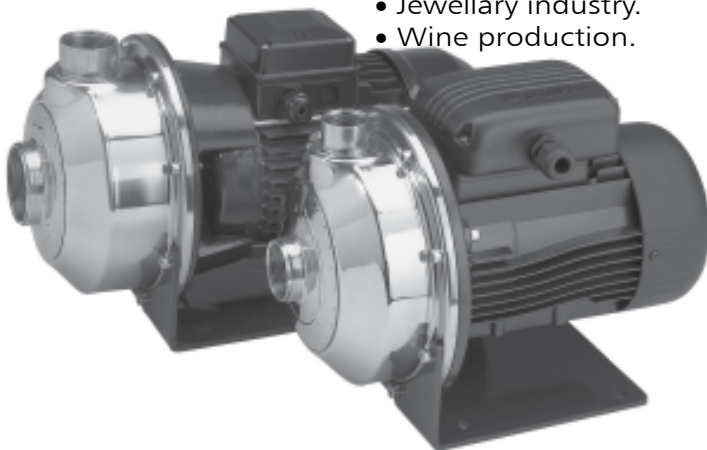


Single-Impeller Centrifugal Electric Pumps

CEA-CEA(N) Series



MARKET SECTORS

CIVIL, AGRICULTURAL, INDUSTRIAL.

APPLICATIONS

Version made of AISI 304

- Handling of chemically and mechanically non-aggressive water and liquids (*).
- Water supply.
- Irrigation.
- Water circulation (cold, hot, refrigerated).

* For moderately aggressive liquids, a version with FPM elastomers is available (CEA../..-V).
For aggressive liquids, please contact our sales network.

"N" version made of AISI 316 (for aggressive liquids)

- Reverse osmosis (where demineralized water is used).
- Industrial washing.
- Thermal waters.
- Chlorine dispensing in swimming pools.
- Jewellery industry.
- Wine production.

the overload protection must be provided and installed by the user in the control panel.

- **Three-phase** versions: 220-240/380-415 V 50 Hz, 2 poles, the overload protection must be provided and installed by the user in the control panel.

- Condensate drain plugs in the standard version.

CONSTRUCTION CHARACTERISTICS

- Close-coupled, single-impeller centrifugal pump featuring axial suction and radial discharge.
- Compact construction, with pump coupled directly to motor; special motor shaft extension in common with the pump and supported by ball bearings.
- Rotating assembly with back pull-out design, eliminating the need to disconnect the pump body from the pipe line.
- Threaded suction and discharge ports (Rp ISO 7).
- High performance enclosed **Impeller** made of **AISI 304** stainless steel (**AISI 316** for N version).
- **Mechanical seal** with Ceramic/Carbon rings, NBR elastomers, (EPDM for N version) other parts are made of AISI 304 stainless steel (AISI 316 for N version). Mounting dimensions according to EN 12756 (ex DIN 24960) and ISO 3069.
- **O-rings** made of NBR (EPDM for N version).
- Mounting pedestal on pump body.

OPTIONAL FEATURES

- Different voltages and frequencies.
- Different material for the mechanical seal and O-rings.

SPECIFICATIONS PUMP

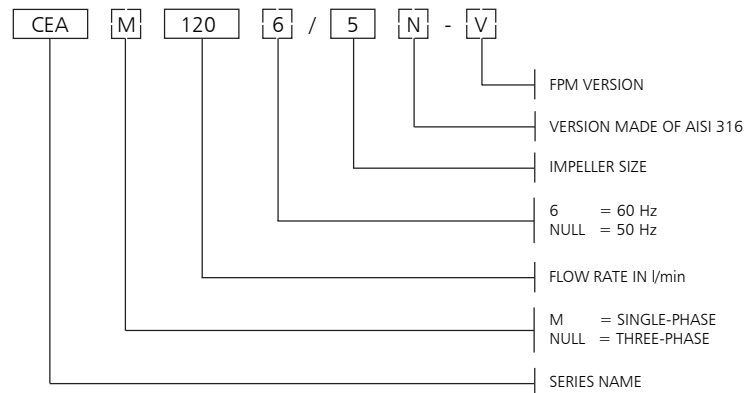
- **Delivery** up to 520 l/min (31 m³/h)
- **Head** up to 32 m.
- **Temperature** of pumped liquid: -10°C to +85°C standard version. -10°C to +110°C (N and V versions).
- Maximum operating **pressure** : 8 bar (PN 8).
- Counter-clockwise rotation facing the pump from the suction port.

MOTOR

- Asynchronous, squirrel cage rotor, close construction, external ventilation.
- **Protection class**: IP55.
- Class 155 (F) **Insulation**.
- Performances to EN 60034-1 specifications.
- **Standard voltage**:
- **Single-phase** versions: 220-240 V 50 Hz, 2 poles, with automatic reset overload protection up to 1,5 kW. For higher powers,

☐ **Standard supplied IE2 motors are compliant with Regulation (EC) no. 640/2009.**

CEA-CEA(N) SERIES IDENTIFICATION CODE

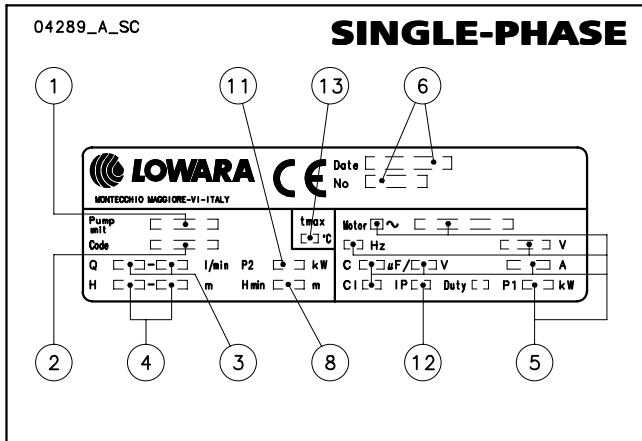


EXAMPLE : CEAM 120/5-V

CEA series electric pump, single-phase, flow rate 120 l/min
50 Hz, Impeller size 5, FPM version.

RATING PLATE

04289_A_SC **SINGLE-PHASE**



LOWARA MONTEDISON MAGGIORE-VI-ITALY

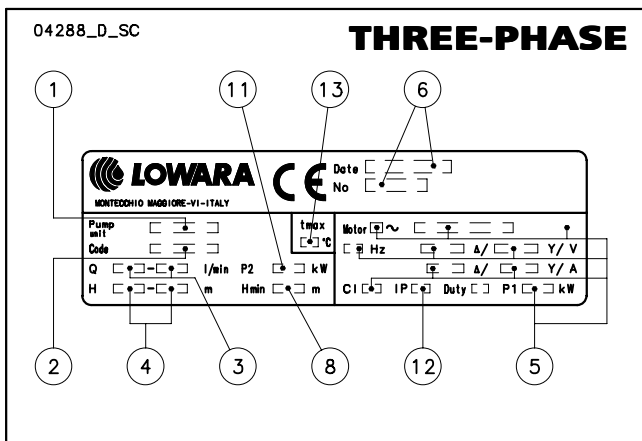
Pump mit ☐ Code ☐ Q ☐ l/min P2 ☐ kW H ☐ m Hmin ☐ m Tmax ☐ °C Motor ☐ Hz ☐ V ☐ A C ☐ F ☐ V ☐ A CI ☐ IP ☐ Duty ☐ P1 ☐ kW

1 11 13 6 2 4 3 8 12 5

LEGEND

- 1 - Electric pump type
- 2 - Code
- 3 - Delivery range
- 4 - Head range
- 5 - Motor characteristics
- 6 - Date of manufacturing and serial number
- 8 - Minimum head
- 11 - Rated power
- 12 - Electric pump protection class
- 13 - Maximum temperature of pumped liquid

04288_D_SC **THREE-PHASE**



LOWARA MONTEDISON MAGGIORE-VI-ITALY

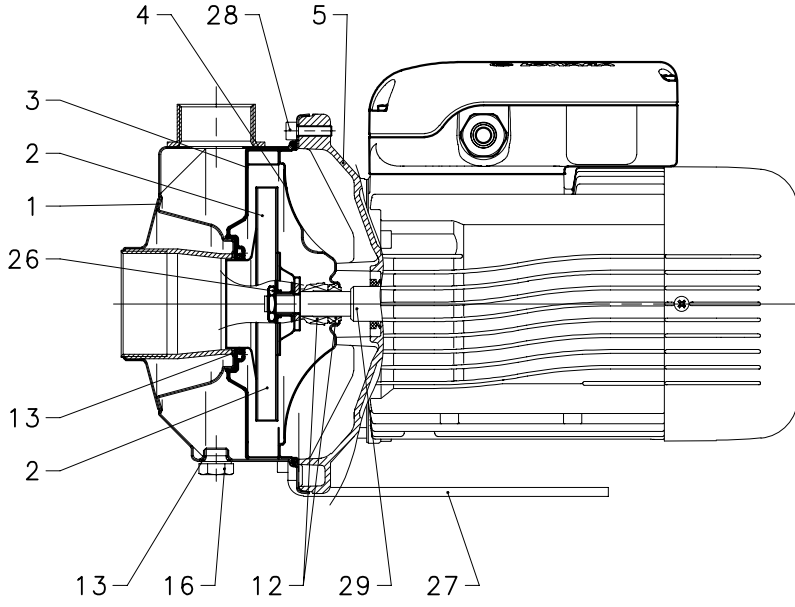
Pump mit ☐ Code ☐ Q ☐ l/min P2 ☐ kW H ☐ m Hmin ☐ m Tmax ☐ °C Motor ☐ Hz ☐ V ☐ A C ☐ F ☐ V ☐ A CI ☐ IP ☐ Duty ☐ P1 ☐ kW

1 11 13 6 2 4 3 8 12 5

CEA - CEA(N) SERIES

LIST OF MODELS AND TABLE OF MATERIALS

04304_C_DS



VERSIONS
CEA70/3
CEA70/5
CEA80/5
CEA120/3
CEA120/5
CEA210/2
CEA210/3
CEA210/4
CEA210/5
CEA370/1
CEA370/2
CEA370/3
CEA370/5

cea-ceaN-en_a_mo

CEA SERIES TABLE OF MATERIALS

REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Pump body	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
2	Impeller	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
3	Diffuser	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
4	Seal housing	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
5	Adapter	Aluminium	EN 1706-AC-AISI11Cu2 (Fe) (AC46100)	-
12	Mechanical seal	Ceramic / Carbon / NBR (standard version)		
13	Elastomers	NBR (standard version)		
16	Fill/drain plugs	Stainless steel	EN 10088-1-X5CrNiMo17-12-2 (1.4401)	AISI 316
26	Impeller lock nut	Stainless steel	EN 10088-1-X5CrNiMo17-12-2 (1.4401)	AISI 316
27	Mounting pedestal	Painted steel		
28	Pump body fastening nuts and bolts	Zinc-plated steel		
29	Shaft extension	Stainless steel	EN 10088-1-X5CrNiMo17-12-2 (1.4401)	AISI 316

CEA(N) SERIES TABLE OF MATERIALS

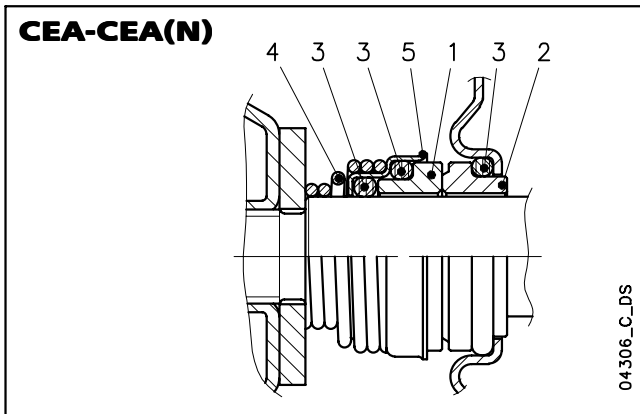
cea-ceaN-en_b_tm

REF. N.	PART	MATERIAL	REFERENCE STANDARDS	
			EUROPE	USA
1	Pump body	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
2	Impeller	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
3	Diffuser	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
4	Seal housing	Stainless steel	EN 10088-1-X2CrNiMo17-12-2 (1.4404)	AISI 316L
5	Adapter	Aluminium	EN 1706-AC-AISI11Cu2 (Fe) (AC46100)	-
12	Mechanical seal	Ceramic / Carbon /EPDM		
13	Elastomers	EPDM		
16	Fill/drain plugs	Stainless steel	EN 10088-1-X5CrNiMo17-12-2 (1.4401)	AISI 316
26	Impeller lock nut	Stainless steel	EN 10088-1-X5CrNiMo17-12-2 (1.4401)	AISI 316
27	Mounting pedestal	Painted steel		
28	Pump body fastening nuts and bolts	Zinc-plated		
29	Shaft extension	Stainless steel	EN 10088-1-X5CrNiMo17-12-2 (1.4401)	AISI 316

cea-ceaN-en_a_tm

CEA-CEA(N) MECHANICAL SEAL, ACCORDING TO EN 12756

Mechanical seal with mounting dimensions according to EN12756 (ex DIN 24960) and ISO 3069.



CEA-CEA(N) LIST OF MATERIALS

POSITION 1 - 2	POSITION 3	POSITION 4 - 5
B : Resin impregnated carbon	P : NBR	F : AISI 304
C : Special resin impregnated carbon	E : EPDM	G : AISI 316
Q₁ : Silicon carbide	V : FPM	
U₃ : Tungsten carbide		
V : Ceramic		

cea-ca_ten-mec-en_b_tm

CEA MECHANICAL SEALS

TYPE	POSITION					TEMPERATURE (°C)
	1 ROTATING ASSEMBLY	2 FIXED ASSEMBLY	3 ELASTOMERS	4 SPRINGS	5 OTHER COMPONENTS	
STANDARD MECHANICAL SEAL						
V B P GF	V	B	P	G	F	-10 +85
OTHER TYPES OF MECHANICAL SEAL						
VBEGG	V	B	E	G	G	-10 +110
VCEGG	V	C	E	G	G	-10 +110
Q ₁ Q ₁ EGG	Q ₁	Q ₁	E	G	G	-10 +110
U ₃ CEGG	U ₃	C	E	G	G	-10 +110
U ₃ U ₃ EGG	U ₃	U ₃	E	G	G	-10 +110
VBVGG	V	B	V	G	G	-10 +110
VCVGG	V	C	V	G	G	-10 +110
Q ₁ Q ₁ VGG	Q ₁	Q ₁	V	G	G	-10 +110
U ₃ CVGG	U ₃	C	V	G	G	-10 +110
U ₃ U ₃ VGG	U ₃	U ₃	V	G	G	-10 +110

cea_tipi-ten-mec-b_tc

CEA(N) MECHANICAL SEALS

TYPE	POSITION					TEMPERATURE (°C)
	1 ROTATING ASSEMBLY	2 FIXED ASSEMBLY	3 ELASTOMERS	4 SPRINGS	5 OTHER COMPONENTS	
STANDARD MECHANICAL SEAL						
VBEGG	V	B	E	G	G	-10 +110
OTHER TYPES OF MECHANICAL SEAL						
VCEGG	V	C	E	G	G	-10 +110
Q ₁ Q ₁ EGG	Q ₁	Q ₁	E	G	G	-10 +110
VCVGG	V	C	V	G	G	-10 +110
Q ₁ Q ₁ VGG	Q ₁	Q ₁	V	G	G	-10 +110

cean-can_tipi-ten-mec-en_b_tc

CEA-CEA(N) SERIES

HYDRAULIC PERFORMANCE TABLE AT 50 Hz, 2 POLES

PUMP TYPE	RATED POWER		Q = DELIVERY																		
			l/min	0	30	40	60	80	100	120	140	160	180	200	250	300	350	400	430	480	520
	m³/h	0	1,8	2,4	3,6	4,8	6	7,2	8,4	9,6	10,8	12	15	18	21	24	26	29	31		
	kW	HP	H = TOTAL HEAD METRES COLUMN OF WATER																		
CEA(M) 70/3	0,37	0,5	22	20,1	19,1	16,6	12,8														
CEA(M) 70/5	0,55	0,75	31,1	28,8	27,7	24,7	20,2														
CEA(M) 80/5	0,75	1	32	30	29,3	27,4	24,7	21													
CEA(M) 120/3	0,55	0,75	22,4			18,9	17,5	15,9	14	11,8	9,2										
CEA(M) 120/5	0,9	1,2	31,8			28,2	26,5	24,6	22,4	20	17,3										
CEA(M) 210/2	0,75	1	17,7						16,5	16,1	15,6	15	14,4	12,6	10,4						
CEA(M) 210/3	1,1	1,5	20,8						19,7	19,3	19	18,5	18	16,5	14,4						
CEA(M) 210/4	1,5	2	25,5						24,8	24,5	24	23,6	23	21,3	19						
CEA(M) 210/5	1,85	2,5	29						28,2	27,9	27,5	27,1	26,6	25,1	23,1						
CEA(M) 370/1	1,1	1,5	16,3									15,5	15,2	14,3	13	11,4	9,4	8,1			
CEA(M) 370/2	1,5	2	20,4										19,1	18,3	17,2	15,8	14,1	13	10,8		
CEA(M) 370/3	1,85	2,5	24,4										22,9	22,1	21,1	19,8	18,2	17,1	15	13	
CEA370/5	3	4	30,3										28,3	27,5	26,5	25,3	23,8	22,8	21	19,0	

cea-2p50-en_d_th

CEA-CEA(N) SERIES

ELECTRICAL DATA AT 50 Hz, 2 POLES

PUMP TYPE	MOTOR TYPE	INPUT POWER*	INPUT CURRENT*	CAPACIT.	PUMP TYPE	MOTOR TYPE	INPUT POWER*	INPUT CURRENT*	INPUT CURRENT*
1 ~		kW	220-240 V A	μF / 450 V	3 ~		kW	220-240 V A	380-415 V A
CEAM70/3	SM63BG/1045	0,60	2,72	14	CEA70/3	SM63BG/304	0,61	2,51	1,45
CEAM70/5	SM71BG/1055	0,97	4,55	16	CEA70/5	SM71BG/305	0,88	2,86	1,65
CEAM80/5	SM71BG/1075	1,07	4,87	20	CEA80/5	SM80BG/307HE	1,02	3,23	1,87
CEAM120/3	SM71BG/1055	0,91	4,33	16	CEA120/3	SM71BG/305	0,82	2,74	1,58
CEAM120/5	SM71BG/1095	1,39	6,24	25	CEA120/5	SM80BG/311HE	1,32	4,07	2,35
CEAM210/2	SM71BG/1075	1,13	5,10	20	CEA210/2	SM80BG/307HE	1,10	3,39	1,96
CEAM210/3	SM80BG/1115	1,48	6,68	30	CEA210/3	SM80BG/311HE	1,39	4,24	2,45
CEAM210/4	SM80BG/1155	1,91	8,60	40	CEA210/4	PLM90BG/315	1,77	5,33	3,08
CEAM210/5	PLM90BG/1225	2,24	10,2	70	CEA210/5	PLM90BG/322	2,20	7,35	4,24
CEAM370/1	SM80BG/1115	1,49	6,75	30	CEA370/1	SM80BG/311HE	1,44	4,34	2,51
CEAM370/2	SM80BG/1155	2,05	9,26	40	CEA370/2	PLM90BG/315	1,99	5,90	3,41
CEAM370/3	PLM90BG/1225	2,45	11,1	70	CEA370/3	PLM90BG/322	2,45	7,84	4,53
					CEA370/5	PLM90BG/330	3,26	10,1	5,86

*Maximum value in specified range.

cea-2p50-en_e_te

MOTORS FOR CEA-CEA(N) SERIES

Standard supplied IE2 three-phase surface motors $\geq 0,75$ kW are compliant with Regulation (EC) no. 640/2009 and IEC 60034-30.

Electrical performances according to EN 60034-1.

Insulation class 155 (F). IP55 protection. Condensate drain plugs on standard version.

Cooling by fan according to EN 60034-6.

Cable gland metric size according to EN 50262. Standard voltage:

- **Single-phase version:** 220-240 V 50 Hz (incorporated automatic-reset overload protection).
- **Three-phase version:** 220-240/380-415 V 50 Hz (overload protection to be provided by the user).

SINGLE-PHASE MOTORS AT 50 Hz, 2 POLES

P _N kW	MOTOR TYPE	IEC SIZE	Construction Design	INPUT	CAPACITOR		DATA FOR 230 V 50 Hz VOLTAGE						
				CURRENT	μ F	V	min ⁻¹	Is / In	η %	cos ϕ	T _N Nm	Ts/T _N	Tm/T _N
				In (A) 220-240 V									
0,4	SM63BG/1045	63	SPECIAL	2,79-2,85	14	450	2745	2,64	65,1	0,96	1,39	0,68	1,63
0,55	SM71BG/1055	71		3,76-3,99	16	450	2820	3,72	68,9	0,91	1,86	0,61	2,00
0,75	SM71BG/1075	71		4,90-4,85	20	450	2765	3,42	70,1	0,96	2,59	0,58	1,75
0,95	SM71BG/1095	71		6,25-5,89	25	450	2740	3,39	71,1	0,98	3,31	0,58	1,66
1,1	SM80BG/1115	80		6,88-6,65	30	450	2800	3,89	74,7	0,96	3,75	0,46	1,72
1,5	SM80BG/1155	80		9,21-8,58	40	450	2810	4,00	76,1	0,98	5,09	0,39	1,74
1,85	PLM80BG/1225	90		12,5-11,6	70	450	2825	4,47	82,4	0,97	7,43	0,53	1,87

THREE-PHASE MOTORS AT 50 Hz, 2 POLES

cea-motm-2p50-en_a_te

P _N kW	Efficiency η_N %																		IE	Year of manufacture
	Δ 220 V Y 380 V			Δ 230 V Y 400 V			Δ 240 V Y 415 V			Δ 380 V Y 660 V			Δ 400 V Y 690 V			Δ 415 V				
	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4	4/4	3/4	2/4		
	0,4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
0,55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
0,75	77,4	77,4	74,0	77,4	77,4	74,0	77,4	77,4	74,0	77,4	77,4	74,0	77,4	77,4	74,0	77,4	77,4	74,0		
0,9	80,1	80,1	78,9	80,1	80,1	78,9	80,1	80,1	78,9	80,1	80,1	78,9	80,1	80,1	78,9	80,1	80,1	78,9		
1,1	80,1	80,1	78,9	80,1	80,1	78,9	80,1	80,1	78,9	80,1	80,1	78,9	80,1	80,1	78,9	80,1	80,1	78,9		
1,5	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8	81,8		
1,85	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7		
2,2	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7	83,7		
3	85,5	86,8	85,6	86,1	86,8	85,6	86,3	86,8	85,6	85,5	86,8	85,6	85,5	86,8	85,6	85,5	86,8	85,6		

P _N kW	Manufacturer		IEC SIZE	Construction Design	N. of Poles	f _N Hz	Data for 400 V / 50 Hz Voltage				
	Lowara srl Unipersonale Reg. No. 341820260 Montecchio Maggiore Vicenza - Italia						cosφ	Is / I _N	T _N Nm	Ts/T _N	Tm/Tn
	Model										
0,4	SM63BG/304		63	SPECIAL	2	50	0,66	4,32	1,38	4,14	3,13
0,55	SM71BG/305		71				0,74	5,97	1,85	3,74	3,56
0,75	SM80BG/307HE		80				0,79	8,70	2,47	4,71	4,09
0,9	SM80BG/311HE		80				0,82	8,98	3,63	4,62	4,00
1,1	SM80BG/311HE		80				0,82	8,98	3,63	4,62	4,00
1,5	PLM90BG/315		90				0,86	7,86	4,96	3,34	3,27
1,85	PLM90BG/322		90				0,80	8,63	7,25	3,74	3,71
2,2	PLM90BG/322		90				0,80	8,63	7,25	3,74	3,71
3	PLM90BG/330		90				0,82	8,39	9,96	3,50	3,32

P _N kW	Voltage U _N V											n _N min ⁻¹	See note:	Operating conditions **		
	Δ			Y			Δ			Y				Altitude Above Sea Level (m)	T. amb min/max °C	ATEX
	220 V	230 V	240 V	380 V	400 V	415 V	380 V	400 V	415 V	660 V	690 V					
	I _N (A)															
0,4	2,20	2,34	2,51	1,27	1,35	1,45	-	-	-	-	-	2740 ÷ 2790	≤ 1000	-15 / 40	No	
0,55	2,56	2,56	2,62	1,48	1,48	1,51	-	-	-	-	-	2825 ÷ 2850				
0,75	3,10	3,05	3,03	1,79	1,76	1,75	1,78	1,76	1,74	1,03	1,01	2885 ÷ 2905				
0,9	4,17	4,09	4,07	2,41	2,36	2,35	2,40	2,36	2,34	1,39	1,36	2880 ÷ 2900				
1,1	4,17	4,09	4,07	2,41	2,36	2,35	2,40	2,36	2,34	1,39	1,36	2880 ÷ 2900				
1,5	5,53	5,23	5,13	3,19	3,02	2,96	3,19	3,03	2,96	1,84	1,75	2865 ÷ 2895				
1,85	8,05	8,04	8,09	4,65	4,64	4,67	4,62	4,61	4,63	2,67	2,66	2885 ÷ 2900				
2,2	8,05	8,04	8,09	4,65	4,64	4,67	4,62	4,61	4,63	2,67	2,66	2885 ÷ 2900				
3	10,8	10,6	10,6	6,23	6,14	6,12	6,18	6,10	6,06	3,57	3,52	2850 ÷ 2885				

Note: Observe the regulations and codes locally in force regarding sorted waste disposal.

cea-ie2-mott-2p50-en_a_te

** Operating conditions to be referred to motor only. About electric pump, refer to limits in user's manual.

AVAILABLE VOLTAGES MOTORS FOR CEA-CEA(N) SERIES

P _N kW	IEC SIZE	SINGLE-PHASE							
		50 Hz				60 Hz			
		1 x 220-240	1 x 100	1 x 110-120	1 x 220-230	1 x 100	1 x 110-115	1 x 120-127	1 x 200-210
0,4	63	s	o	o	s	-	o	-	-
0,55	71	s	o	o	s	o	o	o	o
0,75	71	s	o	o	s	o	o	o	o
0,95	71	s	o	o	s	o	o	o	o
1,1	80	s	-	o	s	-	o	-	o
1,5	80	s	-	-	s	-	o	-	o
2,2	90	s	-	-	s	-	-	-	-

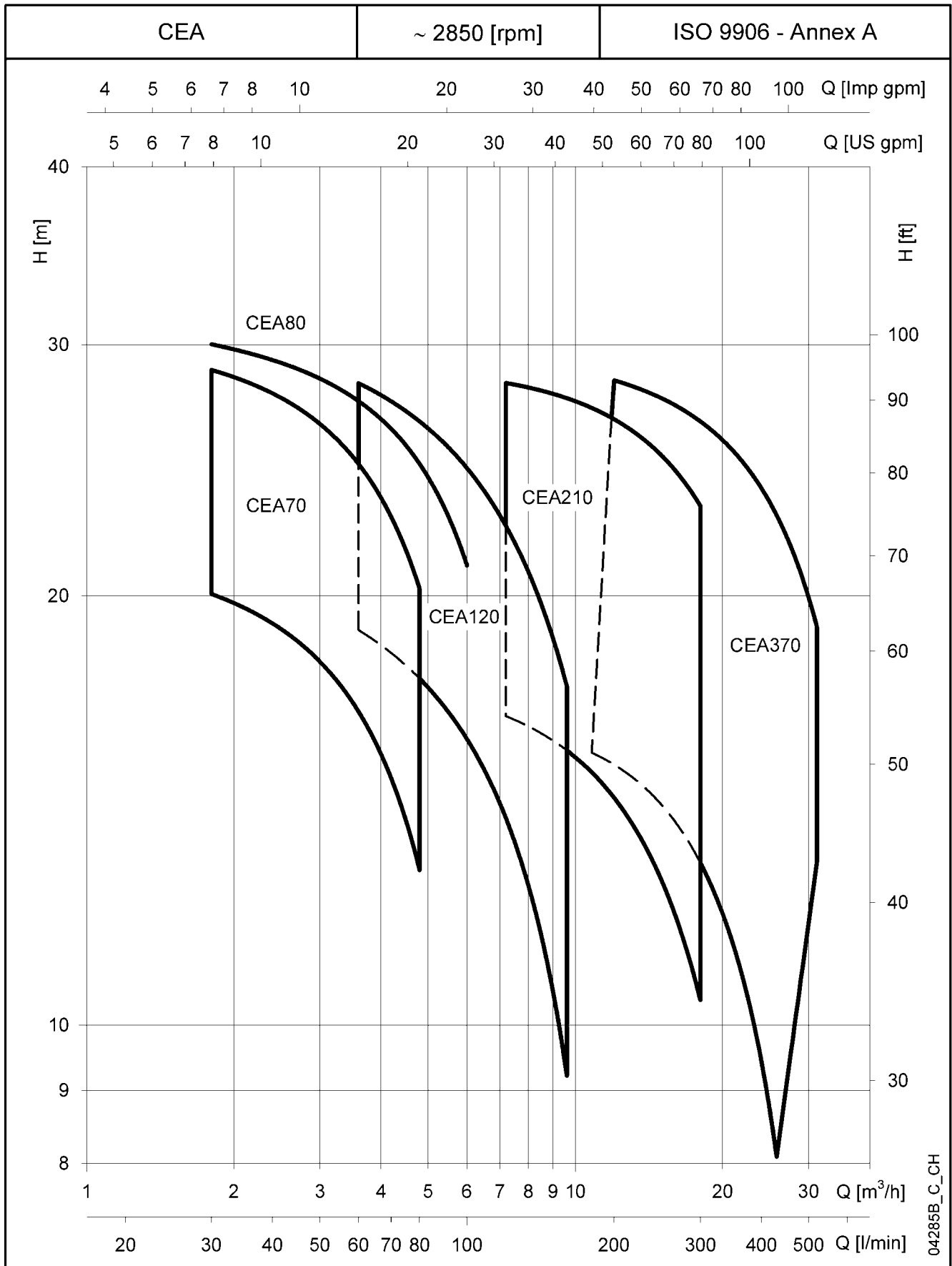
s = Standard voltage o = Optional voltage

P _N kW	THREE-PHASE - 2 POLES															
	50 Hz								60 Hz							
	3 x 220-230-240/380-400-415	3 x 380-400-415/660-690	3 x 200-208/346-360	3 x 255-265/440-460	3 x 290-300/500-525	3 x 440-460/-	3 x 500-525/-	3 x 220-230/380-400	3 x 255-265-277/440-460-480	3 x 380-400/660-690	3 x 440-460-480/-	3 x 110-115/190-200	3 x 200-208/346-360	3 x 330-346/575-600	3 x 575/-	50/60 Hz
0,4	s	o	o	o	o	o	o	s	o	o	o	o	o	o	o	o
0,55	s	o	o	o	o	o	o	s	o	o	o	o	o	o	o	o
0,75	s	o	o	o	o	o	o	s	o	o	o	o	o	o	o	o
0,95	s	o	o	o	o	o	o	s	o	o	o	o	o	o	o	o
1,1	s	o	o	o	o	o	o	s	o	o	o	o	o	o	o	o
1,5	s	o	o	o	o	o	o	s	o	o	o	o	o	o	o	o
2,2	s	o	o	o	o	o	o	s	o	o	o	o	o	o	o	o
3	s	o	o	o	o	o	o	s	o	o	o	o	o	o	o	o

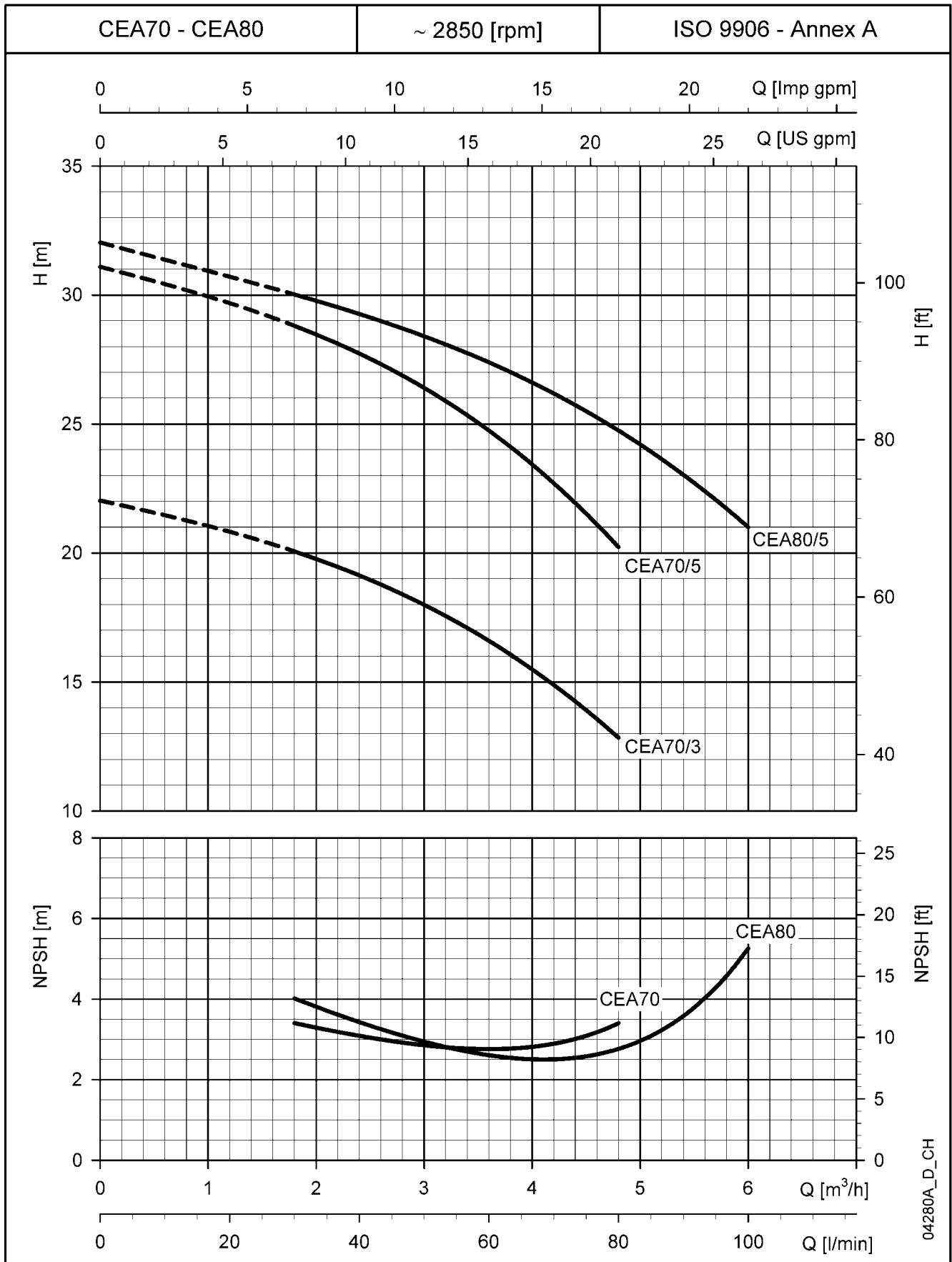
- = Not available

cea-volt-lowara-en_a_te

CEA-CEA(N) SERIES
HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES

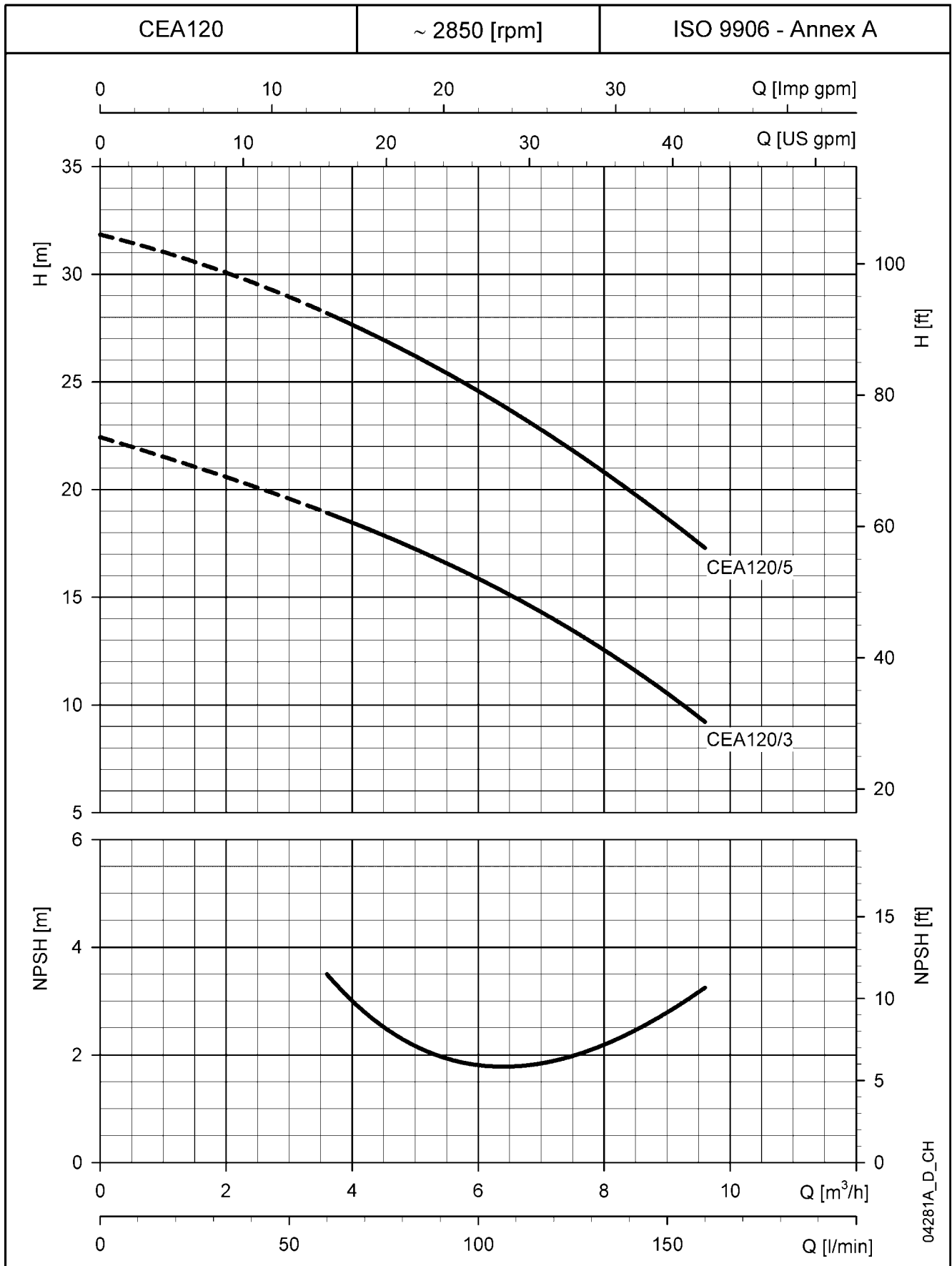


CEA70-CEA80 SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



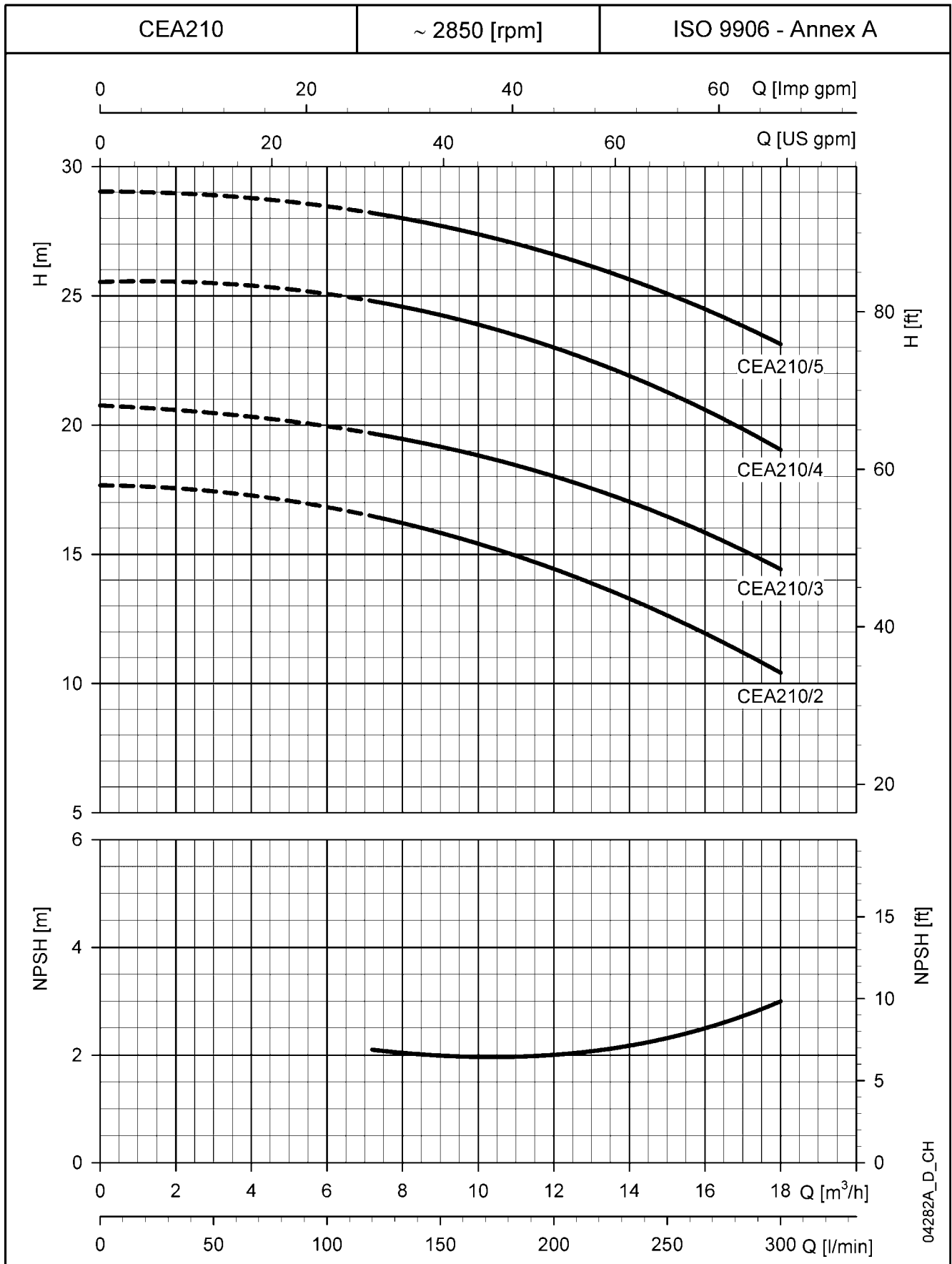
These performances are valid for liquids with density $\rho = 1.0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

CEA120 SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



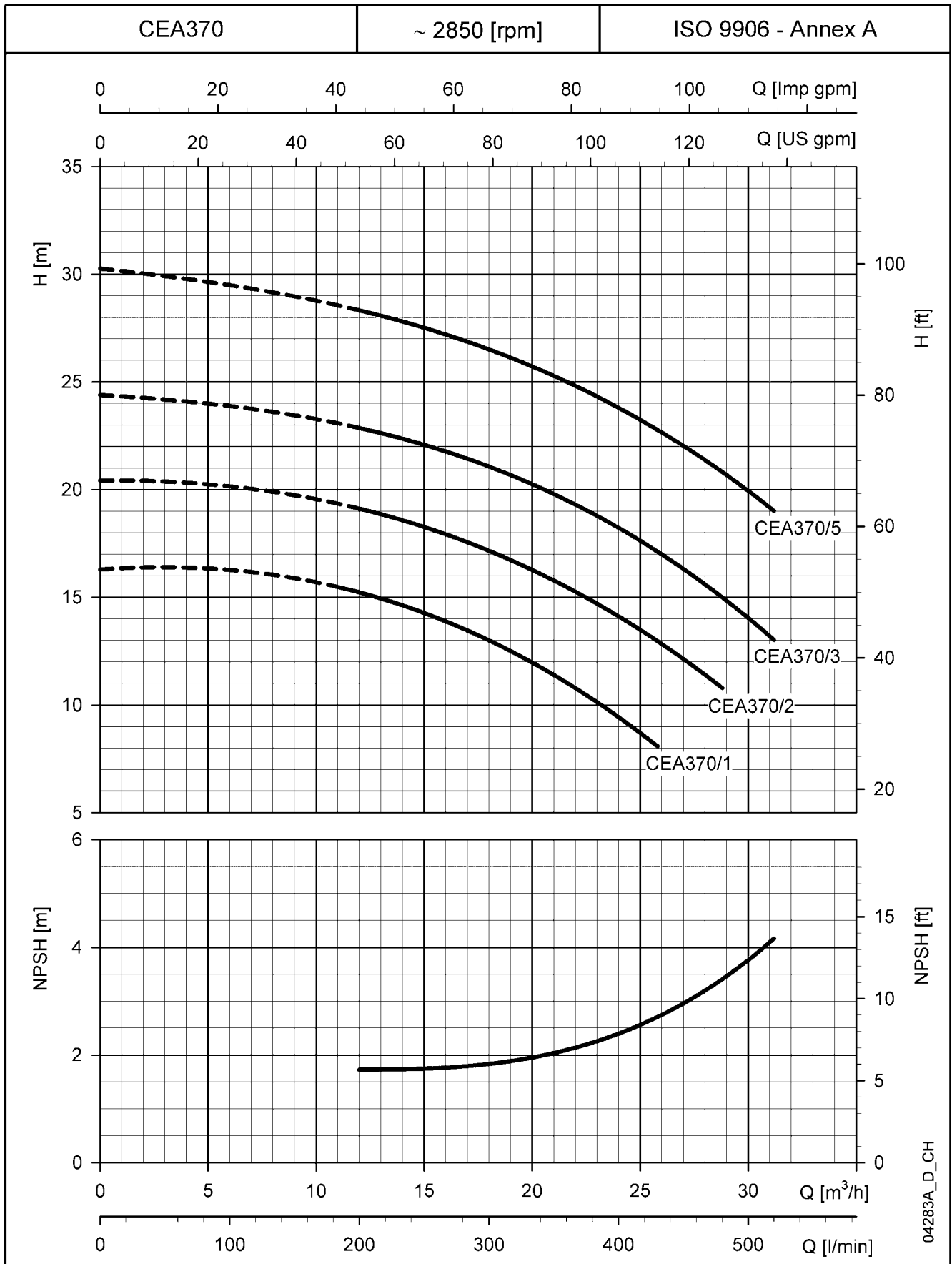
These performances are valid for liquids with density $\rho = 1.0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

CEA210 SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



These performances are valid for liquids with density $\rho = 1.0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

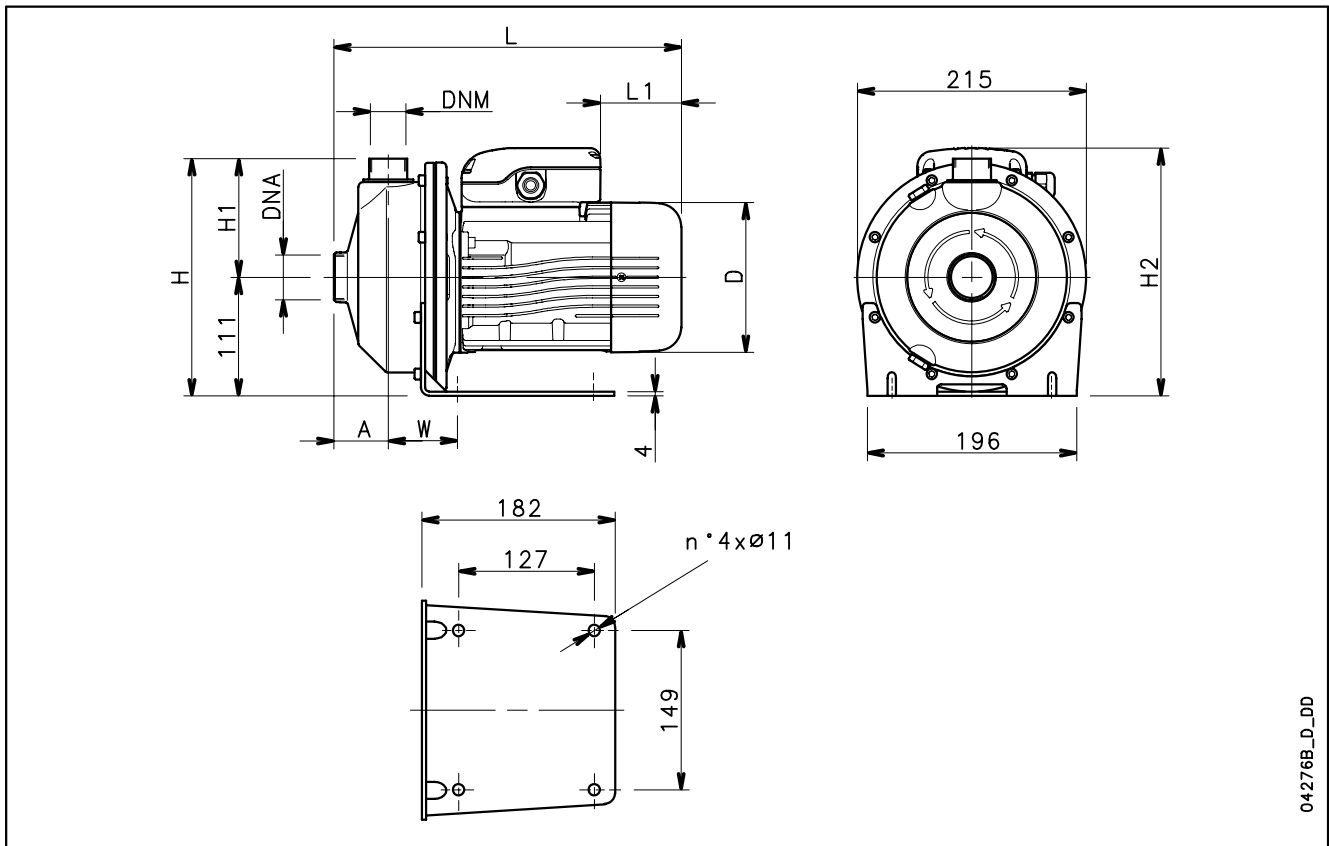
CEA370 SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



These performances are valid for liquids with density $\rho = 1.0 \text{ Kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

CEA-CEA(N) SERIES

DIMENSIONS AND WEIGHTS AT 50 Hz, 2 POLES



04276B_D_DD

PUMP TYPE	DIMENSIONS (mm)								DNA	DNM	WEIGHT
	A	D	H	H1	H2	L	L1	W			kg
CEAM 70/3	51	120	222	111	222	311	62	65	Rp 1 1/4	Rp 1	9,7
CEAM 70/5	51	140	222	111	232	325	76	65	Rp 1 1/4	Rp 1	11,6
CEAM 80/5	51	140	222	111	232	325	76	65	Rp 1 1/4	Rp 1	12,5
CEAM 120/3	51	140	222	111	232	325	76	65	Rp 1 1/4	Rp 1	11,5
CEAM 120/5	51	140	222	111	241	325	31	65	Rp 1 1/4	Rp 1	13
CEAM 210/2	54	140	224	113	232	339	76	76	Rp 1 1/2	Rp 1 1/4	13
CEAM 210/3	54	156	224	113	248	385	69	76	Rp 1 1/2	Rp 1 1/4	14,5
CEAM 210/4	54	156	224	113	248	385	69	76	Rp 1 1/2	Rp 1 1/4	16,1
CEAM 210/5	54	174	224	113	262	429	84	76	Rp 1 1/2	Rp 1 1/4	17
CEAM 370/1	54	156	224	113	248	385	69	76	Rp 2	Rp 1 1/4	14
CEAM 370/2	54	156	224	113	248	385	69	76	Rp 2	Rp 1 1/4	16,1
CEAM 370/3	54	174	224	113	262	429	84	76	Rp 2	Rp 1 1/4	20
CEA 70/3	51	120	222	111	222	311	62	65	Rp 1 1/4	Rp 1	9,7
CEA 70/5	51	140	222	111	232	325	76	65	Rp 1 1/4	Rp 1	11,6
CEA 80/5	51	155	222	111	240	371	114	65	Rp 1 1/4	Rp 1	15,8
CEA 120/3	51	140	222	111	232	325	76	65	Rp 1 1/4	Rp 1	11,5
CEA 120/5	51	155	222	111	240	371	114	65	Rp 1 1/4	Rp 1	16
CEA 210/2	54	155	224	113	240	385	114	76	Rp 1 1/2	Rp 1 1/4	16
CEA 210/3	54	155	224	113	240	385	114	76	Rp 1 1/2	Rp 1 1/4	17,8
CEA 210/4	54	174	224	113	245	429	172	76	Rp 1 1/2	Rp 1 1/4	21
CEA 210/5	54	174	224	113	245	429	172	76	Rp 1 1/2	Rp 1 1/4	21
CEA 370/1	54	155	224	113	240	385	114	76	Rp 2	Rp 1 1/4	17
CEA 370/2	54	174	224	113	245	429	172	76	Rp 2	Rp 1 1/4	21
CEA 370/3	54	174	224	113	245	429	172	76	Rp 2	Rp 1 1/4	21
CEA 370/5	54	174	224	113	245	429	172	76	Rp 2	Rp 1 1/4	21

cea-2p50-en_g_td