

FAGGIOLATI C SERIE

multichannel submersible pumps



[Drainage pump](#) [Submersible pump](#)

Description

Series of submersible pumps equipped with a closed multichannel impeller. Suitable for lightly contaminated liquids without solid particles. Specially designed for pumping domestic and industrial waste water and rainwater from buffer tanks and wells.

Applications

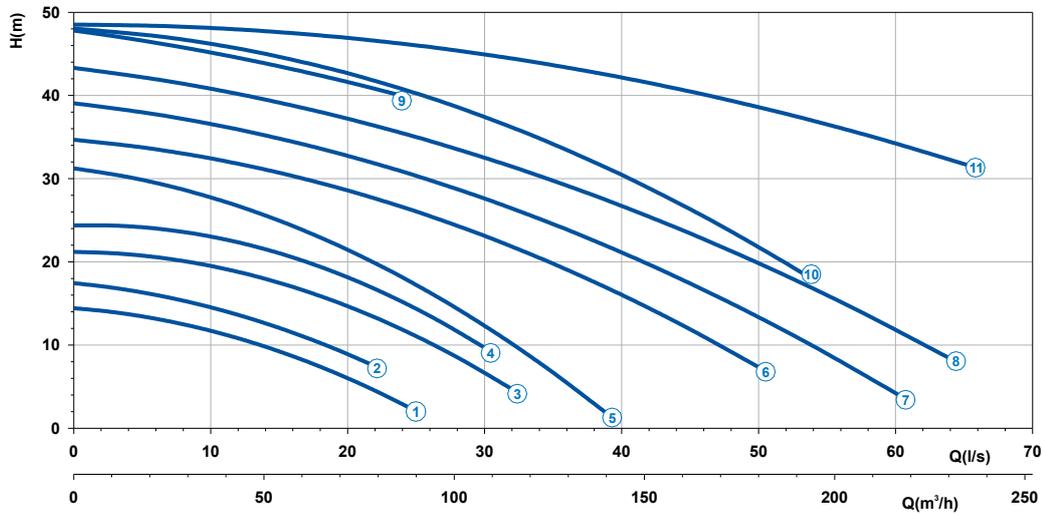
- o pumping away waste water and for irrigation

Specifications

- o suitable for liquids without solid particles and continuous use
- o free passage: up to 105 mm
- o design:
 - motor and pump housing: cast iron
 - pump shaft: stainless steel
 - impeller: cast iron
 - seal: sic/sic
- o capacity: up to 5800 m³/h
- o delivery head: 57 mwk
- o liquid temperature: max. 40 °C
- o protection class: IP68
- o discharge connection: up to DN500
- o motor power: up to 272 kW, 2-, 4-, 6-, 8-, 10- and 12-pole
- o voltages:
 - 3-phase 230/400 Volt 50 Hz
 - 3-phase 400/690 Volt 50 Hz
 - other voltages and frequencies on request
- o special versions:
 - Ex
 - IE2/IE3 motor
 - tropical winding
 - water sensor
 - entirely stainless steel or bronze



Capacity graph C series 50 Hz, 2850 rpm

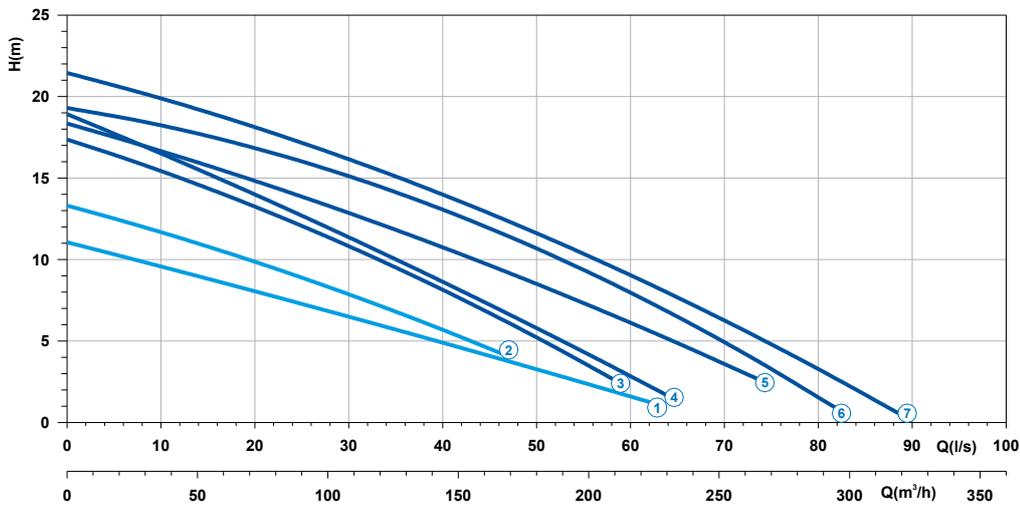


Technical data C series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7005459	G209T3C3-L30AA0	3,2	6,5	31,8	3ph 400V-50Hz	DN 65	30	61	7005911	IE3
2	7003208	G209T3C2-L30AA0	3,2	6,5	31,8	3ph 400V-50Hz	DN 65	30	61	7008558	IE3
3	7002637	G210R3C2-M30AA2	5,7	13	73,7	3ph 400/690V-50Hz	DN 80	30	77	7008863	IE3
4	7000879	G210R3C1-M30AA2	5,7	13	73,7	3ph 400/690V-50Hz	DN 80	30	77	7008395	IE3
5	7009633	G211R3C1-M30AA2	8,2	16	91,5	3ph 400/690V-50Hz	DN 80	30	150	-	IE2
6	7008701	G213R3C4-P40AA2	14	30	174	3ph 400/690V-50Hz	DN 100	40	200	7007453	IE3
7	7003027	G213R3C3-P40AA2	15	27	156	3ph 400/690V-50Hz	DN 100	40	200	7007451	IE3
8	7001119	G213R3C2-P40AA2	18	34	194	3ph 400/690V-50Hz	DN 100	40	200	7007450	IE3
9	7008697	G213R3C1-P40AA2	18	34	194	3ph 400/690V-50Hz	DN 100	40	200	7007452	IE3
10	7000329	G216R3C1-P40AA2	22	40	237	3ph 400/690V-50Hz	DN 100	40	340	-	IE3
11	7007343	G218R3C1-S50AA2	50	87	506	3ph 400/690V-50Hz	DN 150	50	495	-	IE2



Capacity graph C series 50 Hz, 1450 rpm

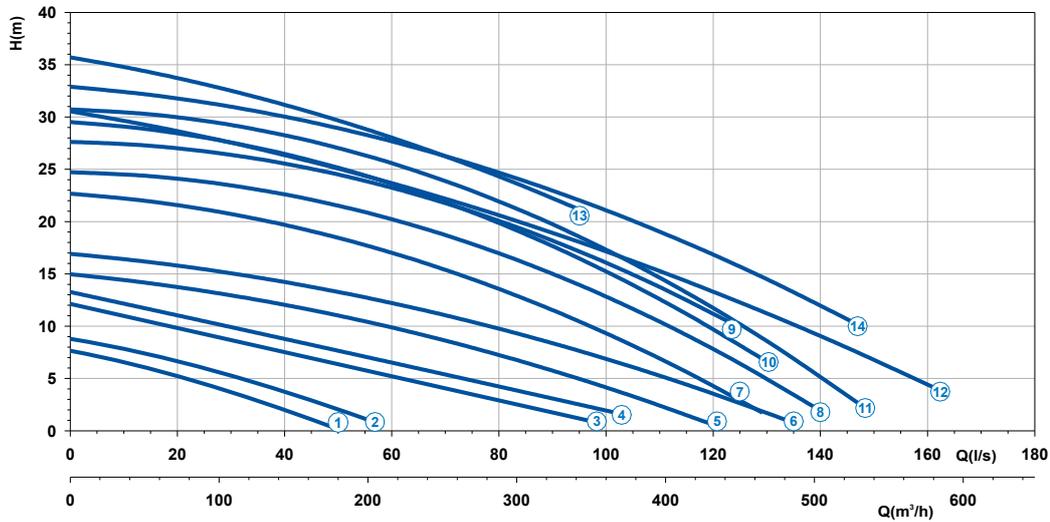


Technical data C series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7006131	G410R2C3-P80AA2	3,8	8	36	3ph 400/690V-50Hz	DN 100	80	110	7001475	IE3
2	7000110	G410R2C2-P80AA2	4,6	9,5	42,7	3ph 400/690V-50Hz	DN 100	80	110	7006074	IE3
3	7003737	G411R2C2-P60AA2	7,1	14	64,8	3ph 400/690V-50Hz	DN 100	60	160	7007498	IE3
4	7005447	G411R2C1-P60AA2	7,1	14	64,8	3ph 400/690V-50Hz	DN 100	60	160	7007495	IE3
5	7003976	G411R2C6-P80AA2	7,1	14	64,8	3ph 400/690V-50Hz	DN 100	80	165	7007605	IE3
6	7001791	G413R2C2-P80AA2	12	23	128	3ph 400/690V-50Hz	DN 100	80	200	7007494	IE3
7	7001435	G413R2C1-P80AA2	12	23	128	3ph 400/690V-50Hz	DN 100	80	200	7007491	IE3



Capacity graph C series 50 Hz, 1450 - 950 rpm

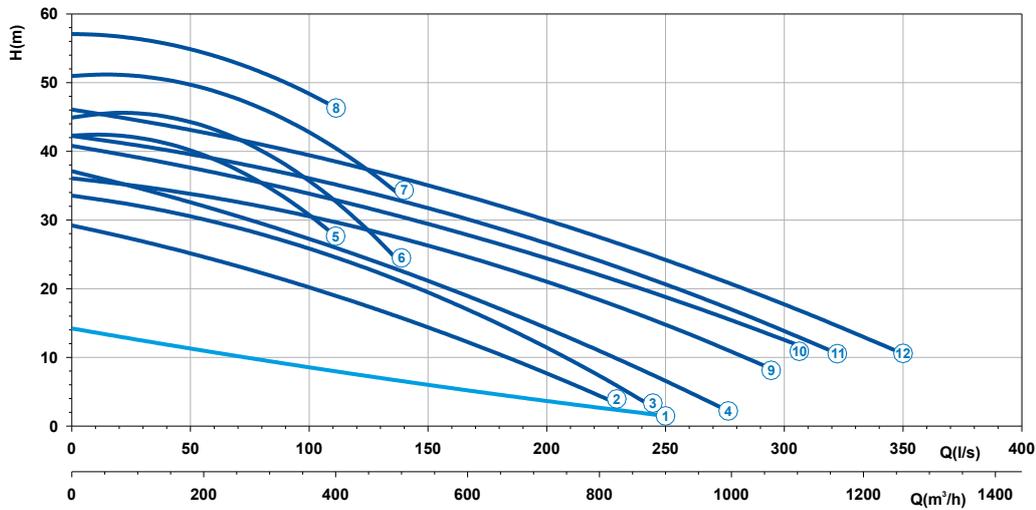


Technical data C series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE		WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)			mm	mm			
1	7006535	G609T2C1-P80AA0	2,3	6	24,6	3ph 400V-50Hz	DN 100	80	96	7007628	IE3	
2	7000113	G610R2C1-P80AA2	2,8	6,6	31	3ph 400/690V-50Hz	DN 100	80	111	7006078	IE3	
3	7006882	G611R2C3-S80AA2	5,2	13	63,7	3ph 400/690V-50Hz	DN 150	80	195	7007606	-	
4	7006383	G613R2C2-S80AA2	6,7	15	78,5	3ph 400/690V-50Hz	DN 150	80	220	7007506	IE2	
5	7009935	G616R2C2-S100AA2	16	34	202	3ph 400/690V-50Hz	DN 150	100	450	-	IE3	
6	7009708	G616R2C1-S100AA2	16	34	202	3ph 400/690V-50Hz	DN 150	100	450	-	IE3	
7	7009779	G416R2C3-S100AA2	21	43	254	3ph 400/690V-50Hz	DN 150	100	430	-	IE3	
8	7007367	G416R2C2-S100AA2	27	52	308	3ph 400/690V-50Hz	DN 150	100	430	-	IE3	
9	7009928	G416R2C1-S100AA2	27	52	308	3ph 400/690V-50Hz	DN 150	100	430	-	IE2	
10	7007347	G416R2C1-S80AA2	27	52	308	3ph 400/690V-50Hz	DN 150	80	450	-	IE2	
11	7006663	G418R2C2-S80AA2	36	66	386	3ph 400/690V-50Hz	DN 150	80	515	-	IE2	
12	7009847	G418R2C2-S100AA2	36	66	386	3ph 400/690V-50Hz	DN 150	100	518	-	IE2	
13	7009877	G418R2C1-S80AA2	36	66	386	3ph 400/690V-50Hz	DN 150	80	515	-	IE2	
14	7009883	G418R2C5-S100AA2	36	66	386	3ph 400/690V-50Hz	DN 150	100	518	-	IE2	



Capacity graph C series 50 Hz, 1450 rpm

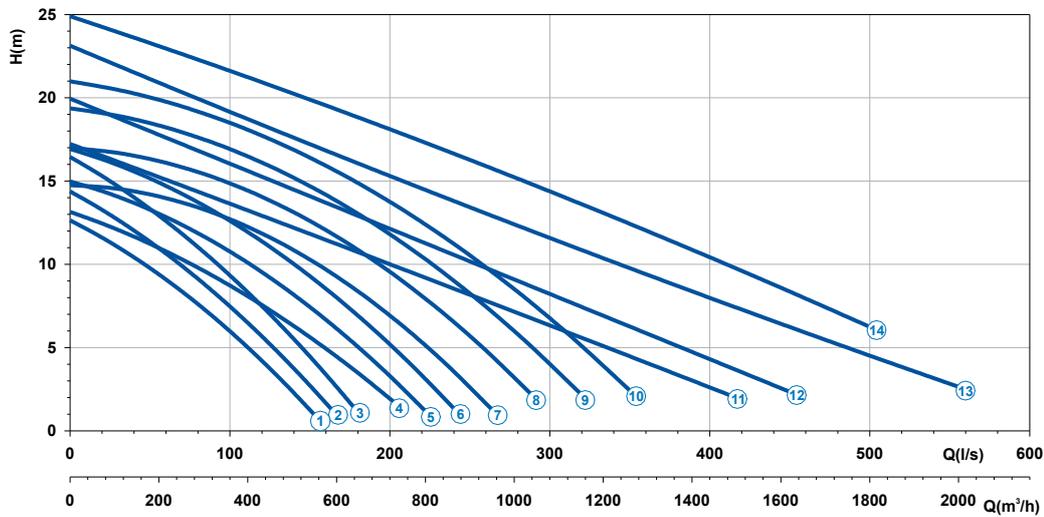


Technical data C series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7009399	G416R3C1-V73KA2	18	33	192	3ph 400/690V-50Hz	DN 250	73	440	-	IE3
2	7000468	G420R2C3-T102AA2	37	66	391	3ph 400/690V-50Hz	DN 200	102	665	-	IE3
3	7000463	G420R2C2-T102AA2	52	93	546	3ph 400/690V-50Hz	DN 200	102	665	-	IE3
4	7000396	G420R2C1-T102AA2	45	83	491	3ph 400/690V-50Hz	DN 200	102	665	-	IE2
5	7006179	G420R3C7-S60AA2	52	93	546	3ph 400/690V-50Hz	DN 150	60	745	-	IE2
6	7005598	G425R3C3-S60AA2	80	135	797	3ph 400/690V-50Hz	DN 150	60	915	-	IE2
7	7005409	G425R3C2-S60AA2	80	135	797	3ph 400/690V-50Hz	DN 150	60	915	-	IE2
8	7005290	G425R3C1-S60AA2	80	133	785	3ph 400/690V-50Hz	DN 150	60	915	-	IE2
9	7000325	G425R2C4-V105AA2	70	121	714	3ph 400/690V-50Hz	DN 250	105	940	-	IE2
10	7000323	G425R2C3-V105AA2	70	121	714	3ph 400/690V-50Hz	DN 250	105	940	-	IE2
11	7000230	G425R2C2-V105AA2	80	133	785	3ph 400/690V-50Hz	DN 250	105	940	-	IE2
12	7000228	G425R2C1-V105AA2	80	133	785	3ph 400/690V-50Hz	DN 250	105	940	-	IE2



Capacity graph C series 50 Hz, 950 rpm

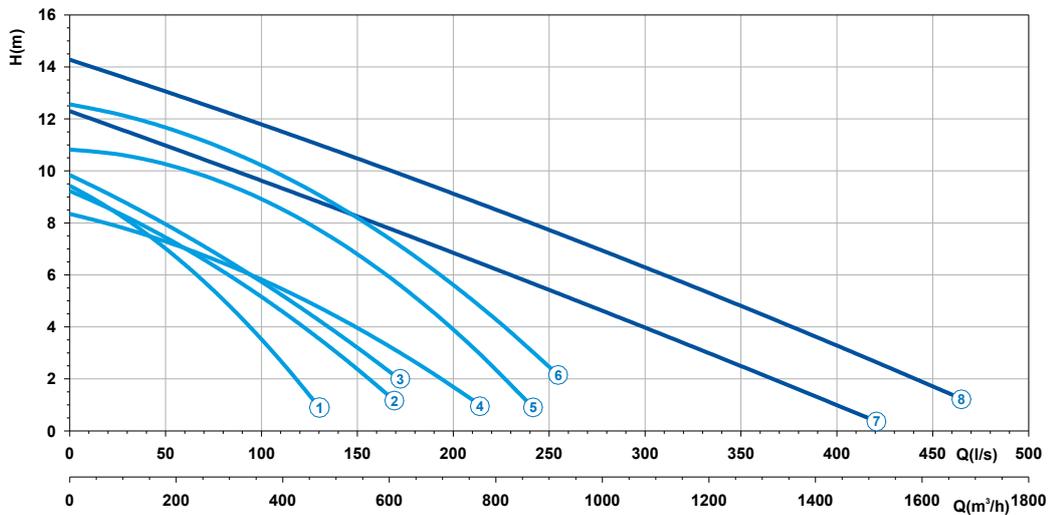


Technical data C series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7009941	G616R2C3-T102AA2	16	34	202	3ph 400/690V-50Hz	DN 200	102	460	-	IE3
2	7009945	G616R2C2-T102AA2	16	34	202	3ph 400/690V-50Hz	DN 200	102	460	-	IE3
3	7009950	G616R2C1-T102AA2	16	34	202	3ph 400/690V-50Hz	DN 200	102	460	-	IE3
4	7009952	G616R3C3-T102AA2	16	34	202	3ph 400/690V-50Hz	DN 200	102	460	-	IE2
5	7009951	G616R3C2-T102AA2	19	37	216	3ph 400/690V-50Hz	DN 200	102	460	-	IE3
6	7009953	G616R3C1-T102AA2	23	43	254	3ph 400/690V-50Hz	DN 200	102	460	-	IE3
7	7009954	G616R3C4-V105AA2	23	43	254	3ph 400/690V-50Hz	DN 250	105	530	-	IE3
8	7009884	G618R3C3-V105AA2	35	63	328	3ph 400/690V-50Hz	DN 250	105	590	-	IE3
9	7000482	G620R3C2-V105AA2	39	72	427	3ph 400/690V-50Hz	DN 250	105	750	-	-
10	7000480	G620R3C1-V105AA2	40	80	472	3ph 400/690V-50Hz	DN 250	105	750	-	-
11	7006393	G620R4C4-W140AA2	33	65	426	3ph 400/690V-50Hz	DN 300	50×140	1042	-	IE2
12	7006392	G620R4C3-W140AA2	40	80	472	3ph 400/690V-50Hz	DN 300	50×140	1042	-	-
13	7000630	G625R4C2-W140AA2	56	101	596	3ph 400/690V-50Hz	DN 300	50×140	1210	-	-
14	7000629	G625R4C1-W140AA2	56	101	596	3ph 400/690V-50Hz	DN 300	50×140	1210	-	-



Capacity graph C series 50 Hz, 750 rpm

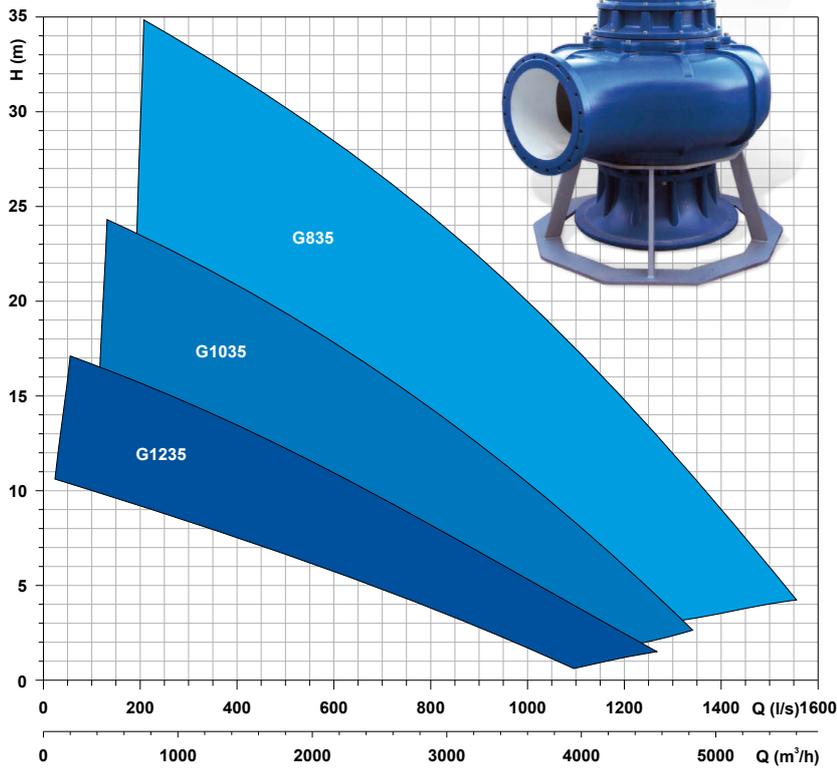


Technical data C series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)		mm	mm			
1	7000831	G816R2C1-T102AA2	9,6	20	102	3ph 400/690V-50Hz	DN 200	102	430	-	Premium MG1
2	7000823	G816R3C3-T102AA2	9,6	20	102	3ph 400/690V-50Hz	DN 200	102	430	-	Premium MG1
3	7000821	G816R3C2-T102AA2	9,6	20	102	3ph 400/690V-50Hz	DN 200	102	435	-	Premium MG1
4	7000792	G816R3C4-V105AA2	14	30	150	3ph 400/690V-50Hz	DN 250	105	520	-	Premium MG1
5	7000730	G816R3C3-V105AA2	17	34	173	3ph 400/690V-50Hz	DN 250	105	520	-	Premium MG1
6	7000838	G816R3C1-V105AA2	22	48	242	3ph 400/690V-50Hz	DN 250	105	600	-	Premium MG1
7	7002431	G820R4C2-W140AA2	22	50	265	3ph 400/690V-50Hz	DN 300	50×140	1024	-	-
8	7007090	G820R4C3-W140AA2	27	59	313	3ph 400/690V-50Hz	DN 300	50×140	1024	-	-



Capacity graph C series 50 Hz DN500



Technical data C series 50 Hz

TYPE	POWER SUPPLY	NUMBER OF POLES	NUMBER OF REVOLUTIONS R.P.M.	NOMINAL POWER P2 (KW)	NOMINAL CURRENT I(A)	START-UP CURRENT Is (A)
G835	3ph 400/690V 50Hz	8	730	272	490	2695
G1035	3ph 400/690V 50Hz	10	585	143	291	1600
G1235	3ph 400/690V 50Hz	12	485	120	285	1681