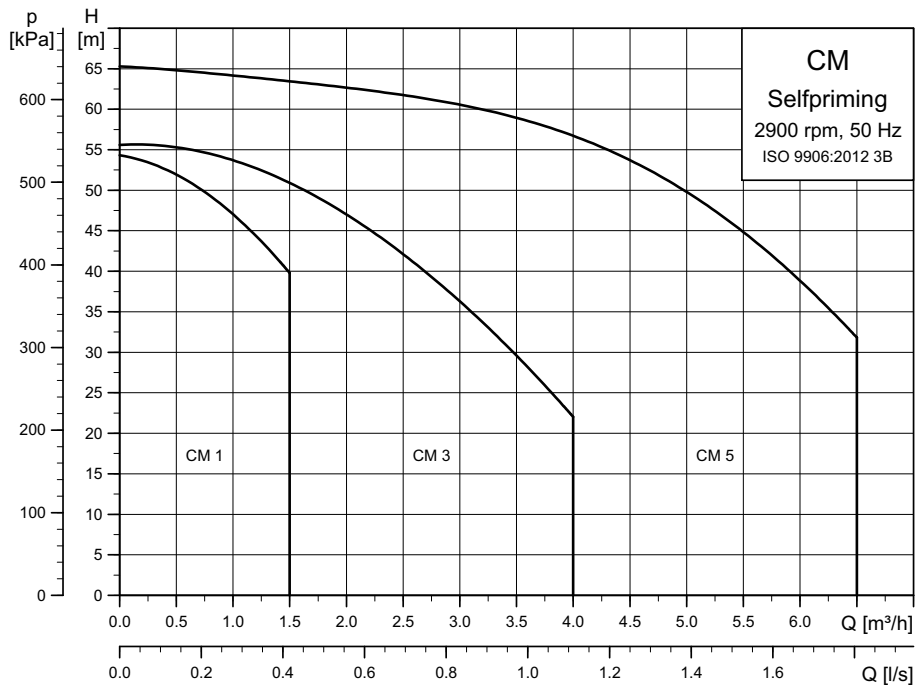


CM self-priming

Pump type	Max. suction lift		Material	Shaft seal		Supply voltage										
						Mains-operated motor										
	4 metres	8 metres				50 Hz	60 Hz					50/60 Hz				
			Stainless steel EN 1.4301/AISI 304 (CM-I)	AVBE/AQQE	AVBV/AQQV	1 x 220-240 V (supply voltage C)	3 x 220-240/380-415 V (supply voltage F)	1 x 220 V (supply voltage A)	1 x 115/230 V (supply voltage B/B1)	1 x 127 V (supply voltage D)	3 x 208-230/440-480 V (supply voltage E/E1)	3 x 575 V (supply voltage H)	3 x 220-240/380-415 V (50 Hz) / 3 x 220-255/380-440 V (60 Hz) (supply voltage O)	3 x 380-415 V (50 Hz) / 3 x 440-480 V (60 Hz) (supply voltage J)	3 x 200 V/346 V (50 Hz); 3 x 200-220/346-380 V (60 Hz) (supply voltage G)	3 x 400 V (50/60 Hz) (supply voltage I)
CM 1-3	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 1-4	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 1-5	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 1-6	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 3-3	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 3-4	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 3-5	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 3-6	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 5-3	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 5-4	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 5-5	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 5-6	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○
CM 5-7	●	●	●	●	○	●	○	●	○	○	○	○	○	○	○	○

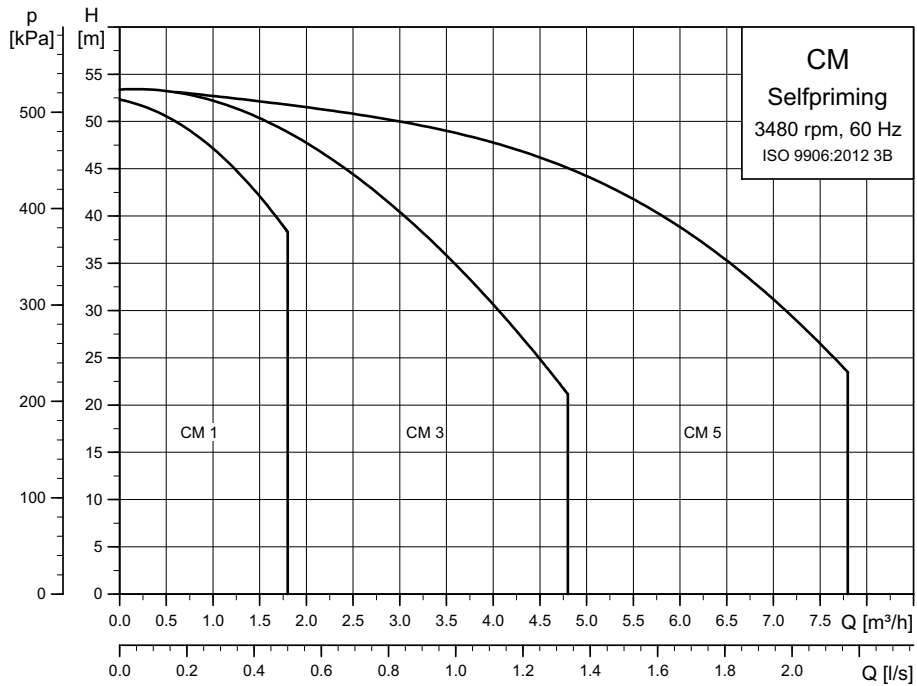
- Available as standard
- Available on request
- Not available

CM self-priming, 50 Hz



TM05 8834 4616

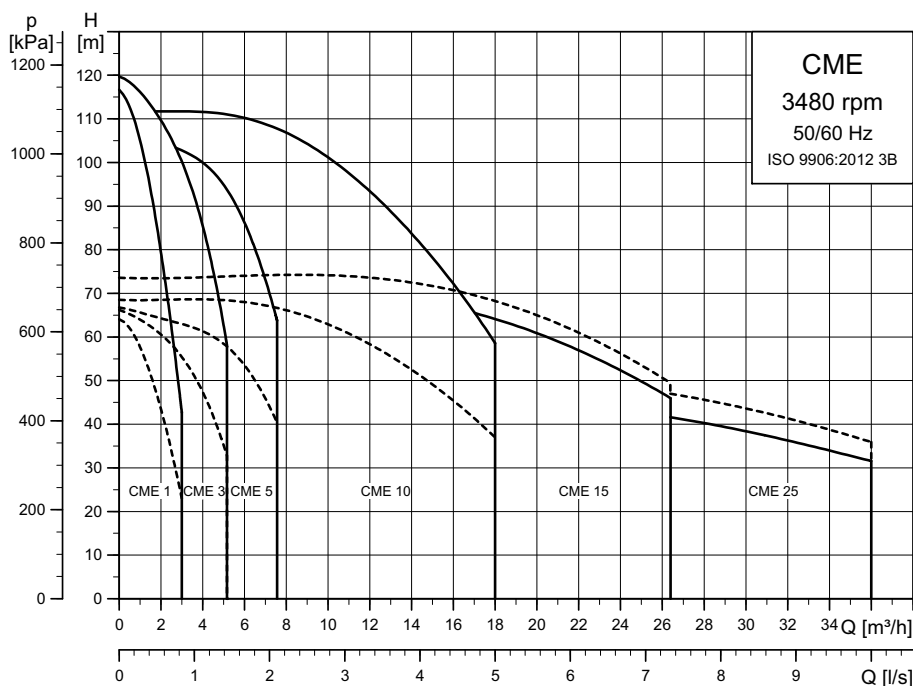
CM self-priming, 60 Hz



TM05 8835 4616

CME, 50/60 Hz

Supply voltages S, T, U



TM04 3568 5112

EuP ready

The CM, CME pumps are energy-optimised and comply with the EuP Directive (Commission Regulation (EC) No 547/2012) which has been effective since 1 January 2013. As from this date, all pumps will be classified/graduated in a new energy efficiency index (MEI).

Minimum efficiency index

Minimum efficiency index (MEI) means the dimensionless scale unit for hydraulic pump efficiency at best efficiency point (BEP), part load (PL) and overload (OL). The Commission Regulation (EU) sets efficiency requirements to $MEI \geq 0.40$ as from 1 January 2015. An indicative benchmark for best-performing water pump available on the market as from 1 January 2013 is determined in the Regulation.

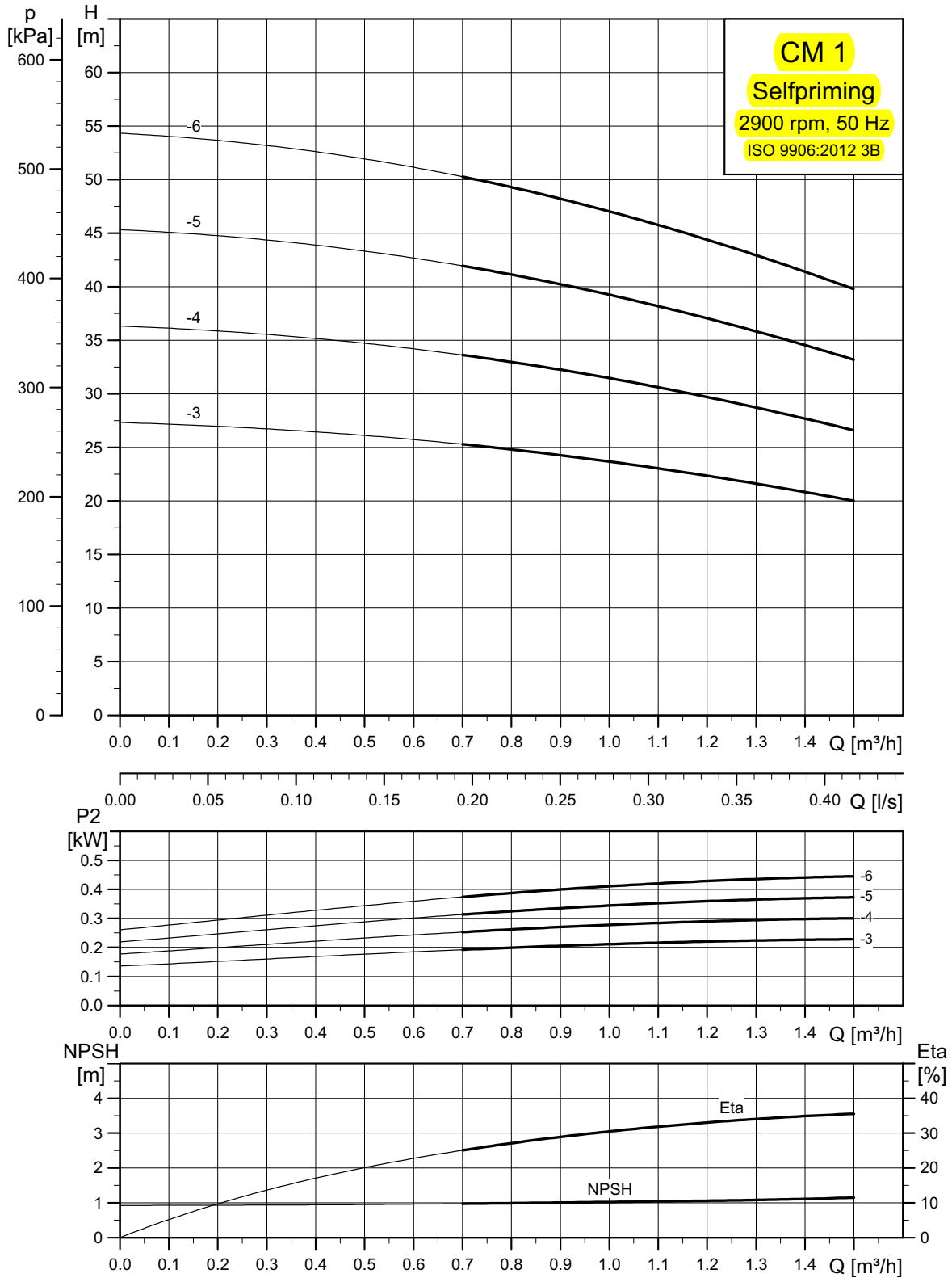
- The benchmark for most efficient water pumps is $MEI \geq 0.70$.
- The efficiency of a pump with a trimmed impeller is usually lower than that of a pump with the full impeller diameter. The trimming of the impeller will adapt the pump to a fixed duty point, leading to reduced energy consumption. The minimum efficiency index (MEI) is based on the full impeller diameter.

- The operation of this water pump with variable duty points may be more efficient and economic when controlled, for example, by the use of a variable-speed drive that matches the pump duty to the system.
- Information on benchmark efficiency is available at <http://europump.eu/efficiencycharts>.

Pump type	MEI	Efficiency at best efficiency point [%]
CM, CME 1 A	0.70	37.1
CM, CME 1 I/G	0.68	36.4
CM, CME 3 A	0.70	50.6
CM, CME 3 I/G	0.70	49.3
CM, CME 5 A	0.70	53.3
CM, CME 5 I/G	0.70	52.1
CM, CME 10 A	0.70	62.2
CM, CME 10 I/G	0.52	57.9
CM, CME 15 A	0.70	67.5
CM, CME 15 I/G	0.59	63.1
CM, CME 25 A	0.70	68.3
CM, CME 25 I/G	0.41	63.8

18. Performance curves, CM self-priming, 50 Hz

CM 1



Note: Pump performance is influenced by the suction lift. See page 52.

TM05 8756 4616

Pump performance in relation to suction lift

CM 1-3

Pump head [m]		Flow [m ³ /h]						
		0	0.25	0.5	0.75	1	1.25	1.5
Suction lift [m]	0	27.3	26.9	26.1	25.1	23.7	22.0	20.0
	1	26.3	25.9	25.1	24.1	22.7	21.0	19.0
	2	25.3	24.9	24.1	23.1	21.7	20.0	18.0
	3	24.3	23.9	23.1	22.1	20.7	19.0	17.0
	4	23.3	22.9	22.1	21.1	19.7	18.0	16.0

CM 1-4

Pump head [m]		Flow [m ³ /h]						
		0	0.25	0.5	0.75	1	1.25	1.5
Suction lift [m]	0	36.3	35.7	34.7	33.3	31.5	29.2	26.6
	1	35.3	34.7	33.7	32.3	30.5	28.2	25.6
	2	34.3	33.7	32.7	31.3	29.5	27.2	24.6
	3	33.3	32.7	31.7	30.3	28.5	26.2	23.6
	4	32.3	31.7	30.7	29.3	27.5	25.2	22.6

CM 1-5

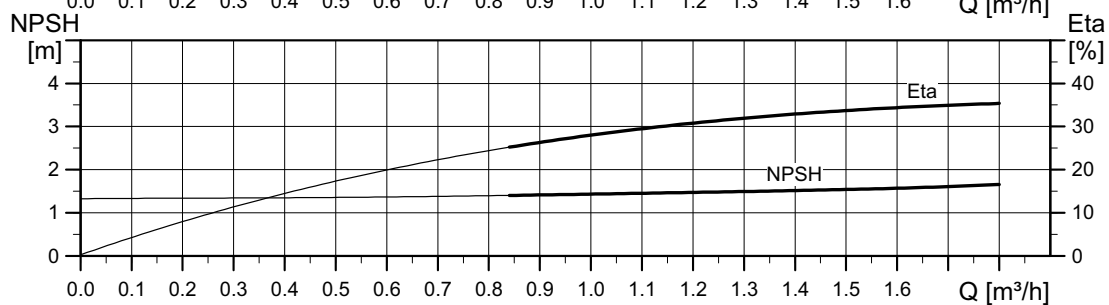
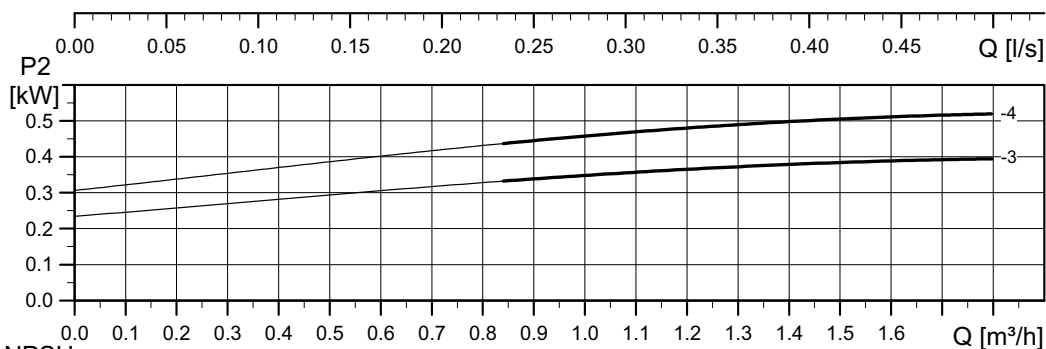
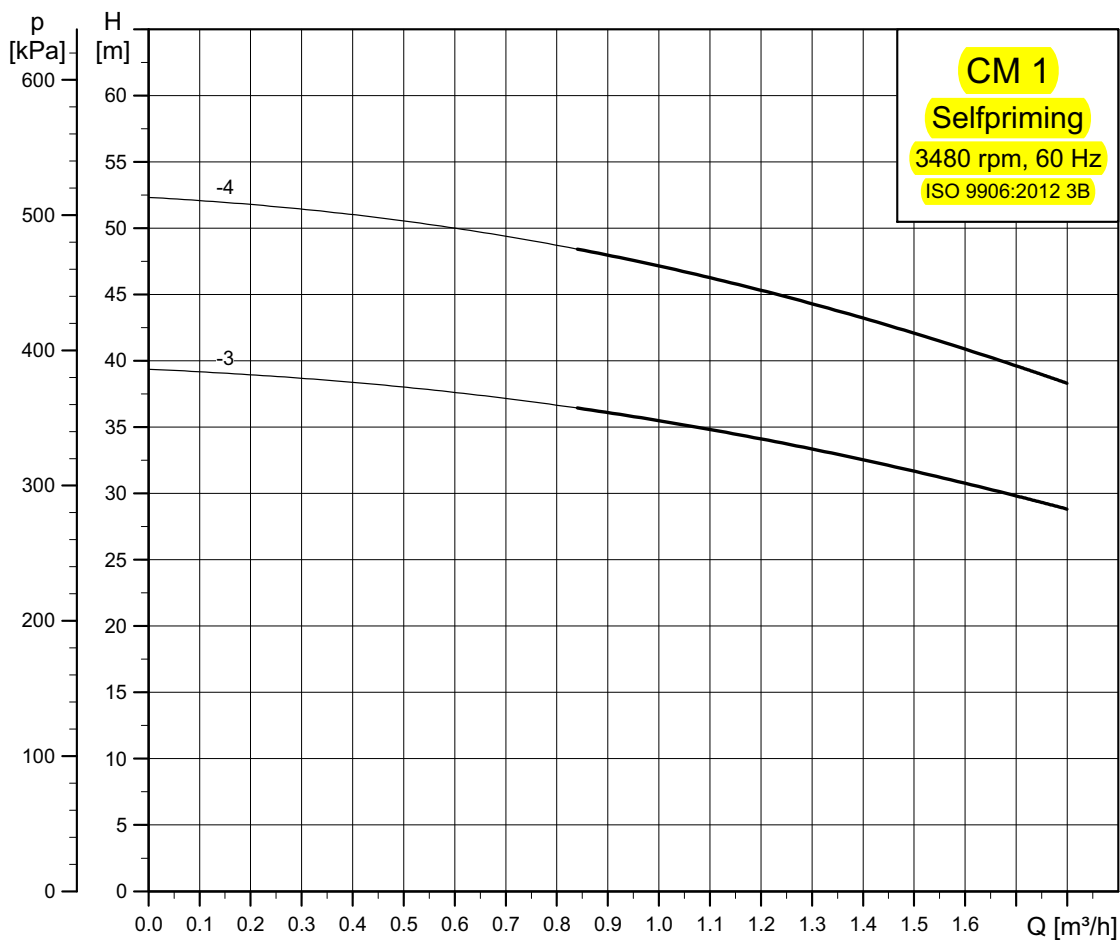
Pump head [m]		Flow [m ³ /h]						
		0	0.25	0.5	0.75	1	1.25	1.5
Suction lift [m]	0	45.3	44.6	43.3	41.6	39.3	36.5	33.2
	1	44.3	43.6	42.3	40.6	38.3	35.5	32.2
	2	43.3	42.6	41.3	39.6	37.3	34.5	31.2
	3	42.3	41.6	40.3	38.6	36.3	33.5	30.2
	4	41.3	40.6	39.3	37.6	35.3	32.5	29.2

CM 1-6

Pump head [m]		Flow [m ³ /h]						
		0	0.25	0.5	0.75	1	1.25	1.5
Suction lift [m]	0	54.3	53.4	51.9	49.8	47.0	43.7	39.8
	1	53.3	52.4	50.9	48.8	46.0	42.7	38.8
	2	52.3	51.4	49.9	47.8	45.0	41.7	37.8
	3	51.3	50.4	48.9	46.8	44.0	40.7	36.8
	4	50.3	49.4	47.9	45.8	43.0	39.7	35.8

19. Performance curves, CM self-priming, 60 Hz

CM 1



Note: Pump performance is influenced by the suction lift. See page 59.

TM05 8793 4616

Pump performance in relation to suction lift

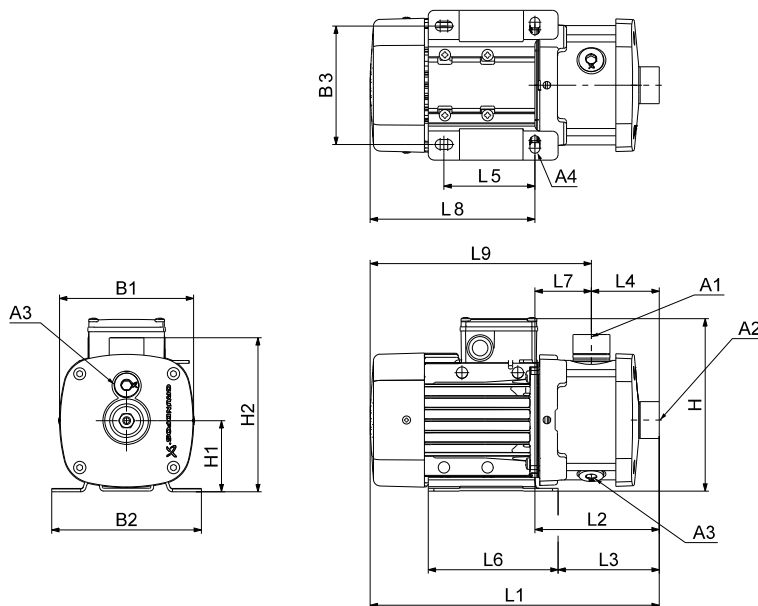
CM 1-3

Pump head [m]		Flow [m ³ /h]										
		0	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5
Suction lift [m]	0	39.4	38.8	38.0	36.9	35.5	33.7	31.7	29.3	26.7	23.8	20.8
	1	38.4	37.8	37.0	35.9	34.5	32.7	30.7	28.3	25.7	22.8	19.8
	2	37.4	36.8	36.0	34.9	33.5	31.7	29.7	27.3	24.7	21.8	18.8
	3	36.4	35.8	35.0	33.9	32.5	30.7	28.7	26.3	23.7	20.8	17.8
	4	35.4	34.8	34.0	32.9	31.5	29.7	27.7	25.3	22.7	19.8	16.8

CM 1-4

Pump head [m]		Flow [m ³ /h]										
		0	0.25	0.5	0.75	1	1.25	1.5	1.75	2	2.25	2.5
Suction lift [m]	0	52.3	51.6	50.5	49.1	47.2	44.8	42.1	39.0	35.5	31.7	27.7
	1	51.3	50.6	49.5	48.1	46.2	43.8	41.1	38.0	34.5	30.7	26.7
	2	50.3	49.6	48.5	47.1	45.2	42.8	40.1	37.0	33.5	29.7	25.7
	3	49.3	48.6	47.5	46.1	44.2	41.8	39.1	36.0	32.5	28.7	24.7
	4	48.3	47.6	46.5	45.1	43.2	40.8	38.1	35.0	31.5	27.7	23.7

23. Dimensions, CM self-priming 50 Hz and 60 Hz



TM06 7507 3616

Dimensions

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

Pump type	Frame size	P ₂ [kW]	Dimensions [mm]																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM 1-3	71	0.30	1"	1"	3/8"	10.5	141	158	125	208	75	165	378	204	180	144	96	137	60	174	234
CM 1-4	71	0.50	1"	1"	3/8"	10.5	141	158	125	208	75	165	378	204	180	144	96	137	60	174	234
CM 1-5	71	0.50	1"	1"	3/8"	10.5	141	158	125	208	75	165	414	240	216	180	96	137	60	174	234
CM 1-6	71	0.50	1"	1"	3/8"	10.5	141	158	125	208	75	165	414	240	216	180	96	137	60	174	234
CM 3-3	71	0.50	1"	1"	3/8"	10.5	141	158	125	208	75	165	378	204	180	144	96	137	60	174	234
CM 3-4	71	0.50	1"	1"	3/8"	10.5	141	158	125	208	75	165	378	204	180	144	96	137	60	174	234
CM 3-5	71	0.50	1"	1"	3/8"	10.5	141	158	125	208	75	165	414	240	216	180	96	137	60	174	234
CM 3-6	80	0.67	1"	1"	3/8"	10.5	141	158	125	208	75	165	454	240	216	180	96	137	60	214	274
CM 5-3	71	0.50	1"	1"	3/8"	10.5	141	158	125	208	75	165	378	204	180	144	96	137	60	174	234
CM 5-4	80	0.67	1"	1"	3/8"	10.5	141	158	125	208	75	165	418	204	180	144	96	137	60	214	274
CM 5-5	80	0.90	1"	1"	3/8"	10.5	141	158	125	208	75	165	454	240	216	180	96	137	60	214	274
CM 5-6	90	1.30	1"	1"	3/8"	10.0	178	178	140	229	90	180	505	281	266	180	125	155	101	224	325
CM 5-7	90	1.30	1"	1"	3/8"	10.0	178	178	140	229	90	180	541	317	302	216	125	155	101	224	325

1 x 220 V, 60 Hz (supply voltage A)

Pump type	Frame size	P ₂ [kW]	Dimensions [mm]																		
			A1	A2	A3	A4	B1	B2	B3	H	H1	H2	L1	L2	L3	L4	L5	L6	L7	L8	L9
CM 1-3	71	0.60	1"	1"	3/8"	10.5	141	158	125	208	75	165	378	204	180	144	96	137	60	174	234
CM 1-4	71	0.60	1"	1"	3/8"	10.5	141	158	125	208	75	165	378	204	180	144	96	137	60	174	234
CM 3-3	71	0.60	1"	1"	3/8"	10.5	141	158	125	208	75	165	378	204	180	144	96	137	60	174	234
CM 3-4	80	0.84	1"	1"	3/8"	10.5	141	158	125	208	75	165	418	204	180	144	96	137	60	214	274
CM 5-3	80	1.14	1"	1"	3/8"	10.5	141	158	125	208	75	165	418	204	180	144	96	137	60	214	274
CM 5-4	90	1.54	1"	1"	3/8"	10.0	178	178	140	229	90	180	469	245	230	144	125	155	101	224	325

All dimensions are in mm unless otherwise stated.

26. Motor data

Mains-operated motors, 50 Hz

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

Frame size	P ₂ [kW]	I _{1/1} [A]	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
71A	0.3	1.8 - 2.4	0.95 - 0.86	67.4 - 61.4	6.1 - 8.2	2.800 - 2.830
71B	0.5	3.1 - 2.8	0.97 - 0.99	74-70	16.4 - 14.8	2.730 - 2.740
80A	0.67	4.4 - 4.0	0.99 - 0.99	71.8 - 73	17.2 - 15.6	2.720 - 2.800
80B	0.9	5.4 - 5.0	0.98 - 0.98	76-74	23.2 - 21.5	2.750 - 2.790
90SA	1.3	8.4 - 8.0	0.98 - 0.98	71-71	28.6 - 27.2	2.710 - 2.710
90SB	1.9	11.0 - 10.0	0.99 - 0.98	75-76	40.7 - 37.0	2.755 - 2.770

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

Frame size	P ₂ [kW]	I _{1/1} [A]	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
71A	0.46	2.0 - 2.2 / 1.0 - 1.2	0.83 - 0.75	73.4 - 73.6	9.8 - 11.7 / 4.9 - 6.4	2.770 - 2.820
71B	0.65	2.8 - 3.1 / 1.6 - 1.8	0.82 - 0.72	73.9 - 72.9	16.2 - 19.2 / 9.3 - 11.2	2.770 - 2.820
80C	1.10	4.4 - 4.5 / 2.55 - 2.6	0.82 - 0.74	83.1 - 83.4	31.7 - 35.1 / 18.4 - 20.3	2.830 - 2.860
90SB	1.50	5.45 - 5.45 / 3.15 - 3.15	0.87 - 0.82	84.2 - 84.9	46.3 - 50.7 / 26.8 - 29.3	2.890 - 2.910
90LC	2.20	7.70 - 7.70 / 4.45 - 4.45	0.89 - 0.87	85.9 - 85.9	65.5 - 73.2 / 37.8 - 42.3	2.890 - 2.910
100LC	3.00	11.0 - 11.0 / 6.30 - 6.30	0.87 - 0.82	87.2 - 87.1	92.4 - 101.2 / 52.9 - 58.0	2.900 - 2.920
112MC	4.00	13.8 - 13.2 / 8.00 - 7.65	0.89 - 0.86	89.2 - 89.2	154.6 - 162.4 / 89.6 - 94.1	2.920 - 2.940
132SC	5.50	19.0 - 19.0 / 11.0 - 11.0	0.87 - 0.82	89.9 - 90.2	212.8 - 243.2 / 123.2 - 140.8	2.920 - 2.940
132SD	6.40	22.8 - 22.6 / 13.2 - 13.0	0.86 - 0.80	89.9 - 90.0	273.6 - NA / 158.4 - NA	2.920 - 2.930

Mains-operated motors, 60 Hz

1 x 220 V, 60 Hz (supply voltage A)

Frame size	P ₂		Service factor	I _{1/1} [A]	Service factor current	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
	[kW]	[hp]							
71B	0.60	0.80	1	4.1	4.1	0.98	71	16.8	3.300
80A	0.84	1.1	1	5.8	5.8	0.98	69.8	18.6	3.150
80B	1.14	1.5	1	7.35	7.35	0.99	73.5	19.8	3.270
90SB	1.54	2.0	1	9.8	9.8	0.98	74.8	37.2	3.330

1 x 115/230 V, 60 Hz (supply voltage B)

Frame size	P ₂		Service factor	I _{1/1} [A]	Service factor current	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
	[kW]	[hp]							
71BA	0.60	0.8	1	7.6 / 3.9	7.6 / 3.9	0.76	69-66	19.8 / 10.1	3.240
80AA	0.78	1.06	1	10.6 / 5.4	10.6 / 5.4	0.65	69-68	31.8 / 16.2	3.240
80BA	1.10	1.50	1	14.0 / 7.0	14.0 / 7.0	0.94	71-69	44.8 / 22.4	3.320
90CC	1.50	2.03	1	19.5 / 9.8	19.5 / 9.8	0.97	72.9 - 69	78.0 / 39.2	3.360

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

Frame size	P ₂		Service factor	I _{1/1} [A]	Service factor current	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
	[kW]	[hp]							
71AA	0.43	0.58	1	1.9 - 1.7 / 1.0 - 0.8	1.9 - 1.7 / 1.0 - 0.8	0.85 - 0.81 / 0.85 - 0.81	76.0 - 78.6	11.2 - 11.1 / 5.9 - 5.2	3.360 - 3.420
71BA	0.74	1.0	1	3.4 - 3.6 / 1.7 - 1.8	3.4 - 3.6 / 1.7 - 1.8	0.89 - 0.83 / 0.89 - 0.83	76.0 - 78.4	20.1 - 23.4 / 10.0 - 11.7	3.220 - 3.370
80CB	1.1	1.47	1	5.2 - 5.1 / 2.55 - 2.65	5.2 - 5.1 / 2.55 - 2.65	0.81 - 0.73 / 0.81 - 0.73	84.8 - 84.7	35.4 - 39.3 / 17.3 - 20.4	3.430 - 3.470
90FA	2.2	2.95	1	8.20 - 7.7 / 4.0 - 3.7	8.20 - 7.7 / 4.0 - 3.7	0.9 - 0.86 / 0.9 - 0.86	86.5 - 87.0	74.6 - 80.9 / 36.4 - 38.9	3.510 - 3.530
100DA	2.9	3.9	1	10.8 - 10.5 / 5.25 - 5.3	10.8 - 10.5 / 5.25 - 5.3	0.85 - 0.78 / 0.85 - 0.78	88.0 - 88.2	129.6 - 91.4 / 63.0 - 46.1	3.520 - 3.530
112CA	4.0	5.36	1	14.6 - 13.6 / 6.95 - 6.65	14.6 - 13.6 / 6.95 - 6.65	0.9 - 0.86 / 0.9 - 0.86	88.6 - 88.5	131.4 - 156.4 / 62.6 - 76.5	3.530 - 3.540
132DA	5.5	7.37	1	20.4 - 19.8 / 9.95 - 9.85	20.4 - 19.8 / 9.95 - 9.85	0.84 - 0.78 / 0.84 - 0.78	90.1 - 90.0	259.1 - 277.2 / 126.4 - 137.9	3.540 - 3.550
132EB	6.4	8.57	1	23.6 - 22.8 / 11.6 - 11.6	23.6 - 22.8 / 11.6 - 11.6	0.84 - 0.78 / 0.84 - 0.78	90.1 - 89.9	144.0 - 143.6 / 70.8 - 73.1	3.530 - 3.550

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

Frame size	P ₂		Service factor	I _{1/1} [A]	Service factor current	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
	[kW]	[hp]							
71AA	0.43	0.58	1	0.7	0.7	0.84	76.0	4.6	3.340
71BA	0.74	1.0	1	1.3	1.3	0.84	76	8.5	3.340
80BA	1.04	1.4	1	1.55	1.55	0.8	85.2	11.8	3.450
80CB	1.28	1.7	1	1.84	1.84	0.82	85.7	15.3	3.440
90CC	1.7	2.3	1	2.89	2.89	0.83	85.9	27.7	3.440
90FA	2.5	3.4	1	3.5	3.5	0.9	85.9	20.7	3.490
100BB	4.0	5.4	1	5.7	5.7	0.88	88.5	49.6	3.500
132CA	6	8	1	8.2	8.2	0.86	89.2	106.6	3.520

* Only available with IE2 efficiency motors.

Mains-operated motors, 50/60 Hz

3 x 220-240/380-415 V, 50 Hz; 3 x 220-255/380-440 V, 60 Hz (supply voltage O)

Frame size	P ₂ [kW]	Frequency [Hz]	I _{1/1} [A]	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
71B	0.43	50	2.3 - 2.6 / 1.3 - 1.5	0.72 - 0.60	78-76	11.5 - 15.6 / 6.5 - 9.0	2.870 - 2.890
	0.74	60	3.1 - 2.75 / 1.78 - 1.58	0.87 - 0.84	75-77	15.5 - 16.5 / 8.9 - 9.5	3.280 - 3.350
80C	0.64	50	3.75 - 4.75 / 2.16 - 2.75	0.56 - 0.43	83.1 - 78.6	36.0 - 42.8 / 20.7 - 24.8	2.920 - 2.930
	1.1	60	4.30 - 4.25 / 2.48 - 2.44	0.83 - 0.72	84.6 - 85.4	28.4 - 33.2 / 16.4 - 19.0	3.420 - 3.470
90LC	1.27	50	5.9 - 6.95 / 3.40 - 4.0	0.70 - 0.55	85.4 - 83.4	85.6 - 95.9 / 49.3 - 55.2	2.960 - 2.970
	2.2	60	7.95 - 7.55 / 4.60 - 4.35	0.88 - 0.84	86.8 - 87.0	71.6 - 90.6 / 41.4 - 52.2	3.520 - 3.530
100LC	1.68	50	7.0 - 7.90 / 4.05 - 4.55	0.73 - 0.62	88.1 - 86.2	98.0 - 110.6 / 56.7 - 63.7	2.950 - 2.960
	2.90	60	10.2 - 9.10 / 5.85 - 5.25	0.90 - 0.85	86.9 - 88.5	88.7 - 88.3 / 50.9 - 50.9	3.490 - 3.520
112MC	2.3	50	9.95 - 10.6 / 5.75 - 6.1	0.73 - 0.63	88.4 - 86.7	159.2 - 173.8 / 92.0 - 100.0	2.970 - 2.970
	4	60	14.0 - 12.8 / 8.05 - 7.35	0.89 - 0.84	89.1 - 89.7	147.0 - 169.0 / 84.5 - 97.0	3.520 - 3.540
132SC	3.18	50	12.4 - 13.0 / 7.20 - 7.45	0.78 - 0.69	90.0 - 89.2	213.3 - 236.6 / 123.8 - 135.6	2.960 - 2.960
	5.5	60	19.0 - 16.8 / 11.0 - 9.75	0.91 - 0.86	89.5 - 90.4	201.4 - 231.0 / 116.6 - 134.1	3.510 - 3.530
132SD	3.7	50	16.4 - 18.4 / 9.45 - 10.6	0.69 - 0.57	89.6 - 87.8	272.2 - 311.0 / 156.9 - 179.1	2.960 - 2.970
	6.4	60	22.2 - 20.4 / 12.8 - 11.8	0.89 - 0.82	90.0 - 90.2	217.6 - 265.2 / 125.4 - 153.4	3.510 - 3.540

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

Frame size	P ₂ [kW]	Frequency [Hz]	I _{1/1} [A]	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
71AA	0.25	50	0.55 - 0.65	0.77 - 0.71	77-76	4.0 - 5.1	2.870 - 2.890
	0.43	60	0.95 - 0.80	0.85 - 0.82	76.0 - 78.6	5.6 - 5.2	3.360 - 3.420
71BA	0.43	50	1.4 - 1.5	0.76 - 0.66	77-76	7.7 - 9.0	2.860 - 2.890
	0.74	60	1.7 - 1.8	0.89 - 0.83	76.0 - 78.4	10.0 - 11.7	3.220 - 3.380
80CB	0.64	50	1.82 - 1.98	0.67 - 0.56	84.2 - 83.1	16.9 - 19.2	2.910 - 2.920
	1.10	60	2.22 - 2.22	0.8 - 0.72	84.9 - 85.4	16.7 - 19.3	3.440 - 3.470
90FA	1.27	50	2.85 - 2.9	0.81 - 0.74	86.7 - 86	34.2 - 37.7	2.950 - 2.960
	2.2	60	4.0 - 3.7	0.88 - 0.84	86.8 - 87.0	36.0 - 40.7	3.520 - 3.530
100DA	1.68	50	4.05 - 4.60	0.73 - 0.62	88.1 - 86.2	48.6 - 62.1	2.950 - 2.960
	2.9	60	5.25 - 5.3	0.85 - 0.79	88.5 - 88.2	63.0 - 46.1	3.520 - 3.540
112CA	2.3	50	5.2 - 5.1	0.8 - 0.74	86.4 - 88.8	80.6 - 78.3	2.960 - 2.970
	4.0	60	6.95 - 6.65	0.88 - 0.84	88.7 - 88.5	84.1 - 89.1	3.540 - 3.550
132DA	3.18	50	7.2 - 7.45	0.78 - 0.69	90.0 - 89.2	123.8 - 135.6	2.960 - 2.960
	5.5	60	9.7 - 9.45	0.86 - 0.82	90.4 - 90.4	133.4 - 145.5	3.530 - 3.550
132EB	3.7	50	9.45 - 10.6	0.69 - 0.57	89.6 - 87.8	156.9 - 179.1	2.960 - 2.970
	6.4	60	11.8 - 12.0	0.82 - 0.74	90.6 - 90.2	153.4 - 174.0	3.540 - 3.550

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

Frame size	P ₂ [kW]	Frequency [Hz]	I _{1/1} [A]	Cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
71AA	0.25	50	1.6 / 1.0	0.65	77	11.7 / 7.3	2.900
	0.43	60	2.0 - 1.8 / 1.15 - 1.05	0.85 - 0.8	76.0 - 78.6	11.8 - 11.7 / 6.8 - 6.8	3.370 - 3.424
71B	0.43	50	3.6 / 2.0	0.53	77	19.8 / 11.0	2.904
	0.74	60	3.3 - 3.5 / 2.0 - 2.2	0.83 - 0.76	76 - 78.4	19.5 - 22.8 / 11.8 - 14.3	3.380 - 3.429
80C	0.74	50	5.95 / 3.45	0.46	78.1	37.5 / 21.7	2.920
	1.28	60	5.5 - 5.65 / 3.15 - 3.25	0.80 - 0.71	84.4 - 84.3	34.4 - 37.9 / 19.7 - 21.8	3.410 - 3.450
90LC	1.27	50	6.75 / 3.9	0.69	86.0	99.9 / 57.7	2.960
	2.2	60	8.85 - 8.35 / 5.1 - 4.8	0.88 - 0.85	86.8 - 87.0	92.9 - 100.2 / 53.6 - 57.6	3.510 - 3.520
100LC	1.68	50	7.45 / 4.30	0.73	88.1	59.6 / 34.4	2.950
	2.90	60	10.8 - 10.4 / 6.25 - 6.0	0.91 - 0.87	86.9 - 88.1	81.0 - 96.7 / 46.9 - 55.8	3.490 - 3.510
112MC	2.3	50	10.2 / 5.9	0.77	87.3	157.1 / 90.9	2.960
	4	60	14.6 - 13.6 / 8.45 - 7.85	0.90 - 0.87	88.6 - 89.1	135.8 - 148.9 / 78.6 - 86.0	3.520 - 3.540
132SC	3.18	50	13.6 / 7.85	0.78	90.0	152.3 / 87.9	2.960
	5.5	60	21.0 - 20.0 / 12.1 - 11.6	0.91 - 0.88	89.5 - 90.1	214.2 - 296.0 / 123.4 - 171.7	3.510 - 3.520
132SD	3.7	50	20.0 / 11.6	0.63	88.8	240.0 / 139.2	2.970
	6.4	60	24.6 - 23.6 / 14.2 - 13.8	0.87 - 0.82	90.1 - 90.6	270.6 - 290.3 / 156.2 - 169.7	3.520 - 3.520

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

Frame size	P ₂ [kW]	Frequency [Hz]	I _{1/1} [A]	cos φ _{1/1}	η [%]	I _{start} [A]	Speed [min ⁻¹]
71AA	0.25	50	0.73	0.68	72.6	4.7	2.890
	0.43	60	1.0	0.86	73.5	6.5	3.320
71BA	0.43	50	1.68	0.53	71.1	10.9	2.890
	0.74	60	1.70	0.84	76.0	11.1	3.320
80BA	0.6	50	1.9	0.59	81.6	13.5	2.910
	1.04	60	2.18	0.83	83	13.5	3.400
80CB	0.74	50	2.28	0.57	82.4	13.9	2.920
	1.28	60	2.65	0.84	83.9	13.8	3.400
90CC	1	50	3	0.59	81.3	26.7	2.960
	1.7	60	3.2	0.87	81.3	23.7	3.510
90FA	1.45	50	3.0	0.83	86.8	36.0	2.920
	2.5	60	4.65	0.91	85.4	41.9	3.500
100BB	2.32	50	5.5	0.7	87	63.3	2.960
	4	60	7.35	0.89	87.6	63.2	3.500
132CA	3.5	50	8.8	0.65	88.2	145.2	2.960
	6	60	11.2	0.87	90	172.9	3.520

* Only available with IE2 efficiency motors.