	27	27,3	108	114
18,5	R180M	A180L	A180L	569	627	627	360	360	360	35	34,7	115	115
22	R180L	A180L	A180L	627	627	627	360	360	360	40	40,8	128	128
30	R200	A200L	A200L	677	687	727	360	360	360	54,5	54,0	260	295
37	R200	A200L*	A225M	677	727	747	360	360	365	67	65,0	265	348

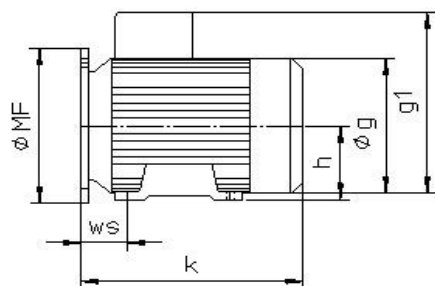
\* Deviates from standard frame size

\*\* Max. motor power is shown in the product brochure

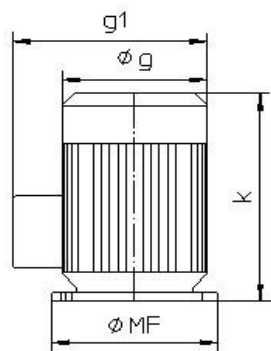
$\wedge$  Special execution

# Dimensional change of Schmalenberger motors

Pump types: Z, FZ, NZ, SZ, ZHT, TH, DUO, KRJ, S, P, ZHS, ZHB \*



Design B35



Design V1

## Schmalenberger motors (2-poles)

Power [kW]	IE1	IE2	IE3	IE1	IE2	IE3	IE1	IE2	IE3	IE2	IE3	IE2	IE3
	Frame size = h [mm]	Frame size = h [mm]	Frame size = h [mm]	Dimension k [mm]	Dimension k [mm]	Dimension k [mm]	Motor-øg [mm]	Motor-øg [mm]	Motor-øg [mm]	Current [A] at 400V	Current [A] at 400V	Weight [kg]	Weight [kg]
0,75	71	N(L)80	N80	218	276	276	158	160	164	1,7	1,7	11,7	13
0,75 ****	A71	L71	L71	202	202	202	141	141	141	1,6	1,6	6,5	
1,1	A80	N(L)80	N80	252	276	276	158	160	164	2,3	2,3	12	15
1,5	80	90L	N90L	252	315	319	158	176	182	2,9	2,9	21	20
2,2	90L	90L	N90L	315	315	335	176	176	182	4,2	4,1	21	24
3	90L	100L	100L-33	315	337	370	176	196	199	5,8	5,5	27	29
4	100L	112M	112M	337	350	350	196	220	220	7,4	7,2	35	35
5,5	112M	112M*	112M-31S*	356	376	379	220	220	222	9,9	10,0	45	52
7,5	132S	132S	132S	426	431	436	246	246	246	13,7	13,7	52	54,5
11	132M	132M*	132M*	426	460	475	246	246	246	20	20,6	88	92
15	160M	160M	160M	542	542	542	312	312	312	28,5	27,8	101	107
18,5	160L	160L	160L	542	542	572	312	312	312	33,7	33,0	116	121
22	160L	160L	160L	542	542	572	312	312	312	40,7	39,8	122	122
30	R200	A200L	A200L	677	687	687	360	360	360	51	51,0	230	230
37	R200	A200L	A200L	677	687	727	360	360	360	64	63,0	280	287

as of 01.01.2017

as of 01.01.2015

## Schmalenberger motors (4-poles)

Power [kW]	IE1	IE2	IE3	IE1	IE2	IE3	IE1	IE2	IE3	IE2	IE3	IE2	IE3
	Frame size = h [mm]	Frame size = h [mm]	Frame size = h [mm]	Dimension k [mm]	Dimension k [mm]	Dimension k [mm]	Motor-øg [mm]	Motor-øg [mm]	Motor-øg [mm]	Current [A] at 400V	Current [A] at 400V	Weight [kg]	Weight [kg]
0,75	A80	N(L)80	N80	252	276	276	158	160	164	1,8	1,8	13	14
1,1	90L	90L	N90	315	315	319	176	176	182	2,5	2,4	21	21
1,5	90L	90L	N90	315	315	319	176	176	182	3,3	3,2	22	22
2,2	100L	100L	100L-33	337	337	373	196	196	199	4,7	4,5	26	31
3	100L	100L	100L-33	337	377	373	196	196	199	6,1	6,0	31	34
4	112M	112M	112M-32S	356	376	379	220	220	222	7,9	8,0	42	56
5,5	132S	132S	132M	426	431	461	246	246	257	11,2	10,7	56	79
7,5	132M	132M	132M	426	476	461	246	246	257	14,5	14,8	66	83
11	160M	160M	160M	542	542	542	312	312	312	21	19,6	93	102
15	160L	160L	160L	542	542	572	312	312	312	27	27,3	115	121
18,5	160L	A180L	A180L	542	627	627	312	360	360	35	34,7	122	122
22	R180L	A180L	A180L	627	627	627	360	360	360	40	40,8	135	135
30	R200	A200L	A200L	677	687	727	360	360	360	54,5	54,0	280	315

as of 01.01.2017

as of 01.01.2015

\* Deviates from standard frame size

\*\* Max. motor power is shown in the product brochure

\*\*\*\* Only at pumps type S