



CM 15

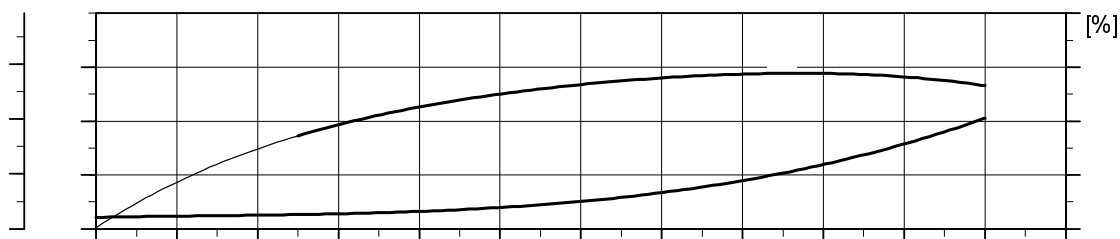
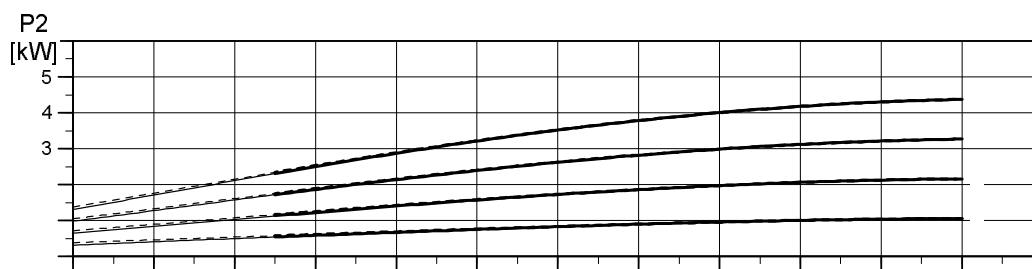
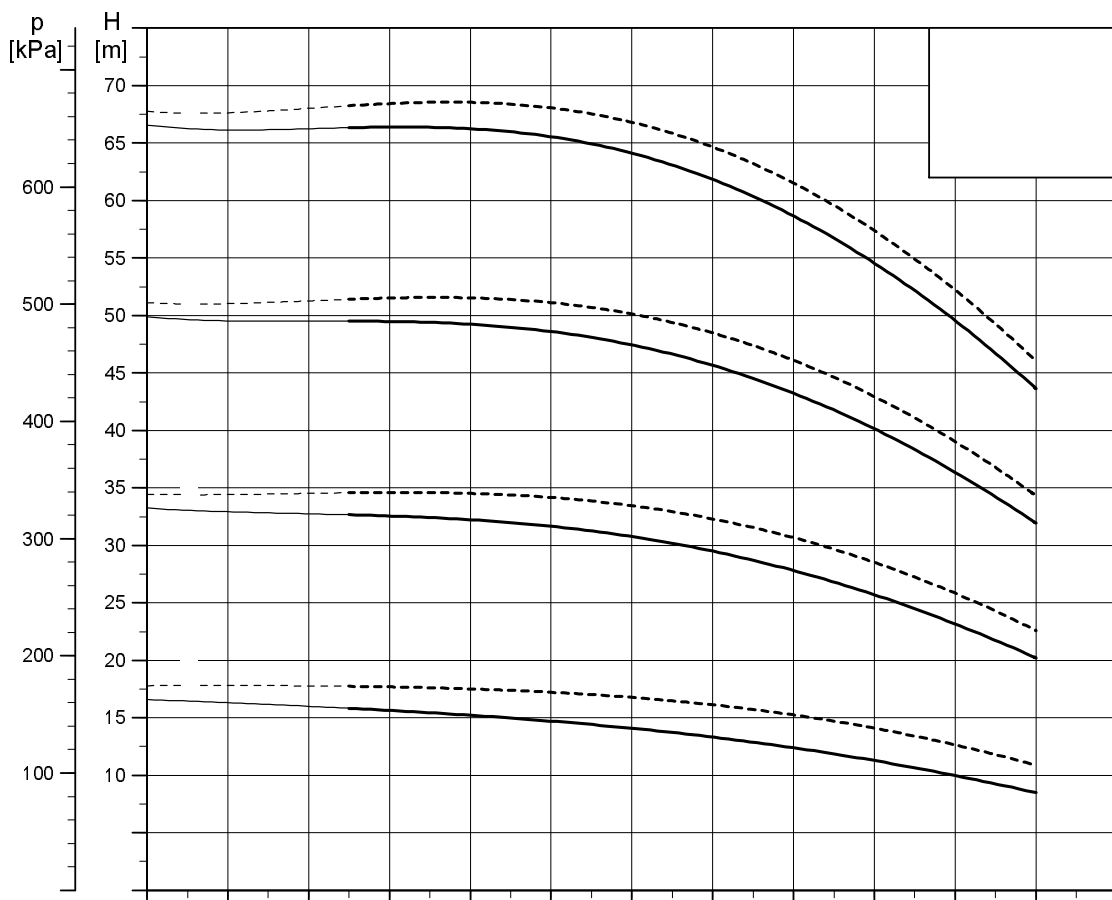
Horizontal, multistage centrifugal pumps
50/60 Hz



Performance curves, CM 50 Hz

CM 15
50 Hz

CM 15



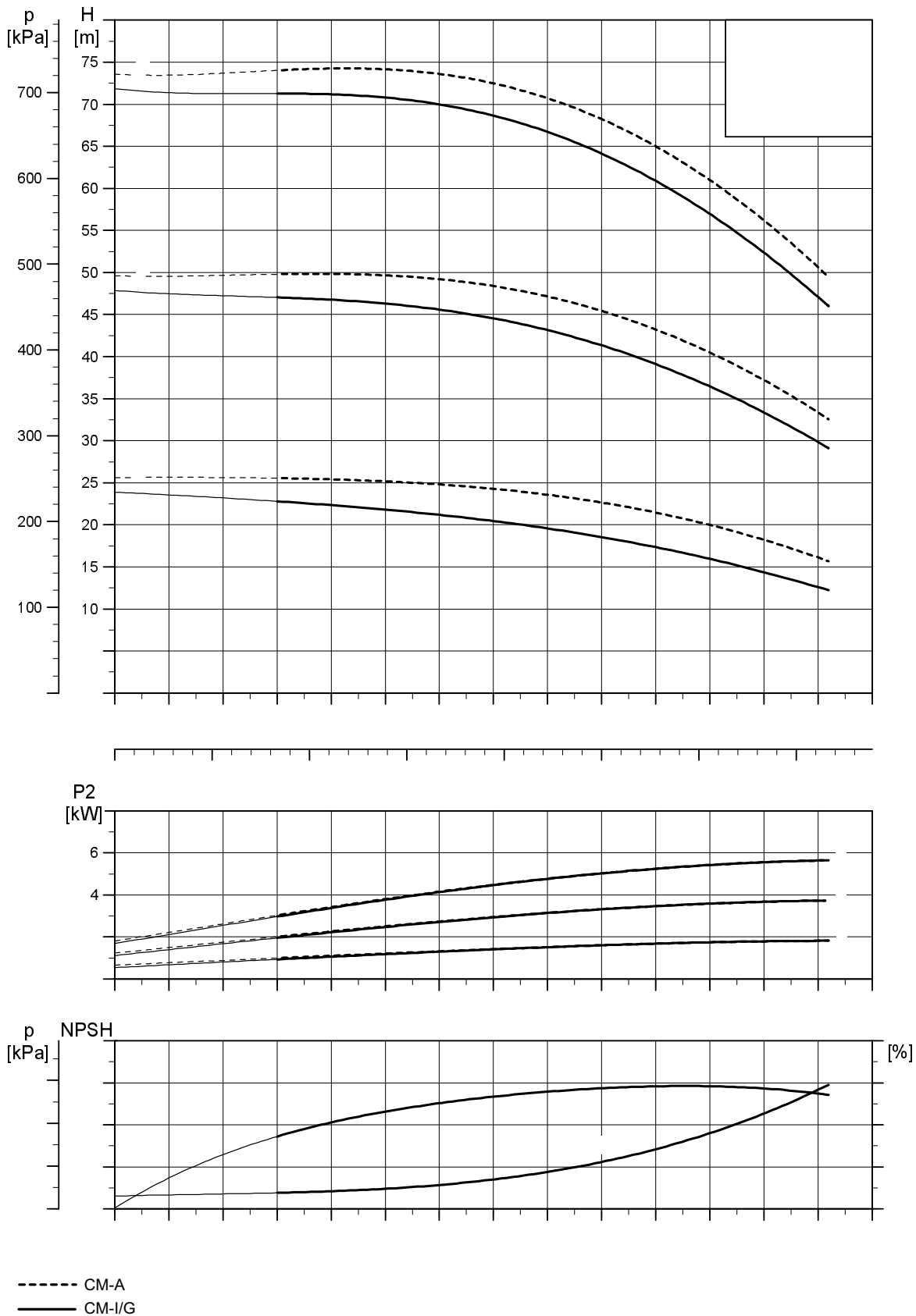
----- CM-A
———— CM-I/G

TM04 3338 0210

Performance curves, CM 60 Hz

CM 15
60 Hz

CM 15



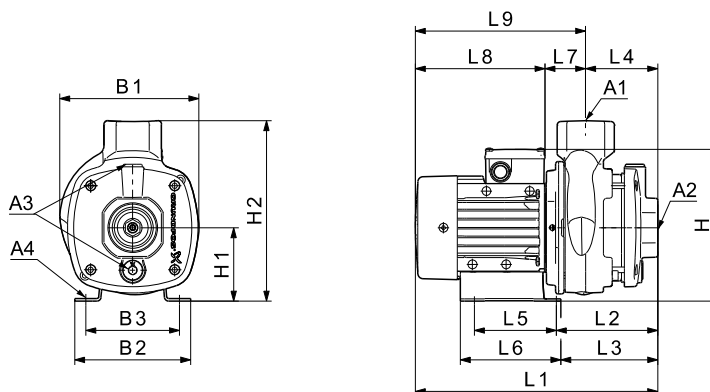
TM04 3374 0210

Dimensions, CM 50 Hz

CM 15-A
50 Hz

CM 15-A

(A = cast iron, EN-GJL-200)



TM04 6111 4909

Dimensions

3 x 220-240 V / 380-415 V, 50 Hz (supply voltage F)

Pump type	Frame size	P ₂ [kW]	Dimensions																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM15-1	80B	1.20	Rp 2	Rp 2	Rp 3/8	10	190	158	125	209	100	245	369	155	131	97	96	137	58	214	272
CM15-2	90SB	2.20	Rp 2	Rp 2	Rp 3/8	10	190	199	160	210	100	245	421	190	175	97	140	170	93	232	324
CM15-3	100LB	4.0	Rp 2	Rp 2	Rp 3/8	12	198	199	160	220	100	245	507	235	219	127	140	172	108	272	380
CM15-4	132SB	5.8	Rp 2	Rp 2	Rp 3/8	12	220	228	190	246	112	257	590	288	272	157	140	172	131	302	433

1 x 220-240 V, 50 Hz (supply voltage C)

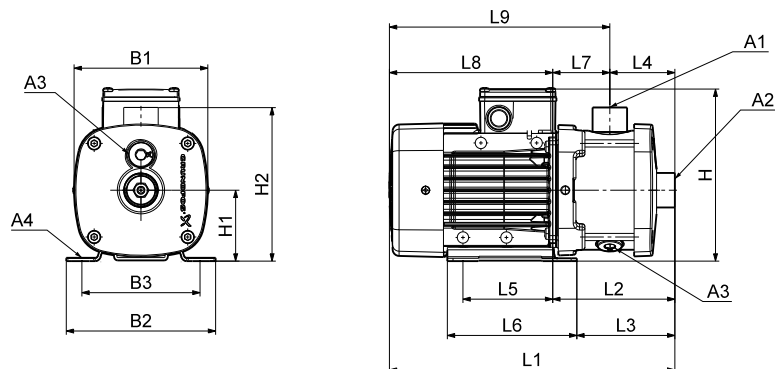
Pump type	Frame size	P ₂ [kW]	Dimensions																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM15-1	90SA	1.3	Rp 2	Rp 2	Rp 3/8	10	190	199	160	239	100	245	421	190	175	97	140	170	93	232	324
CM15-2	90SB	1.9	Rp 2	Rp 2	Rp 3/8	10	190	199	160	239	100	245	421	190	175	97	140	170	93	232	324

Dimensions, CM 50 Hz

CM 15-I and CM 15-G
50 Hz

CM 15-I and CM 15-G

(I = EN 1.4301/AISI 304 and G = EN 1.4401/AISI 316)



TM04 2246 2208

Dimensions

3 x 220-240 V / 380-415 V, 50 Hz (supply voltage F)

Pump type	Frame size	P ₂ [kW]	Dimensions																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM15-1	80B	1.20	Rp 2	Rp 2	Rp 3/8	10	180	158	125	209	100	218	399	185	161	105	96	137	80	214	294
CM15-2	90SB	2.20	Rp 2	Rp 2	Rp 3/8	10	180	199	160	210	100	218	450	219	204	105	140	170	114	232	345
CM15-3	100LB	4.0	Rp 2	Rp 2	Rp 3/8	12	198	199	160	220	100	218	507	235	219	105	140	172	130	272	402
CM15-4	132SB	5.8	Rp 2	Rp 2	Rp 3/8	12	220	228	190	246	112	230	589	287	271	135	140	172	152	302	454

Please note that the dimension H is smaller than H2 for CM 15-1 and CM 15-2.

1 x 220-240 V, 50 Hz (supply voltage C)

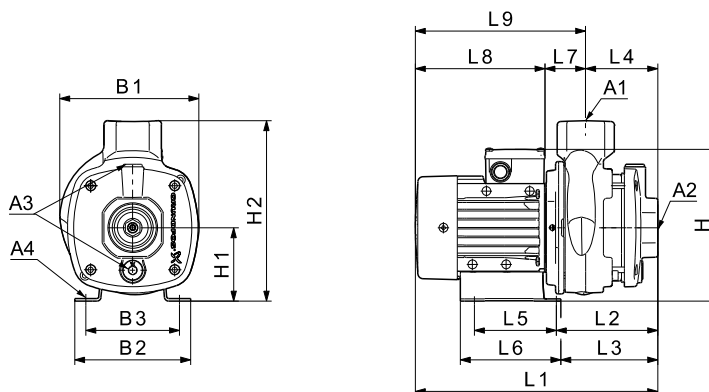
Pump type	Frame size	P ₂ [kW]	Dimensions																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM15-1	90SA	1.3	Rp 2	Rp 2	Rp 3/8	10	180	199	160	239	100	218	450	219	204	105	140	170	114	232	345
CM15-2	90SB	1.9	Rp 2	Rp 2	Rp 3/8	10	180	199	160	239	100	218	450	219	204	105	140	170	114	232	345

Dimensions, CM 60 Hz and 50/60 Hz

CM 15-A
60 Hz
50/60 Hz

CM 15-A

(A = cast iron, EN-GJL-200)



TM04 6111 4909

Dimensions

3 x 208-230 V / 440-480 V, 60 Hz (supply voltage E)

3 x 575 V, 60 Hz (supply voltage H)

3 x 400 V, 50/60 Hz (supply voltage I)

3 x 380-415 V, 50 Hz; 3 x 440-480 V, 60 Hz (supply voltage J)

Pump type	Frame size	P ₂ [kW]					Dimensions															
		50 Hz	60 Hz	A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM15-1	90CB	1.45/2.5*	2.5	Rp 2	Rp 2	Rp 3/8	10	190	199	160	210	100	245	421	190	175	97	140	170	93	232	324
CM15-2	100BB	2.36/4.0*	4	Rp 2	Rp 2	Rp 3/8	12	198	199	160	220	100	245	477	205	189	97	140	172	108	272	380
CM15-3	132AB	4.2/6.2*	6.2	Rp 2	Rp 2	Rp 3/8	12	220	228	190	246	112	257	560	258	242	127	140	172	131	302	433

* Applies to supply voltage I.

CM 15-2 and CM 15-3 are not available with supply voltage O.

Note: Until further notice, pumps for supply voltage I are only suitable for connection to a frequency of 60 Hz. A dual frequency version is expected to be ready for sales in January 2011.

3 x 200/346 V, 50 Hz; 3 x 200-220/346-380 V, 60 Hz (supply voltage G)

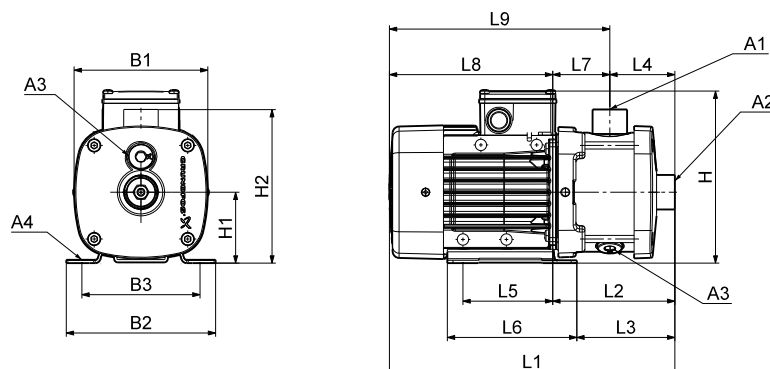
Pump type	Frame size	P ₂ [kW]			Dimensions																	
		50 Hz	60 Hz	A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM15-1	90SB	1.40	2.5	Rp 2	Rp 2	Rp 3/8	10	190	199	160	210	100	245	421	190	175	97	140	170	93	232	324
CM15-2	100LB	2.3	4.0	Rp 2	Rp 2	Rp 3/8	12	198	199	160	220	100	245	477	205	189	97	140	172	108	272	380
CM15-3	112MB	3.6	6.2	Rp 2	Rp 2	Rp 3/8	12	220	228	190	246	112	257	560	258	242	127	140	172	131	302	433

Dimensions, CM 60 Hz and 50/60 Hz

CM 15-I and CM 15-G
60 Hz
50/60 Hz

CM 15-I and CM 15-G

(I = EN 1.4301/AISI 304 and G = EN 1.4401/AISI 316)



TM04 2246 2208

Dimensions

3 x 208-230 V / 440-480 V, 60 Hz (supply voltage E)

3 x 575 V, 60 Hz (supply voltage H)

3 x 400 V, 50/60 Hz (supply voltage I)

3 x 380-415 V, 50 Hz; 3 x 440-480 V, 60 Hz (supply voltage J)

Pump type	Frame size	P ₂ [kW]		Dimensions																		
		50 Hz	60 Hz	A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM15-1	90CB	1.45/2.5*	2.5	Rp 2	Rp 2	Rp 3/8	10	180	199	160	210	100	218	450	219	204	105	140	170	114	232	345
CM15-2	100BB	2.36/4.0*	4	Rp 2	Rp 2	Rp 3/8	12	198	199	160	220	100	218	507	235	219	105	140	172	130	272	402
CM15-3	132AB	4.2/6.2*	6.2	Rp 2	Rp 2	Rp 3/8	12	220	228	190	246	112	230	559	257	241	105	140	172	152	302	454

* Applies to supply voltage I.

Note: The dimension H is smaller than H2 for CM 15-1.

CM 15-1, CM 15-2 and CM 15-3 are not available with supply voltage O.

Note: Until further notice, pumps for supply voltage I are only suitable for connection to a frequency of 60 Hz. A dual frequency version is expected to be ready for sales in January 2011.

3 x 200/346 V, 50 Hz; 3 x 200-220/346-380 V, 60 Hz (supply voltage G)

Pump type	Frame size	P ₂ [kW]		Dimensions																		
		50 Hz	60 Hz	A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM15-1	90SB	1.40	2.5	Rp 2	Rp 2	Rp 3/8	10	180	199	160	210	100	218	450	219	204	105	140	170	114	232	345
CM15-2	100LB	2.3	4.0	Rp 2	Rp 2	Rp 3/8	12	198	199	160	220	100	218	507	235	219	105	140	172	130	272	402
CM15-3	112MB	3.6	6.2	Rp 2	Rp 2	Rp 3/8	12	220	228	190	246	112	230	559	257	241	105	140	172	152	302	454

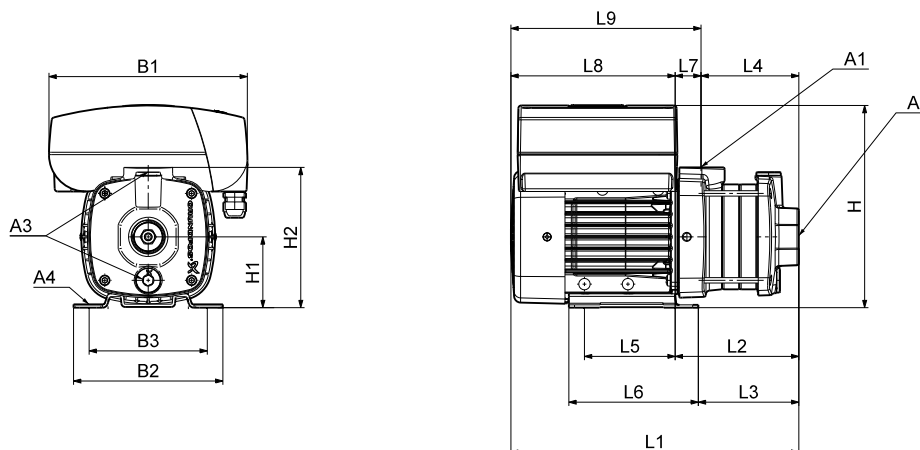
Note: The dimension H is smaller than H2 for CM 15-1.

Dimensions, CME 60 Hz and 50/60 Hz

CME 15-A
60 Hz
50/60 Hz

CME 15-A

(A = cast iron, EN-GJL-200)



TM04 2249 2208

Dimensions

3 x 380-480 V, 50/60 Hz (supply voltage L)

Pump type	Frame size	P ₂ [kW]	Dimensions																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CME15-1	90LC	2.20	Rp 2	Rp 2	Rp 3/8	10	264	199	160	267	100	245	461	190	175	97	140	170	93	272	364
CME15-2	112MC	4.0	Rp 2	Rp 2	Rp 3/8	12	290	228	190	300	112	257	530	228	212	97	140	172	131	302	433
CME15-3	132SD	7.5	Rp 2	Rp 2	Rp 3/8	12	290	228	190	300	112	257	560	258	242	127	140	172	131	302	433

3 x 460-480 V, 60 Hz (supply voltage N)

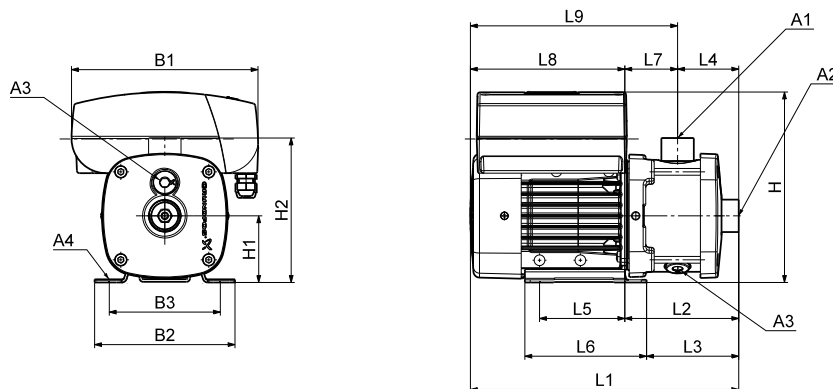
Pump type	Frame size	P ₂ [kW]	Dimensions																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CME15-1	90FA	2.20	NPT 2	NPT 2	Rp 3/8	10	264	199	160	267	100	245	461	190	175	97	140	170	93	272	364
CME15-2	112CA	4.0	NPT 2	NPT 2	Rp 3/8	12	290	228	190	300	112	257	530	228	212	97	140	172	131	302	433
CME15-3	132DA	5.5	NPT 2	NPT 2	Rp 3/8	12	290	228	190	300	112	257	560	258	242	127	140	172	131	302	433

Dimensions, CME 60 Hz and 50/60 Hz

CME 15-I and CME 15-G
60 Hz
50/60 Hz

CME 15-I and CME 15-G

(I = EN 1.4301/AISI 304 and G = EN 1.4401/AISI 316)



TM04 2247 2208

Dimensions

3 x 380-480 V, 50/60 Hz (supply voltage L)

Pump type	Frame size	P ₂ [kW]	Dimensions																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CME15-1	90LC	2.20	Rp 2	Rp 2	Rp 3/8	10	264	199	160	267	100	218	490	219	204	105	140	170	114	272	385
CME15-2	112MC	4.0	Rp 2	Rp 2	Rp 3/8	12	290	228	190	300	112	230	559	257	241	105	140	172	152	302	454
CME15-3	132SD	7.5	Rp 2	Rp 2	Rp 3/8	12	290	228	190	300	112	230	559	257	241	105	140	172	152	302	454

3 x 460-480 V, 60 Hz (supply voltage N)

Pump type	Frame size	P ₂ [kW]	Dimensions																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CME15-1	90FA	2.20	NPT 2	NPT 2	Rp 3/8	10	264	199	160	267	100	218	490	219	204	105	140	170	114	272	385
CME15-2	112CA	4.0	NPT 2	NPT 2	Rp 3/8	12	290	228	190	300	112	230	559	257	241	105	140	172	152	302	454
CME15-3	132DA	5.5	NPT 2	NPT 2	Rp 3/8	12	290	228	190	300	112	230	559	257	241	105	140	172	152	302	454

CM 15-A

(A = cast iron, EN-GJL-200)

Supply voltage	Pump type	Net weight [kg]	Gross weight [kg]	Shipping volume [m ³]
1 x 220-240 V, 50 Hz (supply voltage C)	CM 15-1	28.5	31.0	0.0370
	CM 15-2	31.3	33.8	0.0370
3 x 220-240 V / 380-415 V, 50 Hz (supply voltage F)	CM 15-1	22.7	25.2	0.0370
	CM 15-2	31.3	33.8	0.0370
	CM 15-3	40.2	42.7	0.0444
	CM 15-4	56.0	58.5	0.0495
	CM 15-1	30.6	33.1	0.0370
3 x 200/346 V, 50 Hz; 3 x 200-220/346-380 V, 60 Hz (supply voltage G)	CM 15-2	39.5	42.0	0.0444
	CM 15-3	48.3	50.8	0.0495
	CM 15-1	30.6	33.1	0.0370
3 x 208-230 V / 440-480 V, 60 Hz (supply voltage E)	CM 15-2	39.5	42.0	0.0444
3 x 575 V, 60 Hz (supply voltage H)	CM 15-3	48.3	50.8	0.0495
3 x 400 V, 50/60 Hz (supply voltage I)*				
3 x 380-415 V, 50 Hz; 3 x 440-480 V, 60 Hz (supply voltage J)				

* Until further notice, pumps for supply voltage I are only suitable for connection to a frequency of 60 Hz. A dual frequency version is expected to be ready for sales in January 2011.

CM 25-A

(A = cast iron, EN-GJL-200)

Supply voltage	Pump type	Net weight [kg]	Gross weight [kg]	Shipping volume [m ³]
1 x 220-240 V, 50 Hz (supply voltage C)	CM 25-1	28.5	31.0	0.0370
	CM 25-1	30.6	33.1	0.0370
3 x 220-240 V / 380-415 V, 50 Hz (supply voltage F)	CM 25-2	39.5	42.0	0.0444
	CM 25-3	55.3	57.8	0.0495
	CM 25-4	56.0	58.5	0.0495
	CM 25-1	38.8	41.31	0.0444
3 x 200/346 V, 50 Hz; 3 x 200-220/346-380 V, 60 Hz (supply voltage G)	CM 25-2	47.6	50.11	0.0495
	CM 25-1	38.8	41.3	0.0444
3 x 208-230 V / 440-480 V, 60 Hz (supply voltage E)	CM 25-2	47.6	50.1	0.0495
3 x 575 V, 60 Hz (supply voltage H)				
3 x 400 V, 50/60 Hz (supply voltage I)*				
3 x 380-415 V, 50 Hz; 3 x 440-480 V, 60 Hz (supply voltage J)				

* Until further notice, pumps for supply voltage I are only suitable for connection to a frequency of 60 Hz. A dual frequency version is expected to be ready for sales in January 2011.

CM 10-I and CM 10-G

(I = EN 1.4301/AISI 304 and G = EN 1.4401/AISI 316)

Supply voltage	Pump type	Net weight [kg]	Gross weight [kg]	Shipping volume [m ³]
1 x 220-240 V, 50 Hz (supply voltage C)	CM 10-1	17.6	20.1	0.0370
	CM 10-2	24.8	27.3	0.0444
	CM 10-3	27.1	29.6	0.0444
1 x 115/230 V, 60 Hz (supply voltage B) 1 x 220 V, 60 Hz (supply voltage A) 3 x 220-240 V / 380-415 V, 50 Hz (supply voltage F)	CM 10-1	18.8	21.3	0.0370
	CM 10-1	16.3	18.8	0.0370
	CM 10-2	19.0	21.5	0.0370
	CM 10-3	27.1	29.6	0.0444
	CM 10-4	33.2	35.7	0.0495
	CM 10-5	34.6	37.1	0.0847
	CM 10-6	37.7	40.2	0.0847
	CM 10-7	54.3	56.8	0.0847
	CM 10-8	54.5	57.0	0.0847
	CM 10-1	18.8	21.3	0.0370
3 x 200/346 V, 50 Hz; 3 x 200-220/346-380 V, 60 Hz (supply voltage G)	CM 10-2	26.9	29.4	0.0444
	CM 10-3	35.3	37.8	0.0444
	CM 10-4	44.3	46.8	0.0495
	CM 10-5	45.7	48.2	0.0847
	CM 10-1	18.8	21.3	0.0370
3 x 208-230 V / 440-480 V, 60 Hz (supply voltage E) 3 x 575 V, 60 Hz (supply voltage H) 3 x 400 V, 50/60 Hz (supply voltage I)* 3 x 380-415 V, 50 Hz; 3 x 440-480 V, 60 Hz (supply voltage J) 3 x 220-240/380-415 V, 50 Hz; 3 x 220-255/380-440 V, 60 Hz (supply voltage O)	CM 10-2	26.9	29.4	0.0444
	CM 10-3	35.3	37.8	0.0444
	CM 10-4	44.3	46.8	0.0495
	CM 10-5	45.7	48.2	0.0847
	CM 10-1	18.8	21.3	0.0370

* Until further notice, pumps for supply voltage I are only suitable for connection to a frequency of 60 Hz. A dual frequency version is expected to be ready for sales in January 2011.

CM 15-I and CM 15-G

(I = EN 1.4301/AISI 304 and G = EN 1.4401/AISI 316)

Supply voltage	Pump type	Net weight [kg]	Gross weight [kg]	Shipping volume [m ³]
1 x 220-240 V, 50 Hz (supply voltage C)	CM 15-1	24.5	27.0	0.0444
	CM 15-2	26.8	29.3	0.0444
3 x 220-240 V / 380-415 V, 50 Hz (supply voltage F)	CM 15-1	18.6	21.1	0.0370
	CM 15-2	26.8	29.3	0.0444
	CM 15-3	35.2	37.7	0.0444
	CM 15-4	51.2	53.7	0.0495
	CM 15-1	26.6	29.08	0.0444
3 x 200/346 V, 50 Hz; 3 x 200-220/346-380 V, 60 Hz (supply voltage G)	CM 15-2	35.0	37.46	0.0444
	CM 15-3	43.3	45.82	0.0495
	CM 15-1	26.6	29.1	0.0444
3 x 208-230 V / 440-480 V, 60 Hz (supply voltage E) 3 x 575 V, 60 Hz (supply voltage H) 3 x 400 V, 50/60 Hz (supply voltage I)* 3 x 380-415 V, 50 Hz; 3 x 440-480 V, 60 Hz (supply voltage J)	CM 15-2	35.0	37.5	0.0444
	CM 15-3	43.3	45.8	0.0495
	CM 15-1	26.6	29.1	0.0444

* Until further notice, pumps for supply voltage I are only suitable for connection to a frequency of 60 Hz. A dual frequency version is expected to be ready for sales in January 2011.



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Repl. 96903467 0210

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ECM: 1065503

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