

CM/CM-G/DCM IN-LINE PUMPS



HEATING, AIR CONDITIONING SYSTEMS, SOLAR PANEL AND HOT WATER SYSTEMS

Circulating pumps with in-line connections, suitable for civil and industrial installations for heating, air-conditioning and hot water for domestic use. Pump body, motor support, impeller and fan cover in cast iron. PN 16 flanged suction and delivery connections with threaded holes for control pressure gauges. Carbon/ceramic mechanical seal. Three-phase, four-pole, asynchronous motor with external ventilation. To protect the motor it is advisable to use a thermal overload protection complying with the regulations in force.

Operating range: from 1,2 to 420 m³/h with head up to 41 metres.

Liquid temperature range: from -10°C to +140°C.

Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.

Maximum ambient temperature: +40°C.

Maximum working pressure: 16 bar (1600 kPa).

Protection level: IP 55.

Insulation class: F.

PN 16 counter flanges on request.

TECHNICAL DATA - CM/CM-G SINGLE FLANGED

CM - 1400 r.p.m. 1/min - 4 poles

MODEL	CODE	ELECTRICAL DATA				CENTRE DISTANCE mm	PUMP COUPLINGS	
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL				
				kW	HP			
CM 40-440 T*	60146975	3 x 230 - 400 V ~	0,28	0,7	1	2,1-1,2	390	DN 40
CM 40-540 T*	60146976	3 x 230 - 400 V ~	0,33	0,7	1	2,1-1,2	390	DN 40
CM 40-670 T*	60146977	3 x 230 - 400 V ~	0,39	0,7	1	2,2-1,3	390	DN 40
CM 40-870 T*	60146978	3 x 230 - 400 V ~	0,51	0,7	1	2,2-1,3	390	DN 40
CM 40-1300 T*	105122100	3 x 230 - 400 V ~	1,1	0,8	1	3,5-2	380	DN 40
CM 40-1450 T*	105122110	3 x 230 - 400 V ~	1,2	0,9	1,3	4,2-2,4	380	DN 40
CM 50-510 T*	60146979	3 x 230 - 400 V ~	0,35	0,7	1	2,1-1,2	425	DN 50
CM 50-630 T*	60146980	3 x 230 - 400 V ~	0,5	0,7	1	2,2-1,3	425	DN 50
CM 50-780 T*	60146981	3 x 230 - 400 V ~	0,5	0,7	1	2,2-1,3	425	DN 50
CM 50-1000 T*	60146982	3 x 230 - 400 V ~	0,64	0,7	1	2,4-1,4	425	DN 50
CM 50-1270 T*	105122120	3 x 230 - 400 V ~	1,4	1,1	1,5	4,5-2,6	400	DN 50
CM 50-1420 T*	105122130	3 x 230 - 400 V ~	1,4	1,1	1,5	4,5-2,6	400	DN 50
CM 65-420/A/BAQE/0,25	1D4111GX3	3 x 230 - 400 V ~	0,4	0,25	0,34	1,46-0,84	360	DN 65
CM 65-540/A/BAQE/0,37	1D4111G13	3 x 230 - 400 V ~	0,6	0,37	0,5	1,86-1,07	360	DN 65
CM 65-660/A/BAQE/0,55	1D4111G23	3 x 230 - 400 V ~	0,8	0,55	0,75	2,54-1,47	360	DN 65
CM 65-760/A/BAQE/0,55	1D4211G23	3 x 230 - 400 V ~	0,8	0,55	0,75	2,64-1,53	360	DN 65
CM-G 65-920/A/BAQE/0,75*	1D4211G3C	3 x 230 - 400 V ~	1,1	0,75	1	3,55-2,05	360	DN 65
CM-G 65-1080/A/BAQE/1,1*	1D4311G4C	3 x 230 - 400 V ~	1,5	1,1	1,5	5,10-3	475	DN 65
CM-G 65-1200/A/BAQE/1,5*	1D4311G5C	3 x 230 - 400 V ~	1,9	1,5	2	6,4-3,7	475	DN 65
CM-G 65-1530/A/BAQE/2,2*	1D4311G6C	3 x 230 - 400 V ~	2,6	2,2	3	8,73-5,04	475	DN 65
CM-G 65-1680/A/BAQE/3*	1D4311G7D	3 x 400 V ~ ¹	3,2	3	4	6	475	DN 65
CM-G 65-2380/A/BAQE/4*	1D4411G8D	3 x 400 V ~ ¹	4,7	4	5,5	10	475	DN 65
CM 80-550/A/BAQE/0,55	1D5111G23	3 x 230 - 400 V ~	0,8	0,55	0,75	2,62-1,51	360	DN 80
CM-G 80-650/A/BAQE/0,75*	1D5111G3C	3 x 230 - 400 V ~	1,1	0,75	1	3,48-2	360	DN 80
CM-G 80-740/A/BAQE/1,1*	1D5211G4C	3 x 230 - 400 V ~	1,5	1,1	1,5	5,10-3	440	DN 80
CM-G 80-890/A/BAQE/1,5*	1D5211G5C	3 x 230 - 400 V ~	1,9	1,5	2	6,4-3,7	440	DN 80
CM-G 80-1050/A/BAQE/2,2*	1D5211G6C	3 x 230 - 400 V ~	3	2,2	3	8,73-5,04	440	DN 80
CM-G 80-1530/A/BAQE/3*	1D5311G7D	3 x 400 V ~ ¹	4	3	4	6	500	DN 80
CM-G 80-1700/A/BAQE/4*	1D5311G8D	3 x 400 V ~ ¹	5,8	4	5,5	10	500	DN 80
CM-G 80-2410/A/BAQE/5,5*	1D5411G9D	3 x 400 V ~ ¹	6,7	5,5	7,5	12,7	620	DN 80

* NEW IE2 MOTOR

TECHNICAL DATA - CM/CM-G SINGLE FLANGED

CM - 1400 r.p.m. 1/min - 4 poles

MODEL	CODE	ELECTRICAL DATA				CENTRE DISTANCE mm	PUMP COUPLINGS	
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL				In A
				kW	HP			
CM-G 80-2700/A/BAQE/7,5*	1D5511GAD	3 x 400 V ~ ¹	8,9	7,5	10	16	620	DN 80
CM-G 80-3420/A/BAQE/11*	1D5511GBD	3 x 400 V ~ ¹	13	11	15	24	620	DN 80
CM-G 100-510/A/BAQE/0,75*	1D6111G3C	3 x 230 - 400 V ~	1	0,75	1	3,48-2	500	DN 100
CM-G 100-650/A/BAQE/1,1*	1D6111G4C	3 x 230 - 400 V ~	1,5	1,1	1,5	5,10-3	500	DN 100
CM-G 100-660/A/BAQE/1,5*	1D6211G5C	3 x 230 - 400 V ~	1,9	1,5	2	6,4-3,7	550	DN 100
CM-G 100-865/A/BAQE/2,2*	1D6211G6C	3 x 230 - 400 V ~	3	2,2	3	8,73-5,04	550	DN 100
CM-G 100-1020/A/BAQE/3*	1D6211G7D	3 x 400 V ~ ¹	4	3	4	6	550	DN 100
CM-G 100-1320/A/BAQE/4*	1D6311G8D	3 x 400 V ~ ¹	5,8	4	5,5	10	550	DN 100
CM-G 100-1650/A/BAQE/5,5*	1D6311G9D	3 x 400 V ~ ¹	6,7	5,5	7,5	12,7	550	DN 100
CM-G 100-2050/A/BAQE/7,5*	1D6411GAD	3 x 400 V ~ ¹	8,9	7,5	10	16	670	DN 100
CM-G 100-2550/A/BAQE/11*	1D6411GBD	3 x 400 V ~ ¹	13	11	15	24	670	DN 100
CM-G 100-3290/A/BAQE/15*	1D6511GCD	3 x 400 V ~ ¹	17	15	20	31	670	DN 100
CM-G 100-3680/A/BAQE/18,5*	1D6511GDD	3 x 400 V ~ ¹	21	18,5	25	38	670	DN 100
CM-G 100-4100/A/BAQE/22*	1D6511GED	3 x 400 V ~ ¹	25	22	30	44	670	DN 100
CM-G 125-1075/A/BAQE/4*	1D7311G8D	3 x 400 V ~ ¹	5,8	4	5,5	10	620	DN 125
CM-G 125-1270/A/BAQE/5,5*	1D7311G9D	3 x 400 V ~ ¹	6,7	5,5	7,5	12,7	620	DN 125
CM-G 125-1560/A/BAQE/7,5*	1D7311GAD	3 x 400 V ~ ¹	8,9	7,5	10	16	620	DN 125
CM-G 125-2100/A/BAQE/11*	1D7411GBD	3 x 400 V ~ ¹	13	11	15	24	800	DN 125
CM-G 125-2550/A/BAQE/15*	1D7411GCD	3 x 400 V ~ ¹	17	15	20	31	800	DN 125
CM-G 125-3200/A/BAQE/18,5*	1D7511GDD	3 x 400 V ~ ¹	21	18,5	25	38	800	DN 125
CM-G 125-3600/A/BAQE/22*	1D7511GED	3 x 400 V ~ ¹	25	22	30	44	800	DN 125
CM-G 125-4022/A/BAQE/30*	1D7511GFD	3 x 400 V ~ ¹	34	30	40	58	800	DN 125
CM-G 150-955/A/BAQE/5,5*	1D8411G9D	3 x 400 V ~ ¹	6,7	5,5	7,5	12,7	800	DN 150
CM-G 150-1322/A/BAQE/7,5*	1D8411GAD	3 x 400 V ~ ¹	9	7,5	10	16	800	DN 150
CM-G 150-1600/A/BAQE/11*	1D8411GBD	3 x 400 V ~ ¹	13	11	15	24	800	DN 150
CM-G 150-1950/A/BAQE/15*	1D8411GCD	3 x 400 V ~ ¹	17	15	20	31	800	DN 150
CM-G 150-2200/A/BAQE/18,5*	1D8411GDD	3 x 400 V ~ ¹	21	18,5	25	38	800	DN 150
CM-G 150-2405/A/BAQE/22*	1D8411GED	3 x 400 V ~ ¹	25	22	30	44	800	DN 150

* NEW IE2 MOTOR

¹ Star (Δ) starting is possible

TECHNICAL DATA - DCM *TWIN FLANGED*

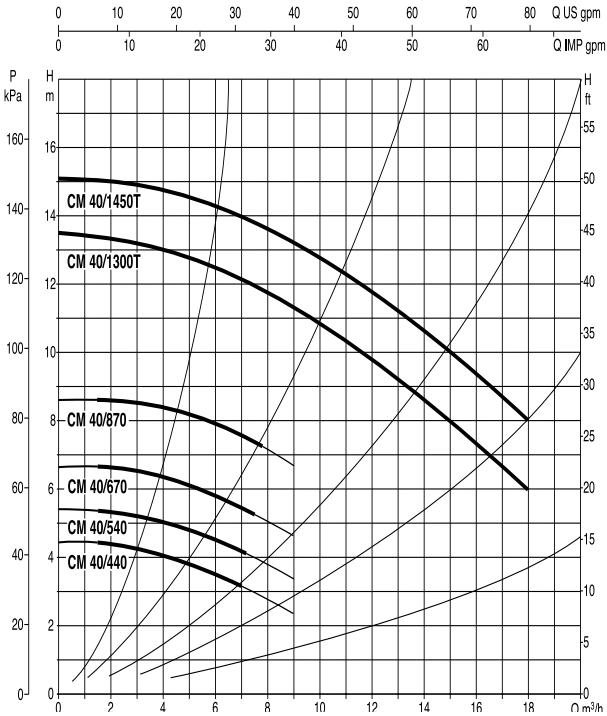
CM - 1400 r.p.m. 1/min - 4 poles

MODEL	CODE	ELECTRICAL DATA					CENTRE DISTANCE mm	PUMP COUPLINGS
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A		
				kW	HP			
DCM 40/380 T	105222100	3 x 230 - 400 V ~	0,41	0,25	0,33	1,46/0,85	340	DN 40
DCM 40/460 T	105222110	3 x 230 - 400 V ~	0,41	0,25	0,33	1,46/0,85	340	DN 40
DCM 40/620 T	105222120	3 x 230 - 400 V ~	0,41	0,25	0,33	1,46/0,85	340	DN 40
DCM 50/460 T	105222130	3 x 230 - 400 V ~	0,41	0,25	0,33	1,46/0,85	365	DN 50
DCM 50/630 T	105222140	3 x 230 - 400 V ~	0,57	0,37	0,50	2/1,15	365	DN 50
DCM 50/880 T	105222150	3 x 230 - 400 V ~	0,79	0,50	0,70	2,8/1,6	410	DN 50
DCM 65/670 T*	105222160	3 x 230 - 400 V ~	0,79	0,55	0,75	2,8/1,6	450	DN 65
DCM 65/820 T*	105222170	3 x 230 - 400 V ~	1,1	0,75	1	3,5/2	450	DN 65
DCM 65/900 T*	105222180	3 x 230 - 400 V ~	1,2	0,9	1,25	4,2/2,4	450	DN 65
DCM 80/630 T*	105222190	3 x 230 - 400 V ~	1,1	0,75	1	3,5/2	510	DN 80
DCM 80/730 T*	105222200	3 x 230 - 400 V ~	1,2	0,9	1,25	4,2/2,4	510	DN 80
DCM 80/860 T*	105222210	3 x 230 - 400 V ~	1,4	1,1	1,5	4,5/2,6	510	DN 80
DCM 80/1020 T*	105222220	3 x 230 - 400 V ~	1,9	1,5	2	6,1/3,5	510	DN 80
DCM 100/820 T*	105222230	3 x 230 - 400 V ~	1,9	1,5	2	6,1/3,5	630	DN 100
DCM 100/1000 T*	105222240	3 x 230 - 400 V ~	2,61	2,2	3	8,9/5,1	630	DN 100
DCM 100/1200 T*	105222250	3 x 230 - 400 V ~	3,58	3	4	12/6,9	630	DN 100
DCM 100/1450 T*	105222260	3 x 230 - 400 V ~	5,16	4	5,5	16/9,2	630	DN 100

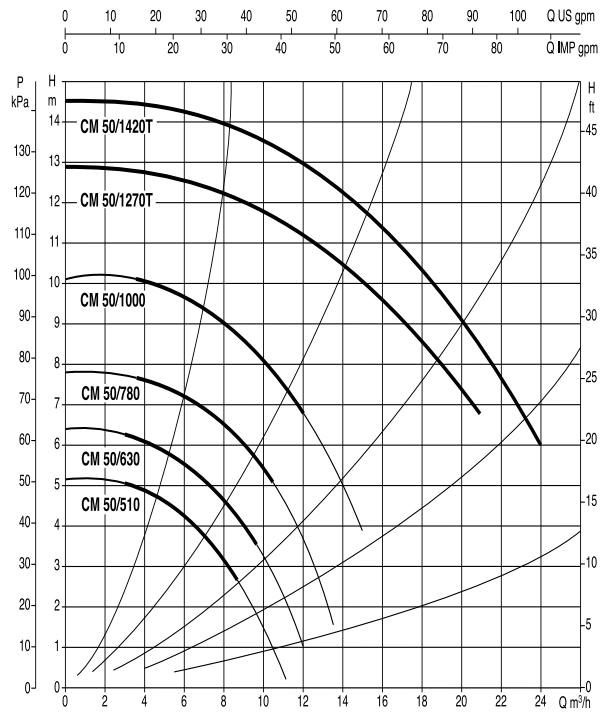
* NEW IE2 MOTOR

* Star (Δ) starting is possible

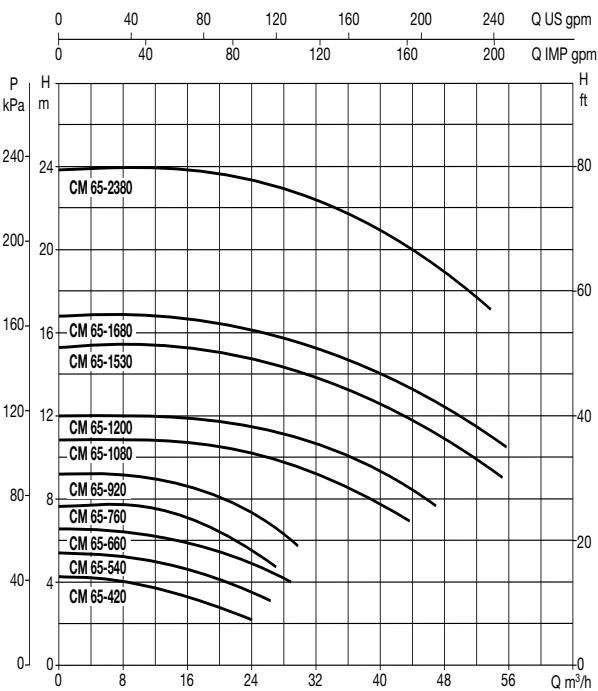
CM 40



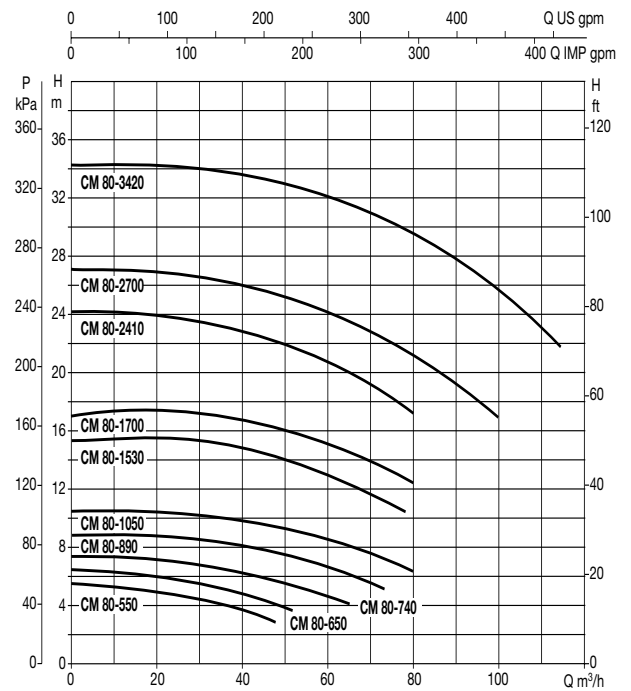
CM 50



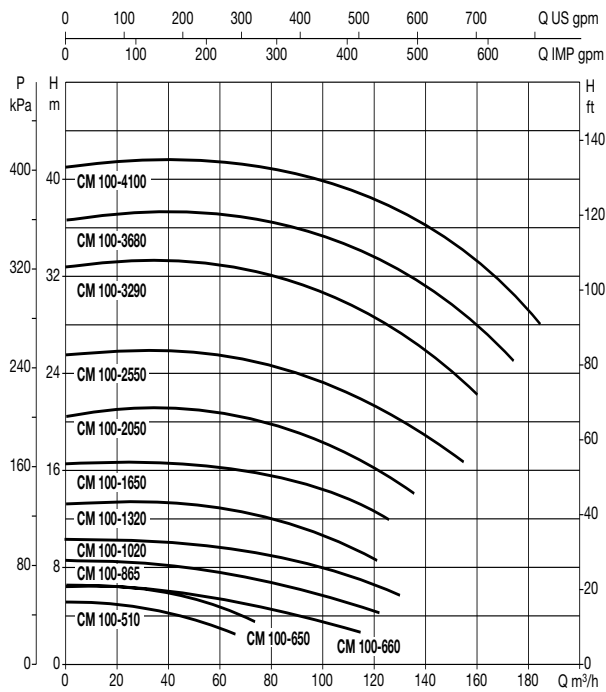
CM/CM-G 65



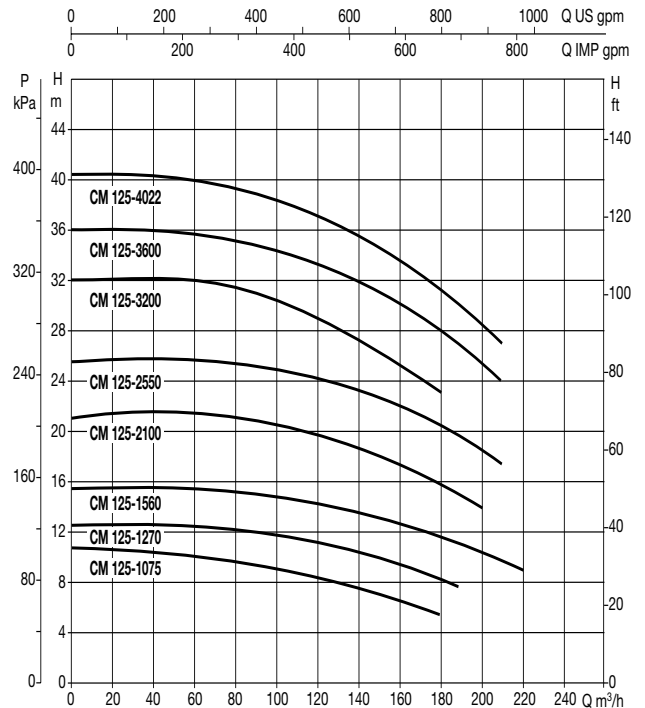
CM-G 80



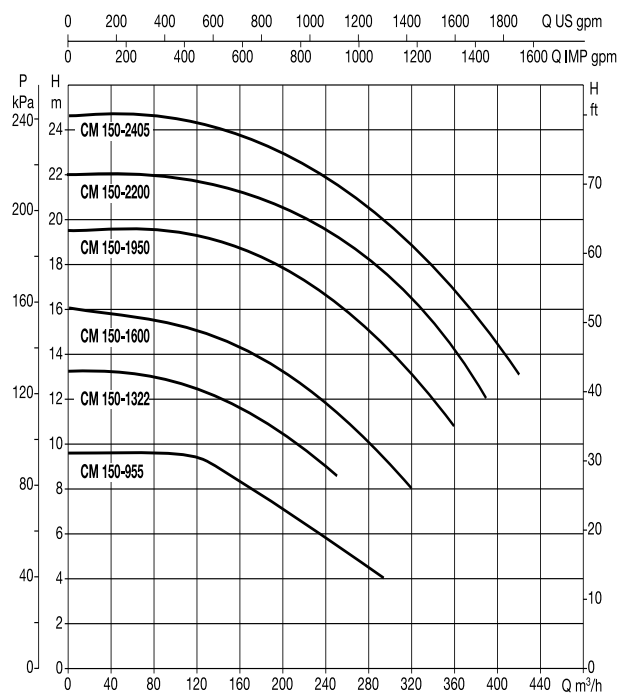
CM-G 100



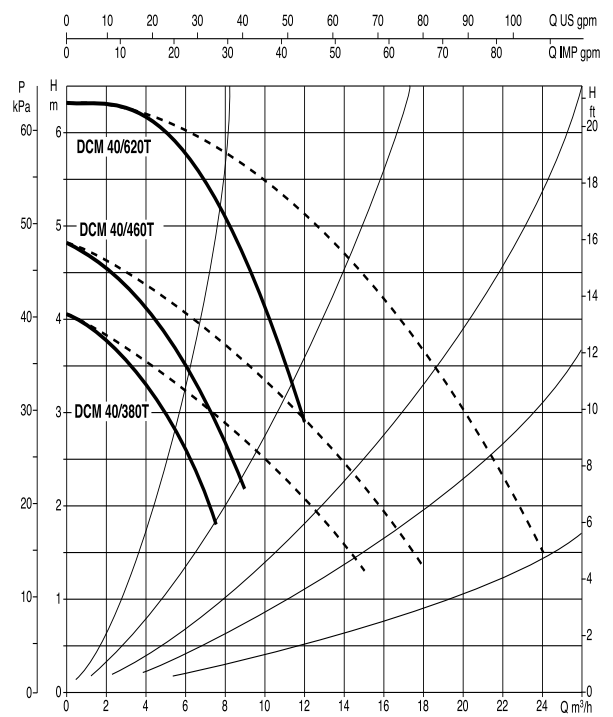
CM-G 125



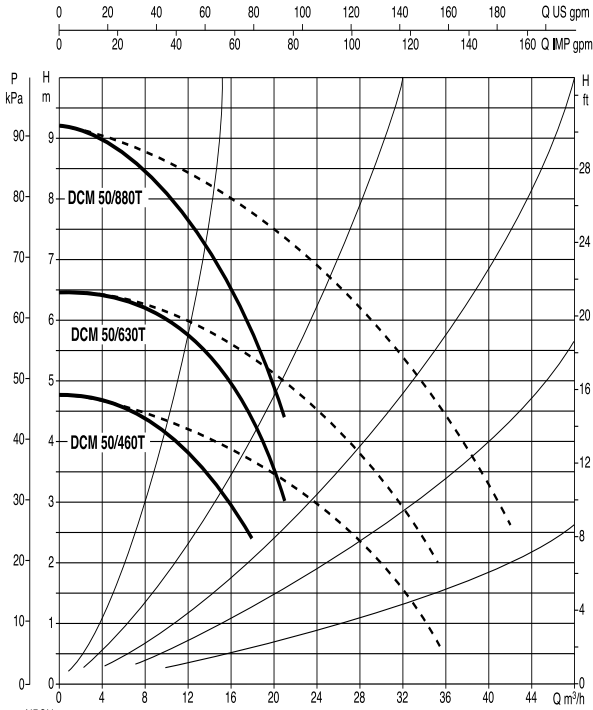
CM-G 150



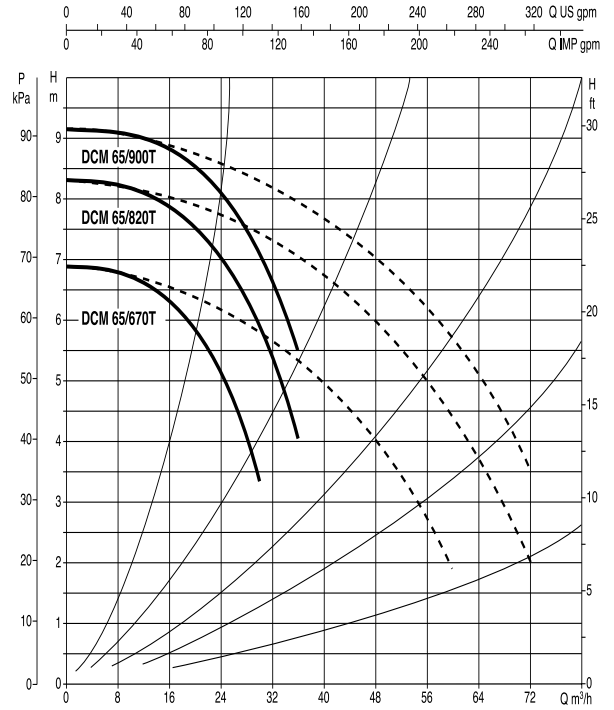
DCM 40



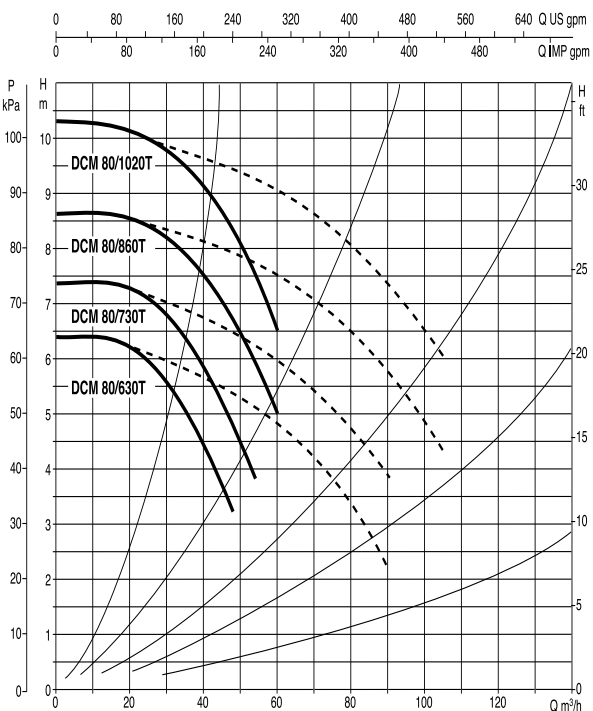
DCM 50



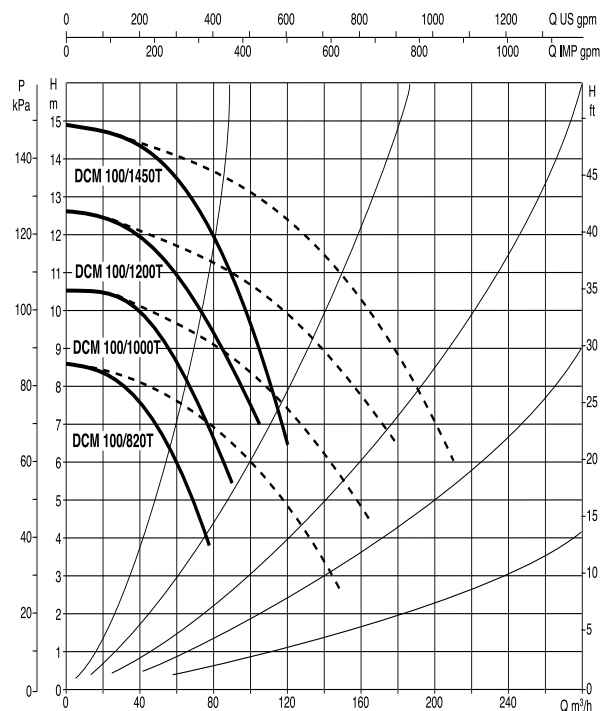
DCM 65



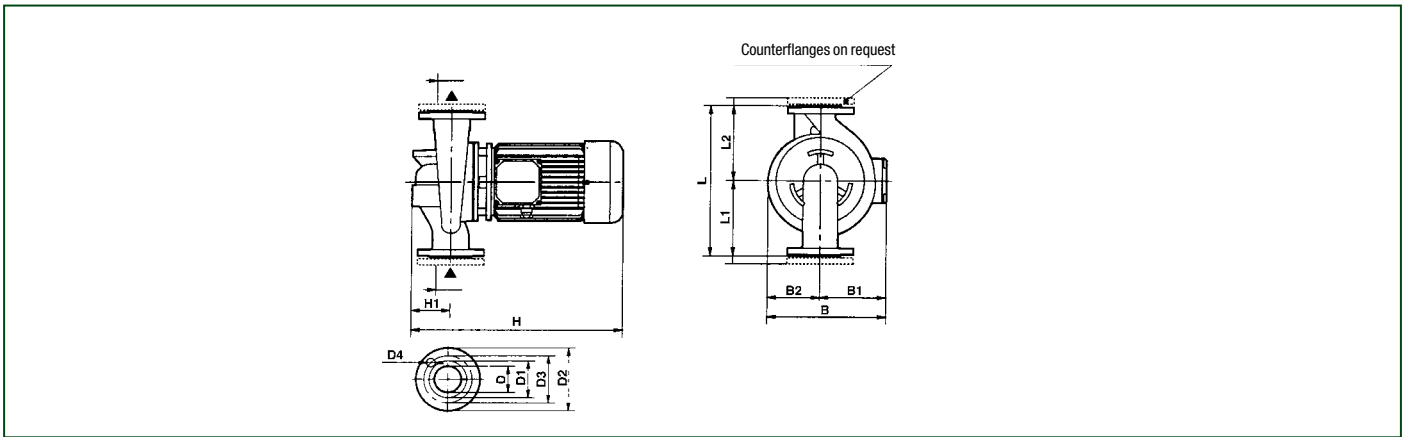
DCM 80



DCM 100

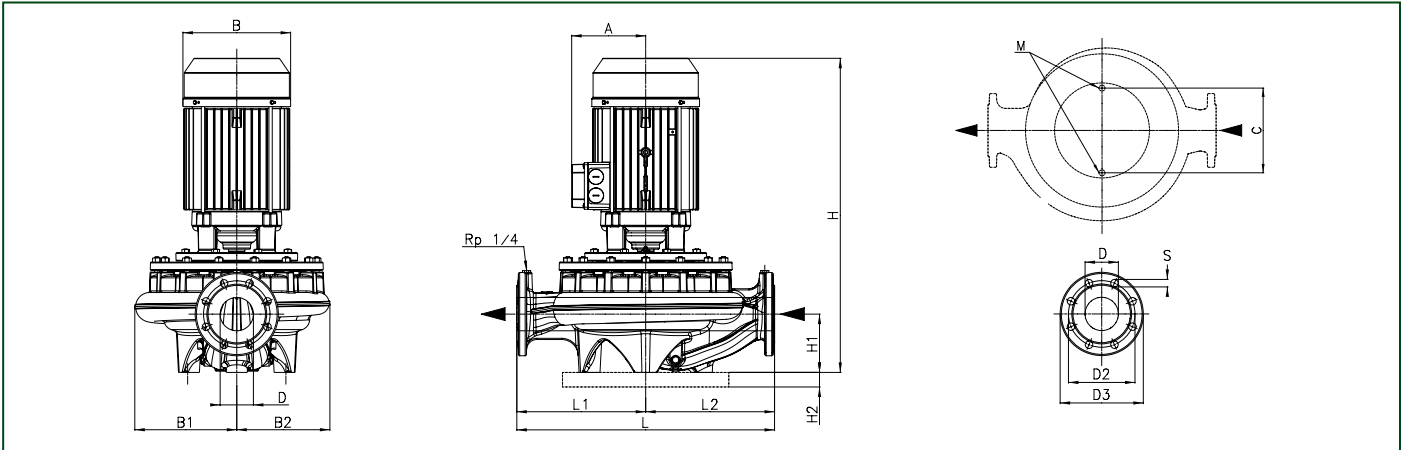


DIMENSIONS AND WEIGHTS



MODEL	DIMENSIONS													PACKAGING DIMENSIONS		
	L	L1	L2	B	B1	B2	H	H1	D	D1	D2	D3	D4 n° Holes	L/A	L/B	H
CM 40/440 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110	4 Ø 18	680	330	580
CM 40/540 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580
CM 40/670 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580
CM 40/870 T	390	200	190	231	118	113	453	95	40 PN 16	88	150	110		680	330	580
CM 40/1300 T	380	200	180	245	118	127	445	100	40 PN 6	88	150	110		450	270	465
CM 40/1450 T	380	200	180	245	118	127	445	100	40 PN 6	88	150	110		450	270	465
CM 50/510 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125	4 Ø 18	680	330	580
CM 50/630 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125		680	330	580
CM 50/780 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125		680	330	580
CM 50/1000 T	425	225	200	233	120	113	463	105	50 PN 16	102	165	125		680	330	580
CM 50/1270 T	400	220	180	280	149	131	495	110	50 PN 10	102	165	125		520	320	535
CM 50/1440 T	400	220	180	280	149	131	495	110	50 PN 10	102	165	125		520	320	535

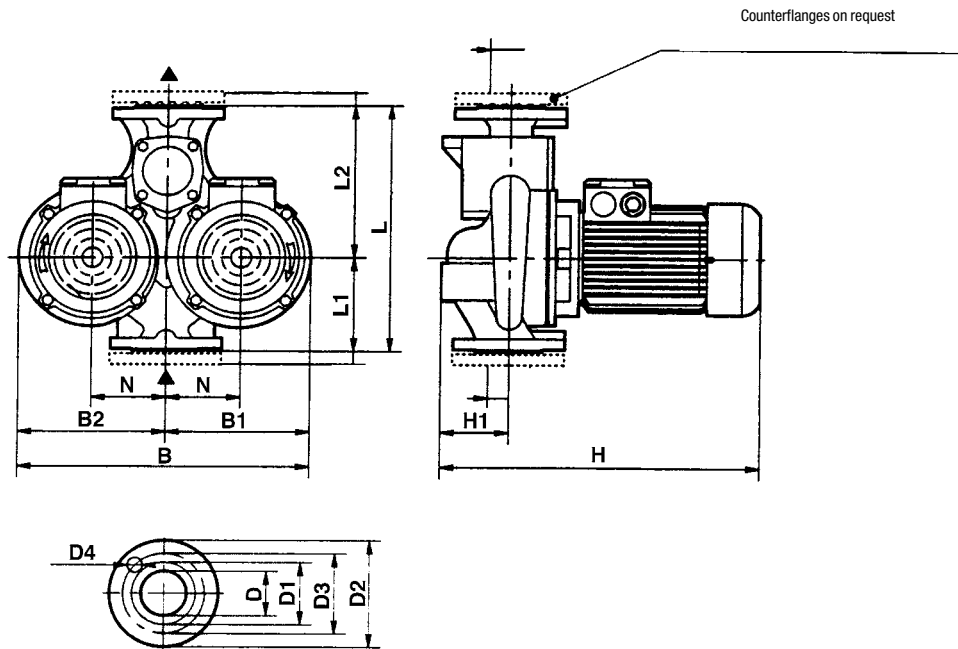
CM/CM-G/DCM IN-LINE PUMPS



MODEL	DIMENSIONS																	PACKAGING DIMENSIONS			
	A	B	B1	B2	C	D	D2	D3	S	n°Holes	H	H1	H2	L	L1	L2	M	L/A	L/B	H	
CM 65-420/A/BAQE/0,25	105	141	144	126	144	65	145	185	18	4	467	105	35	360	180	180	M16	670	390	710	
CM 65-540/A/BAQE/0,37	105	141	144	126	144	65	145	185	18		467	105	35	360	180	180	M16	670	390	710	
CM 65-660/A/BAQE/0,55	127	160	144	126	144	65	145	185	18		492	105	35	360	180	180	M16	670	390	710	
CM 65-760/A/BAQE/0,55	127	160	144	126	144	65	145	185	18		492	105	35	360	180	180	M16	670	390	710	
CM-G 65-920/A/BAQE/0,75	127	160	144	126	144	65	145	185	18		492	105	35	360	180	180	M16	670	390	710	
CM-G 65-1080/A/BAQE/1,1	127	160	180	164	144	65	145	185	18		505	125	35	475	237,5	237,5	M16	670	390	710	
CM-G 65-1200/A/BAQE/1,5	129	176	180	164	144	65	145	185	18		529	125	35	475	237,5	237,5	M16	670	390	710	
CM-G 65-1530/A/BAQE/2,2	129	176	180	164	144	65	145	185	18		529	125	35	475	237,5	237,5	M16	670	390	710	
CM-G 65-1680/A/BAQE/3	144	193	180	164	144	65	145	185	18		575	125	35	475	237,5	237,5	M16	670	390	710	
CM-G 65-2380/A/BAQE/4	144	193	180	164	144	65	145	185	18		575	125	35	475	237,5	237,5	M16	670	390	710	
CM-G 80-550/A/BAQE/0,55	127	160	135	117	144	80	160	200	18	8	495	105	35	360	180	180	M16	520	290	700	
CM-G 80-650/A/BAQE/0,75	127	160	135	117	144	80	160	200	18		495	105	35	360	180	180	M16	520	290	700	
CM-G 80-740/A/BAQE/1,1	127	160	178	146	144	80	160	200	18		505	115	35	440	220	220	M16	670	390	710	
CM-G 80-890/A/BAQE/1,5	129	176	178	146	144	80	160	200	18		530	115	35	440	220	220	M16	670	390	710	
CM-G 80-1050/A/BAQE/2,2	129	176	178	146	144	80	160	200	18		530	115	35	440	220	220	M16	670	390	710	
CM-G 80-1530/A/BAQE/3	144	193	190	164	144	80	160	200	18		576	115	35	500	250	250	M16	670	390	710	
CM-G 80-1700/A/BAQE/4	144	193	190	164	144	80	160	200	18		576	115	35	500	250	250	M16	670	390	710	
CM-G 80-2410/A/BAQE/5,5	150	220	245	224	230	80	160	200	18		663	140	35	620	310	310	M16	900	550	1060	
CM-G 80-2700/A/BAQE/7,5	178	259	245	224	230	80	160	200	18		755	140	35	620	310	310	M16	900	550	1060	
CM-G 80-3420/A/BAQE/11	178	259	245	224	230	80	160	200	18		755	140	35	620	310	310	M16	900	550	1060	
CM-G 100-510/A/BAQE/0,75	127	160	158	126	144	100	180	220	18	8	532	140	35	500	250	250	M16	670	390	710	
CM-G 100-650/A/BAQE/1,1	127	160	158	126	144	100	180	220	18		532	140	35	500	250	250	M16	670	390	710	
CM-G 100-660/A/BAQE/2,5	129	179	193	153	230	100	180	220	18		552	140	35	550	275	275	M16	670	390	710	
CM-G 100-865/A/BAQE/2,2	129	179	193	153	230	100	180	220	18		552	140	35	550	275	275	M16	670	390	710	
CM-G 100-1020/A/BAQE/3	144	193	193	153	230	100	180	220	18		598	140	35	550	275	275	M16	670	390	710	
CM-G 100-1320/A/BAQE/4	144	193	204	174	230	100	180	220	18		635	140	35	550	275	275	M16	780	460	860	
CM-G 100-1650/A/BAQE/5,5	150	220	204	174	230	100	180	220	18		667	140	35	550	275	275	M16	780	460	860	
CM-G 100-2050/A/BAQE/7,5	178	259	293	252	230	100	180	220	18		795	175	35	670	335	335	M16	900	550	1060	
CM-G 100-2550/A/BAQE/11	178	259	293	252	230	100	180	220	18		795	175	35	670	335	335	M16	900	550	1060	
CM-G 100-3290/A/BAQE/15	223	309	293	252	230	100	180	220	18		935	175	35	670	335	335	M16	900	550	1060	
CM-G 100-3680/A/BAQE/18,5	223	309	293	252	230	100	180	220	18	935	175	35	670	335	335	M16	900	550	1060		
CM-G 100-4100/A/BAQE/22	223	309	293	252	230	100	180	220	18	935	175	35	670	335	335	M16	900	550	1060		
CM-G 125-1075/A/BAQE/4	144	193	252	205	230	125	210	250	18	8	716	215	35	620	310	310	M16	900	550	1060	
CM-G 125-1270/A/BAQE/5,5	150	220	252	205	230	125	210	250	18		747	215	35	620	310	310	M16	900	550	1060	
CM-G 125-1560/A/BAQE/7,5	178	259	252	205	230	125	210	250	18		839	215	35	620	310	310	M16	900	550	1060	
CM-G 125-2100/A/BAQE/11	178	259	274	245	230	125	210	250	18		845	215	35	800	400	400	M16	900	550	1060	
CM-G 125-2550/A/BAQE/15	223	309	274	245	230	125	210	250	18		985	215	35	800	400	400	M16	900	550	1200	
CM-G 125-3200/A/BAQE/18,5	223	309	274	245	230	125	210	250	18		985	215	35	800	400	400	M16	900	550	1200	
CM-G 125-3600/A/BAQE/22	223	309	274	245	230	125	210	250	18		985	215	35	800	400	400	M16	900	550	1200	
CM-G 125-4022/A/BAQE/30	237	350	274	245	230	125	210	250	18		985	215	35	800	400	400	M16	900	550	1200	
CM-G 150-955/A/BAQE/5,5	150	220	299	239	230	150	240	285	22		8	756	215	35	800	400	400	M16	900	550	1060
CM-G 150-1322/A/BAQE/7,5	178	259	299	239	230	150	240	285	22			848	215	35	800	400	400	M16	900	550	1060
CM-G 150-1600/A/BAQE/11	178	259	299	239	230	150	240	285	22	848		215	35	800	400	400	M16	900	550	1060	
CM-G 150-1950/A/BAQE/15	223	309	299	239	230	150	240	285	22	989		215	35	800	400	400	M16	900	550	1200	
CM-G 150-2200/A/BAQE/18,5	223	309	299	239	230	150	240	285	22	989		215	35	800	400	400	M16	900	550	1200	
CM-G 150-2405/A/BAQE/22	223	309	299	239	230	150	240	285	22	989		215	35	800	400	400	M16	900	550	1200	



DCM



MODEL	L	L1	L2	B	B1	B2	H	H1	N	D	D1	D2	D3	D4	PACKAGING DIMENSIONS		
															L/A	L/B	H
DCM 40/380 T	340	130	210	397	197	200	425	100	100	40 PN6	88	150	110	4 Holes Ø 18	520	320	535
DCM 40/460 T	340	130	210	397	197	200	425	100	100	40 PN6	88	150	110		520	320	535
DCM 40/620 T	340	130	210	397	197	200	425	100	100	40 PN6	88	150	110		520	320	535
DCM 50/460 T	365	145	220	427	210	217	435	110	105	50 PN10	102	165	125	4 Holes Ø 18	520	320	535
DCM 50/630 T	4365	145	220	427	210	217	435	110	105	50 PN10	102	165	125		520	320	535
DCM 50/880 T	410	170	240	480	235	245	435	110	120	50 PN10	102	165	125		580	360	585
DCM 65/670 T	450	180	270	543	268	275	475	130	140	65 PN10	122	185	145	4 Holes Ø 18	-	-	-
DCM 65/820 T	450	180	270	543	268	275	475	130	140	65 PN10	122	185	145		-	-	-
DCM 65/900 T	450	180	270	543	268	275	475	130	140	65 PN10	122	185	145		-	-	-
DCM 80/630 T	510	205	305	550	270	280	485	150	135	80 PN10	138	200	160	8 Holes Ø 18	-	-	-
DCM 80/730 T	510	205	305	550	270	280	485	150	135	80 PN10	138	200	160		-	-	-
DCM 80/860 T	510	205	305	550	270	280	535	150	135	80 PN10	138	200	160		-	-	-
DCM 80/1020 T	510	205	305	550	270	280	535	150	135	80 PN10	138	200	160	8 Holes Ø 18	-	-	-
DCM 100/820 T	630	240	390	670	345	325	605	180	165	100 PN10	158	220	180		-	-	-
DCM 100/1000 T	630	240	390	670	345	325	605	180	165	100 PN10	158	220	180		-	-	-
DCM 100/1200 T	630	240	390	670	345	325	515	180	165	100 PN10	158	220	180	8 Holes Ø 18	-	-	-
DCM 100/1450 T	630	240	390	670	345	325	535	180	165	100 PN10	158	220	180		-	-	-