CGHE

Elettropompe normalizzate costruite secondo norme DIN 24255

Normalized water pumps according DIN 24255 standards



CGHE-80 CGHE-60 CGHE-50 CGHE-32/40

CGHE 80 100

- **Potenza motore pompa**
  Pump motor power
  100 = 10Hp / 075 = 7,5Hp
- **Diametro nominale mandata**
  Outlet nominal diameter
- **Tipologia pompa: Normalizzata**
  Pump type: Normalized

Componente *Component*	Materiale *Material*
Corpo pompa *Pump's body*	Ghisa HT200 *Cast Iron HT200*
Girante *Impeller*	Ghisa *Cast Iron* **32-40 / 32-55 in Brass*
Albero motore *Motor shaft*	AISI 304
Tenuta meccanica *Mechanical seal*	Allumina & Grafite *Alumina & Graphite*
Carcassa motore *Motor housing*	Alluminio / Ghisa *Alluminum / Cast Iron*

Esploso a pag. 218
Expanded diagram pag. 218

Applicazioni
Elettropompe a girante radiale con bocca di aspirazione assiale e bocca di mandata radiale rivolta verso l'alto. La caratteristica principale di questa serie è di sviluppare portate medio-alte con prevalenze altrettanto buone. Trattasi di elettropompe ad una sola girante indicate per usi industriali, agricoli e domestici.

Applications
Radial impeller pumps with axial intake and upward-facing radial delivery. The main feature of these pumps is that they are capable of generating medium-high flow rates and high discharge heads. These single-impeller pumps are particularly suited for industrial, agricultural and domestic applications.

Motore e caratteristiche
Motore chiuso autoventilato TEFC
Classe isolamento F
Grado di protezione IP 44
Alimentazione trifase 230/400V o 400/690V 50Hz.
Motori efficienza IE2 o IE3 a richiesta.

Motor and features
Closed self-ventilated-motor TEFC
Insulation class F
Protection degree IP44
Three-phase electrical supply in 230/400V-50Hz or 400/690V-50Hz.
Motor efficiency IE2 or IE3 motors on request.

Limiti di utilizzo
Temperatura massima di esercizio 40°C
Temperatura massima liquido 80°C
Altezza massima di aspirazione 7 metri
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

Operating conditions
Max. ambient temperature 40°C
Max. water temperature 80°C
Max. suction depth: 7 meters
Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.

CARATTERISTICHE DI FUNZIONAMENTO A 2850 GIRI/MIN 50Hz - *TECHNICAL DATA AT 2850 R.P.M. 50Hz*

Q = Portata - *Capacity*

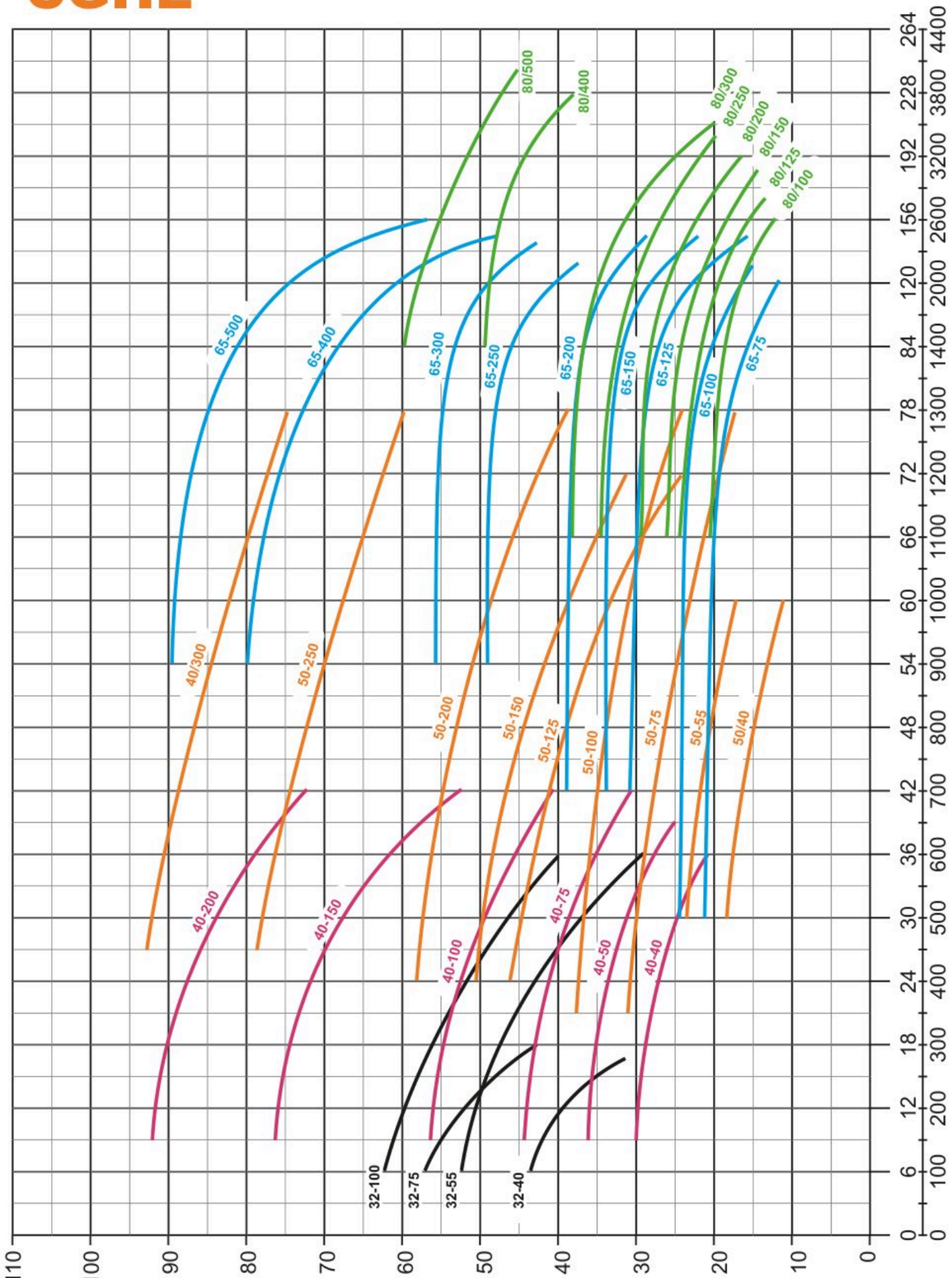
Modello *Model*	Codice *Code*	Potenza nominale *Rated power* Hp	Potenza nominale *Rated power* kW *P2*	Trifase *Three-phase* I Max. [A] 230V	Trifase *Three-phase* I Max. [A] 400V	Trifase *Three-phase* I Max. [A] 690V
CGHE 32-40	00304416162321 00	4,0	3,0	11,6	6,8	/
CGHE 32-55	00304416162320 40	5,5	4,0	16,0	9,4	/
CGHE 32-75	00304416162320 65	7,5	5,5	/	13,0	7,0
CGHE 32-100	00304416162320 75	10,0	7,5	/	16,0	9,5
CGHE 40-40	00304416162401 00	4,0	3,0	14,0	8,0	/
CGHE 40-55	00304416162401 50	5,5	4,0	17,0	10,0	/
CGHE 40-75	00304416162402 00	7,5	5,5	/	12,5	7,5
CGHE 40-100	00304416162400 40	10,0	7,5	/	16,4	9,5
CGHE 40-150	00304416162400 65	15,0	11,0	/	25,0	13,0
CGHE 40-200	00304416162400 75	20,0	15,0	/	32,0	17,0
CGHE 50-40	00304416162501 00	4,0	3,0	12,0	8,0	/
CGHE 50-55	00304416162501 25	5,5	4,0	15,4	10,0	/
CGHE 50-75	00304416162501 50	7,5	5,5	/	14,0	7,0
CGHE 50-100	00304416162502 00	10,0	7,5	/	16,0	9,5
CGHE 50-125	00304416162502 50	12,5	9,5	/	18,0	10,0
CGHE 50-150	00304416162503 00	15,0	11,0	/	22,0	13,0
CGHE 50-200	00304416162500 40	20,0	15,0	/	28,0	17,0
CGHE 50-250	00304416162500 55	25,0	18,5	/	41,5	23,0
CGHE 50-300	00304416162500 75	30,0	22,0	/	49,0	28,0
CGHE 65-75	00304416162651 00	7,5	5,5	/	11,0	7,0
CGHE 65-100	00304416162651 25	10,0	7,5	/	16,0	9,5
CGHE 65-125	00304416162651 50	12,5	9,5	/	19,5	10,0
CGHE 65-150	00304416162652 00	15,0	11,0	/	23,0	13,0
CGHE 65-200	00304416162652 50	20,0	15,0	/	27,0	17,0
CGHE 65-250	00304416162653 00	25,0	18,5	/	39,0	24,0
CGHE 65-300	00304416162654 00	30,0	22,0	/	45,0	25,0
CGHE 65-400	00304416162655 00	40,0	30,0	/	63,5	35,0
CGHE 65-500	00304416162650 75	50,0	37,0	/	74,5	44,0
CGHE 80-100	00304416162801 00	10,0	7,5	/	16,0	9,5
CGHE 80-125	00304416162801 25	12,5	9,5	/	19,0	10,0
CGHE 80-150	00304416162801 50	15,0	11,0	/	21,0	13,0
CGHE 80-200	00304416162802 00	20,0	15,0	/	26,0	17,0
CGHE 80-250	00304416162802 50	25,0	18,5	/	35,0	21,0
CGHE 80-300	00304416162803 00	30,0	22,0	/	41,0	23,0
CGHE 80-400	00304416162804 00	40,0	30,0	/	63,5	35,0
CGHE 80-500	00304416162805 00	50,0	37,0	/	74,5	44,0

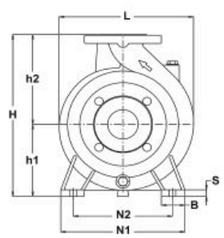
Prevalenza manometrica totale in m C.A.
Total head in meters w.c.

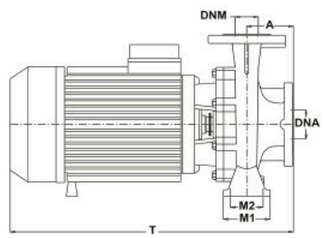
m³/h	l/min	H (m)
6	100	44,0 56,0 52,0 62,0
9	150	42,5 54,0 51,0 61,0 30,0
12	200	39,0 52,0 50,0 60,0 29,7 35,7
15	250	35,0 48,0 46,0 55,8 35,3 44,0 56,5
18	300	46,0 47,0 55,5 35,2 43,5 55,5 76,0
21	350	45,0 54,8 74,4 90,0
24	400	43,0 53,5 73,0 89,0 31,0 37,5 46,0 50,5
27	450	40,0 52,5 71,3 87,5 30,5 37,0 45,0 50,5 58,5
30	500	38,0 50,5 69,5 86,0 30,0 36,5 45,0 50,5 58,3 78,5 93,0
33	550	36,4 49,0 67,0 84,0 29,7 36,4 44,0 49,7 58,0 78,0 92,0
36	600	36,3 47,2 64,0 82,0 29,3 36,3 43,3 49,0 57,5 77,0 90,5
39	650	34,5 45,5 61,0 79,0 28,8 36,0 43,0 48,0 56,0 76,5 90,0
42	700	32,5 43,0 57,5 77,0 28,2 35,5 42,0 47,5 55,5 75,5 89,0
48	800	30,5 40,5 52,5 72,0 26,5 34,0 40,0 46,5 55,0 74,5 88,0
54	900	34,3 40,8 49,5 56,2 79,5 89,5
60	1000	34,1 40,5 49,0 56,2 78,5 88,5
66	1100	33,9 40,3 49,0 56,2 78,5 88,5
72	1200	33,5 39,9 48,5 56,0 77,3 87,5 20,4 23,5 29,5 34,0 38,5
78	1300	33,0 39,5 48,0 55,5 76,0 86,5 20,0 23,0 29,2 33,9 38,5
84	1400	32,5 39,0 47,5 55,0 74,5 85,5 19,6 22,5 28,7 33,4 38,0
96	1600	32,0 38,5 46,0 54,5 73,0 84,0 19,0 22,0 28,5 32,5 37,0 50,8
108	1800	30,0 37,5 45,5 53,5 69,3 80,5 18,4 21,6 28,0 32,5 36,5 50,6 59,6
120	2000	28,5 36,0 43,0 51,5 65,0 76,5 17,5 21,0 24,0 30,0 34,0 50,3 59,2
132	2200	27,0 34,0 41,5 49,5 60,0 72,0 16,6 19,5 22,5 27,0 31,0 49,8 58,6
144	2400	24,5 32,0 37,0 47,0 54,5 66,5 15,3 17,0 22,0 25,5 30,0 49,3 58,0
156	2600	23,5 30,0 43,0 48,5 60,5 14,0 15,4 19,0 24,5 29,5 48,6 57,3
168	2800	22,0 54,0 11,8 14,2 18,0 23,5 27,5 47,7 56,4
180	3000	20,2 13,1 16,0 22,0 26,0 46,7 55,5
192	3200	18,5 14,0 16,0 25,0 30,0 45,5 54,3
204	3400	16,0 22,5 28,0 44,5 52,5
216	3600	20,0 26,0 42,0 51,0
228	3800	20,0 40,0 49,0
240	4000	38,6 48,5
270	4500	46,1

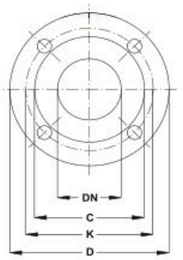
Per i valori della potenza assorbita P_1 vedi grafico nella pagina a destra / *For input power P1 please check the curve on the next page*

CGHE









DIMENSIONE FLANGE mm *FLANGE'S DIMENSIONS mm*					
DN	K	D	C	FORI - HOLES N°	FORI - HOLES Ø
32	100	140	78	4	18
40	110	150	88	4	18
50	125	165	102	4	18
65	145	185	122	4	18
80	160	200	138	4	18
100	180	220	158	8	18

MODELLO POMPA *PUMPS'S MODEL*	DIMENSIONI POMPA *PUMPS'S DIMENSIONS* [mm]													DIMENSIONI IMBALLO *PACKING DIMENSIONS* [mm]			PESO *WEIGHT*
	A	H	h1	h2	M1	M2	N1	N2	B	S	T	DNA	DNM	w	l	h	kg
CGHE 32-40	80	340	160	180	100	70	240	190	50	14	450	50	32	540	360	290	44,8
CGHE 32-55	80	340	160	180	100	70	240	190	50	14	450	50	32	540	360	290	47,4
CGHE 32-75	80	340	160	180	100	70	240	190	50	15	541	50	32	660	520	350	71,1
CGHE 32-100	80	340	160	180	100	70	240	190	50	15	541	50	32	660	520	350	78,1
CGHE 40-40	80	292	132	160	100	70	240	190	50	15	460	65	40	540	360	290	46,4
CGHE 40-55	80	292	132	160	100	70	240	190	50	15	460	65	40	540	360	290	49,3
CGHE 40-75	100	340	160	180	100	70	265	212	50	15	560	65	40	660	520	350	75,6
CGHE 40-100	100	340	160	180	100	70	265	212	50	15	560	65	40	660	520	350	81,3
CGHE 40-150	100	405	180	225	125	95	320	250	65	15	600	65	40	660	520	350	100,1
CGHE 40-200	100	405	180	225	125	95	320	250	65	15	600	65	40	660	520	350	104,1
CGHE 50-40	100	292	132	160	100	70	240	190	50	14	482	65	50	540	360	290	46,6
CGHE 50-55	100	292	132	160	100	70	240	190	50	14	482	65	50	540	360	290	49,1
CGHE 50-75	100	340	160	180	100	70	265	212	50	14	560	65	50	660	520	350	73,6
CGHE 50-100	100	340	160	180	100	70	265	212	50	14	560	65	50	660	520	350	78,7
CGHE 50-125	100	360	160	200	100	70	265	212	50	15	565	65	50	660	520	350	89,1
CGHE 50-150	100	360	160	200	100	70	265	212	50	15	605	65	50	660	520	350	91,1
CGHE 50-200	100	360	160	200	100	70	265	212	50	15	605	65	50	660	520	350	100,6
CGHE 50-250	100	405	180	225	125	95	320	250	65	15	724,50	65	50	810	570	360	144
CGHE 50-300	100	405	180	225	125	95	320	250	65	15	724,50	65	50	810	570	360	154
CGHE 65-75	100	340	160	180	125	95	280	212	65	15	565	80	65	660	520	350	76,1
CGHE 65-100	100	340	160	180	125	95	280	212	65	15	565	80	65	660	520	350	81,4
CGHE 65-125	100	360	160	200	125	95	280	212	65	15	565	80	65	660	520	350	88,1
CGHE 65-150	100	360	160	200	125	95	280	212	65	15	605	80	65	660	520	350	98,6
CGHE 65-200	100	360	160	200	125	95	280	212	65	15	605	80	65	660	520	350	102,7
CGHE 65-250	100	405	180	225	125	95	320	250	65	15	725	80	65	810	570	360	144
CGHE 65-300	100	405	180	225	125	95	320	250	65	15	725	80	65	810	570	360	154
CGHE 65-400	100	450	200	250	160	120	360	280	80	16	850	80	65	850	490	380	249
CGHE 65-500	100	450	200	250	160	120	360	280	80	16	850	80	65	850	490	380	263
CGHE 80-100	125	405	180	225	125	95	320	250	65	15	595	100	80	660	530	350	88,1
CGHE 80-125	125	405	180	225	125	95	320	250	65	15	595	100	80	660	520	350	99,1
CGHE 80-150	125	405	180	225	125	95	320	250	65	15	635	100	80	660	520	350	103,1
CGHE 80-200	125	405	180	225	125	95	320	250	65	15	635	100	80	660	520	350	123,1
CGHE 80-250	125	405	180	225	125	95	320	250	65	15	755	100	80	810	530	360	149
CGHE 80-300	125	405	180	225	125	95	320	250	65	15	755	100	80	810	570	360	159
CGHE 80-400	125	405	180	250	125	95	345	280	65	16	840	100	80	850	490	380	243
CGHE 80-500	125	405	180	250	125	95	345	280	65	16	840	100	80	850	490	380	257