ELECTROPOMPE CENTRIFUGE CU UN SINGUR ROTOR DIN FONTA

Aplicatii:

- cresterea presiunii din statiile domestice;
- irigatii la scara mica;
- pomparea lichidelor non-agresive pentru operatii industriale si civile;
- statii de spalare;
- masini de spalare;

Date tehnice:

- disponibile cu rotor din alama (CMA 0.50 GO, CMA 0.75 GO, CMA 1.00 GO);
- versiunea CMR este echipata cu rotor deschis;
- pot fi inserate intr-o masinarie pentru operatii industriale;

Date tehnice ale pompei:

- presiune maxima de operare:
  - 6 bari pentru CMA 0.50 – 0.75 – 1.00, CMB 0.75 – 1.00 – 1.50 – 2.00 – 3.00, CMC, CMD, CMR;
  - 8 bari pentru CMA 1.50 – 2.00 – 3.00, CMB 4.00 – 5.50;
- temperatura maxima a lichidului:
  - 40 °C pentru CMA 0.50 – 0.75 – 1.00
  - 90 °C pentru restul gamei;
- conexiuni de aspiratie G1 pentru CMA 0.50 – 0.75 – 1.00, G1¼ pentru CMA 1.50 – 2.00 – 3.00, G1½ pentru CMR, G2 pentru CMB – CMC, G2½ pentru CMD;
- conexiuni refulare G1 pentru CMA, G1¼ pentru CMB, G1½ pentru CMR, G2 pentru CMC, G2½ pentru CMD;
- MEI > 0.4

Pentru mai multe informatii va rugam folositi Cartea cu date tehnice de pe site-ul www.ebaraeurope.com.

Date tehnice ale motorului:

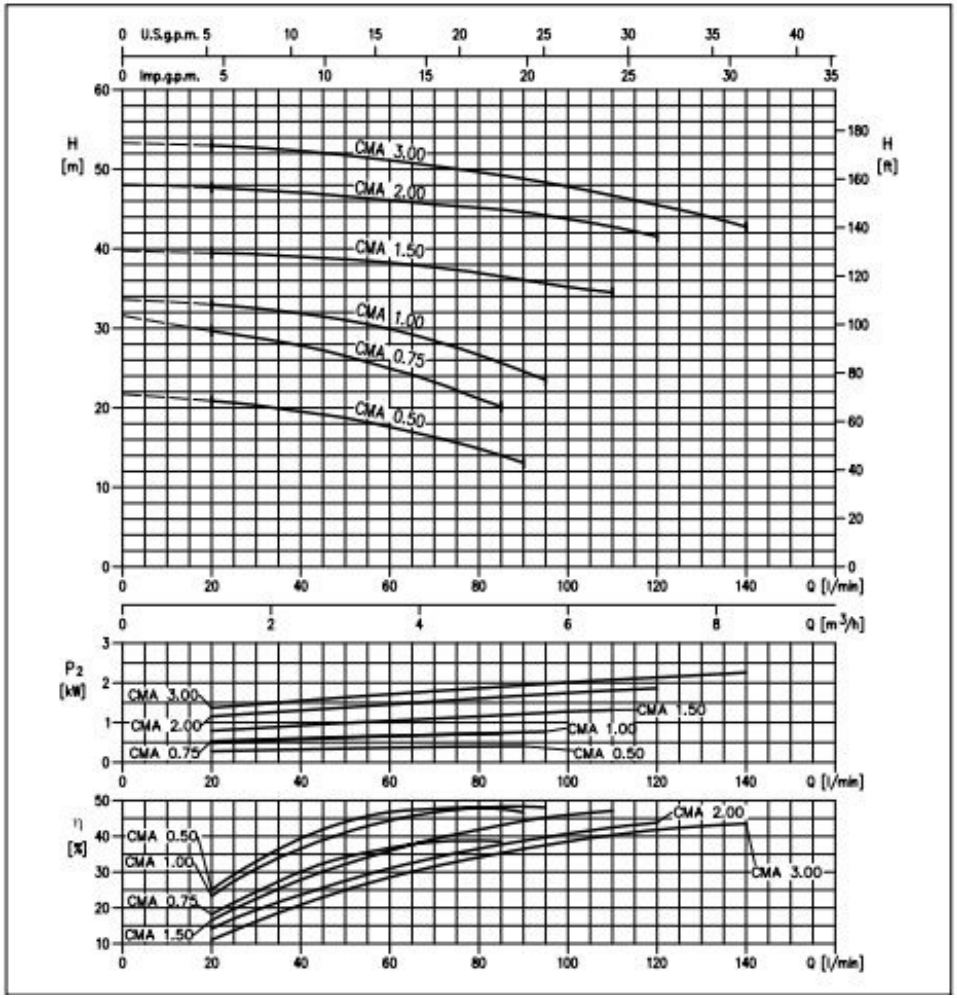
- motoare eficiente energetic IE2 si IE3, cu o gama de puteri incepand de la 0.75 kW;
- motor asincron, auto-ventilat, cu 2 poli;
- clasa de izolatie F;
- protectie IP44;

- 230V ±10% 50Hz pentru monofazat
- 230/400V ±10% 50Hz pentru trifazat;
- capacitor permanent, inserat, si protectie termo-amperometrica cu auto-armare, incorporat, pentru motoarele monofazate;
- protectie sub responsabilitatea utilizatorului pentru versiunile trifazate;

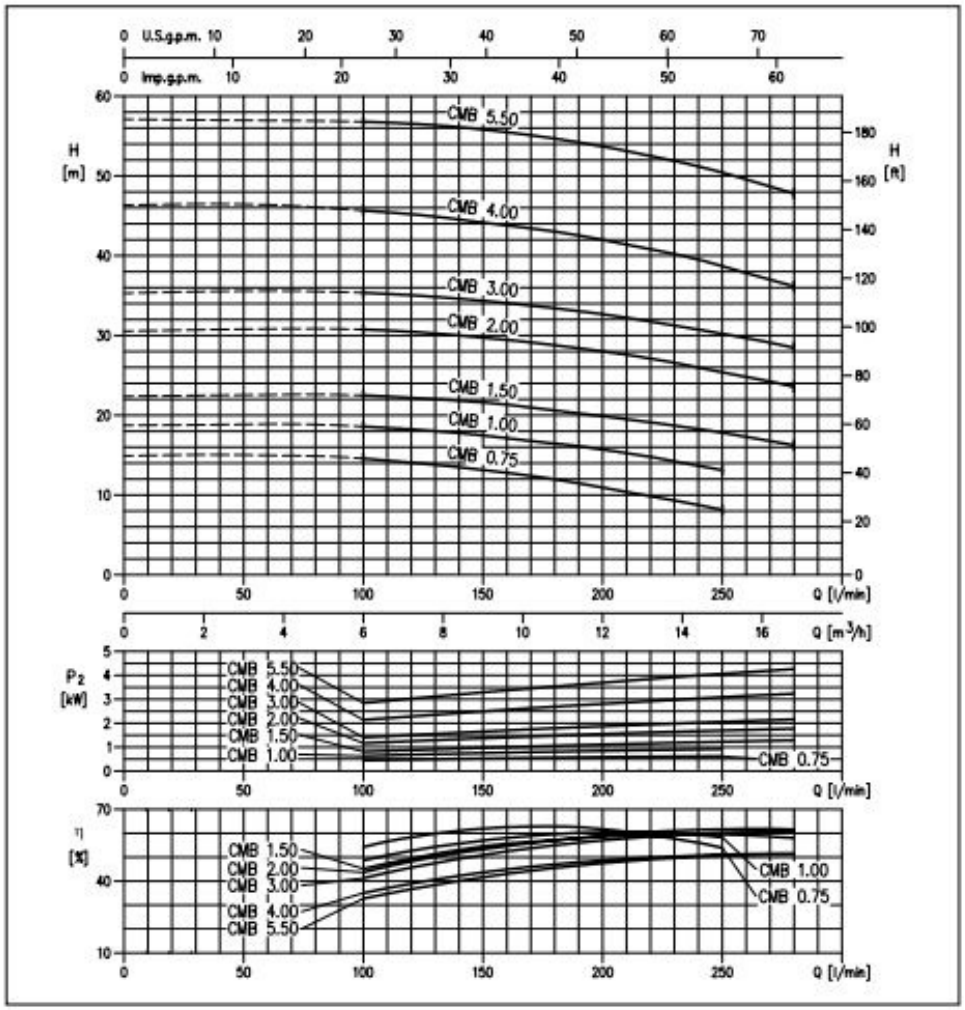
Materiale:

- carcasa pompei din fonta cenusie;
- etansare mecanica din Carbon/ Ceramica/ NBR;
- rotor
  - din PPE+PS ranforsat cu fibra de sticla pentru CMA 0.50 – 0.75 – 1.00
  - din alama pentru CMA 1.50 – 2.00 – 3.00, CMB 2.00 – 3.00 – 4.00 – 5.50, CMR 0.75 – 1.00;
  - din fonta cenusie pentru CMB 0.75 – 1.00 – 1.50, CMC, CMD;
- Ax:
  - din AISI 416 (integral) pentru CMA 0.50
  - din AISI 303 (piesa in contact cu lichidul) pentru CMA 0.75 – 1.00 – 1.50 – 2.00 – 3.00, CMB 0.75 – 1.00 – 1.00 – 1.50 – 2.00 – 3.00, CMC 0.75 – 1.00, CMD 1.50 – 2.00 – 3.00, CMR 0.75 – 1.00;
  - din AISI 304 (piesa in contact cu lichidul) pentru CMB 4.00 – 5.50, CMD 4.00;
- Gheara/ element de prindere:
  - din alumimiu pentru CMA 0.50 – 0.75 – 1.00, CMB 0.75 – 1.00, CMC 0.75 – 1.00, CMR 0.75 – 1.00;
  - din fonta cenusie pentru restul gamei;

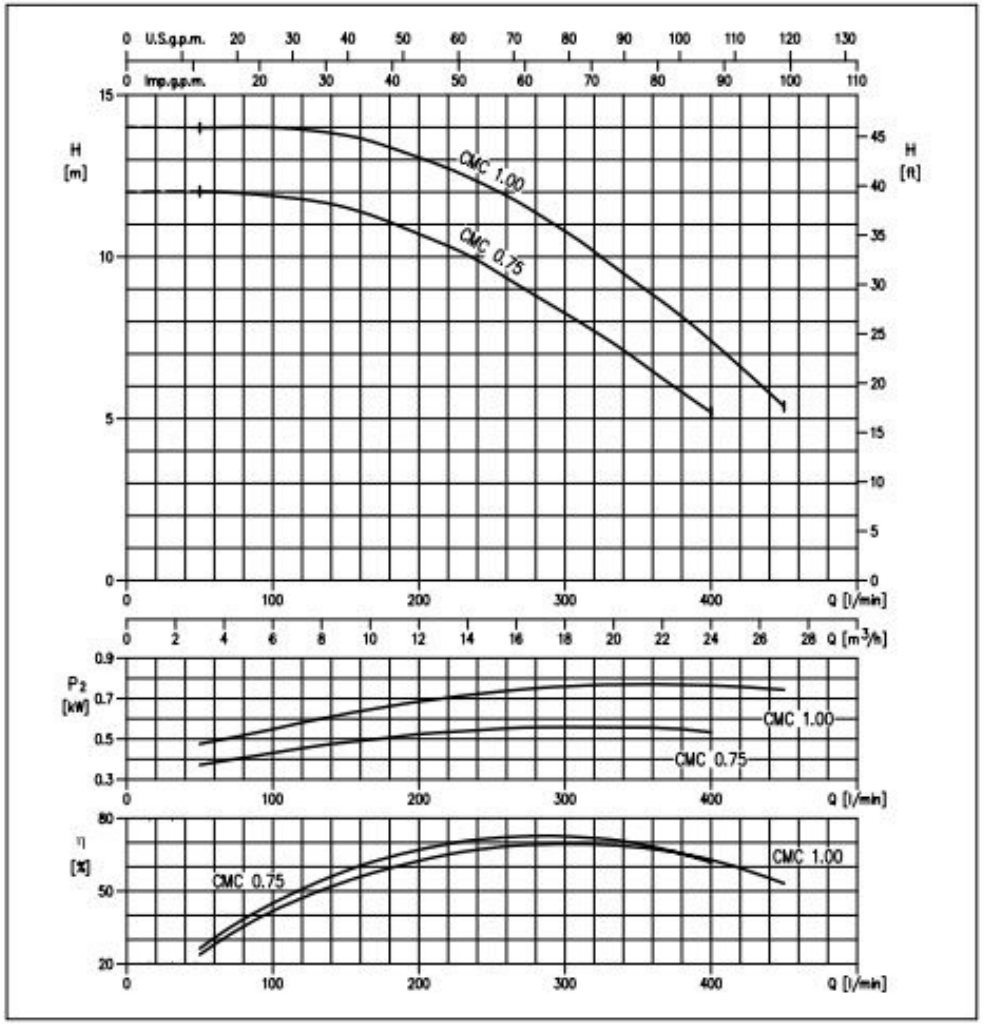
Curba de performanta pentru gama CMA
(in concordanta cu ISO 9906 Anexa A)



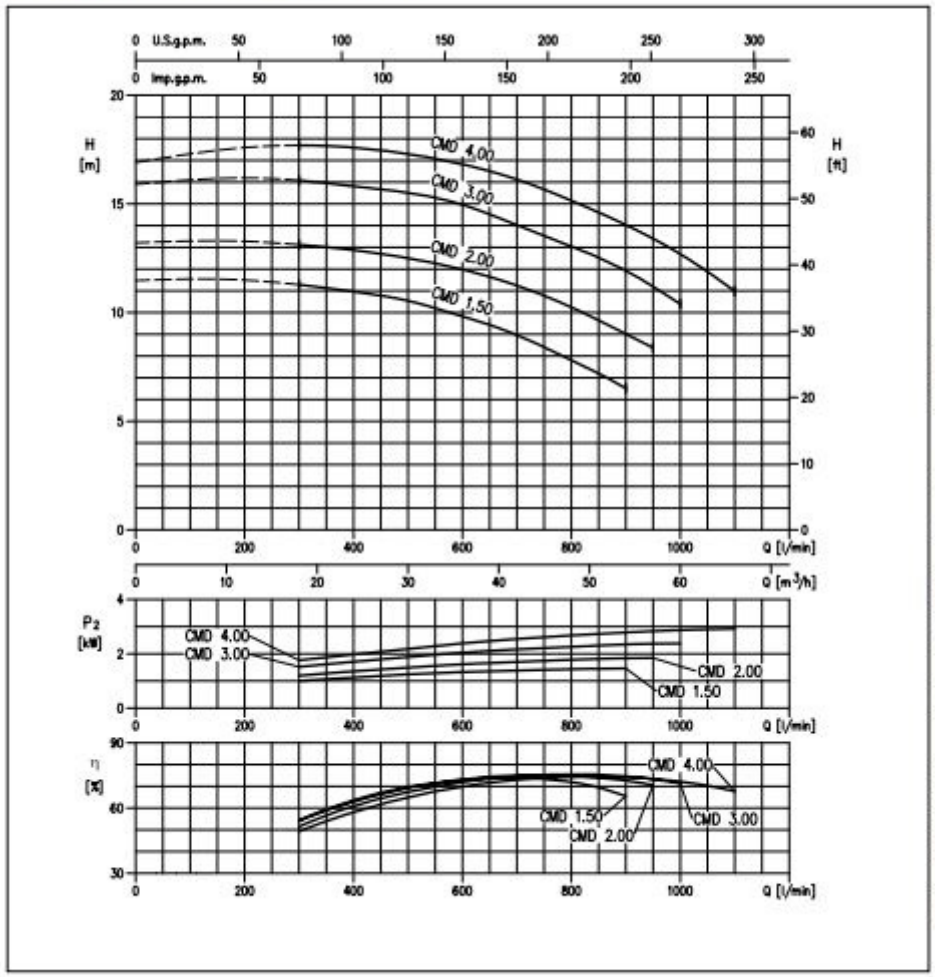
Curbe de performanta pentru gama CMB
(in concordanta cu ISO 9906 Axena A)



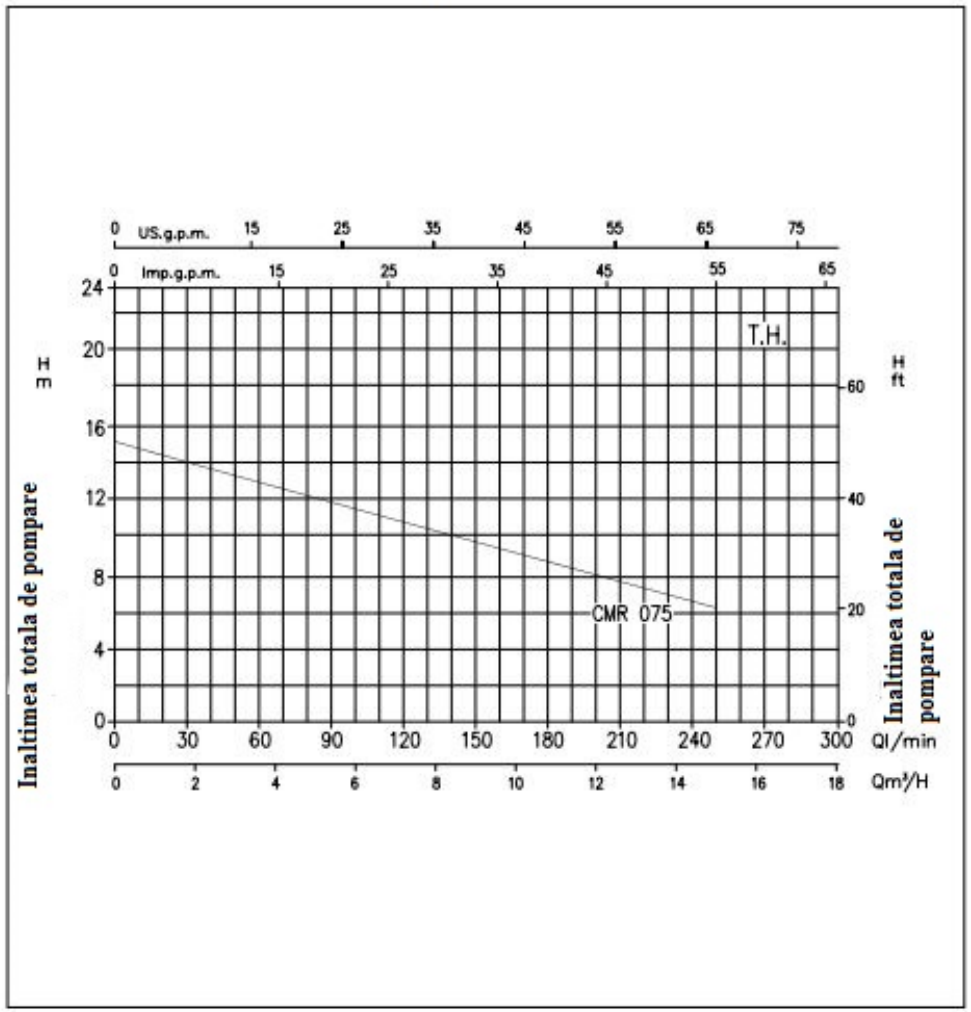
Curbe de performanta pentru gama CMC
(in concordanta cu ISO 9906 Anexa A)



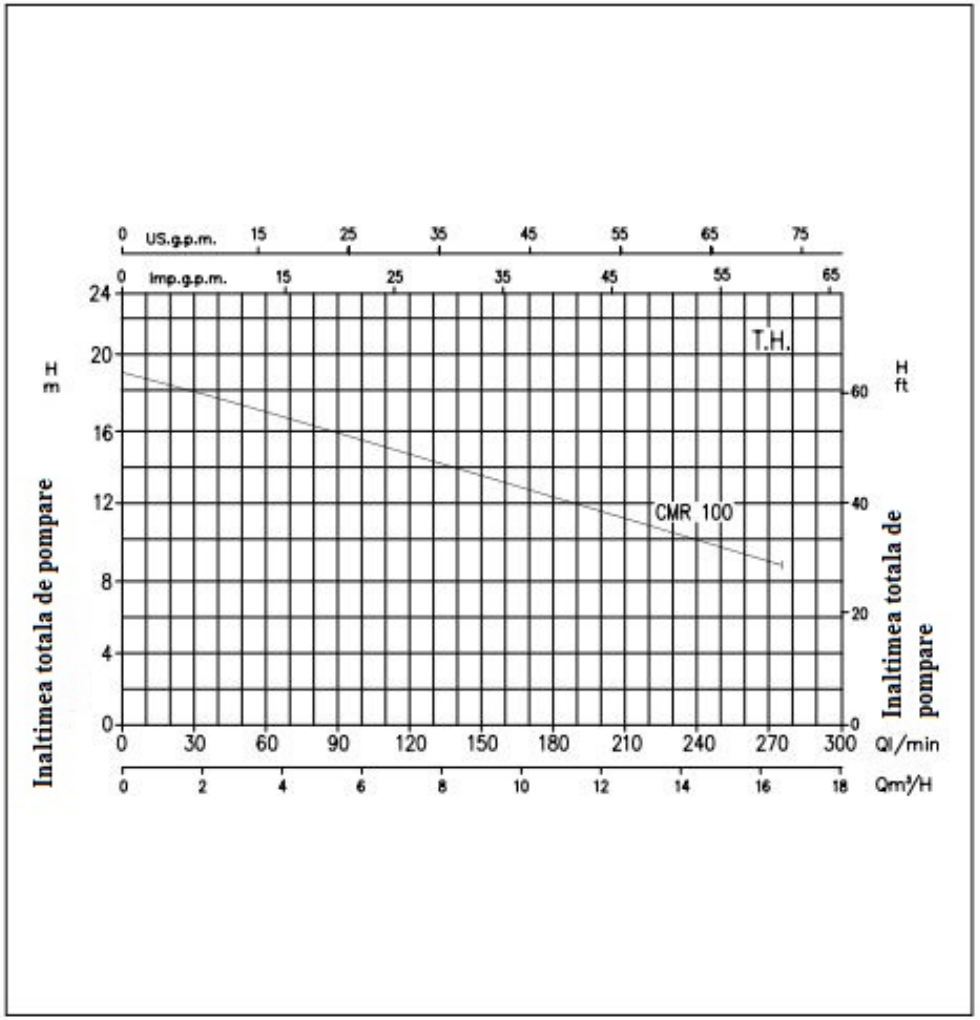
Curbe de performanta pentru gama CMD
(in concordanta cu IS 9906 Anexa A)



Curbe de performanta pentru gama CMR 0.75
(in concordanta cu ISO 9906 Anexa A)



Curbe de performanta pentru gama CMR 1.00
(in concordanta cu ISO 9906 Anexa A)



Date tehnice CMA

Model		**P_2**		**Q= Debit**									
Monofazat 230V	**Trifazat 230/400V**	**[HP]**	**[kW]**	**l/min** 20	40	60	80	85	90	95	110	120	140
				m^3/h 1.2	2.4	3.6	4.8	5.1	5.4	5.7	6.6	7.2	8.4
				H= inaltime de pompare [m]									
CMA 0.50M	CMA 0.50T	0.5	0.37	20.9	19.5	17.0	14.9	14.0	13.1	-	-	-	-
CMA 0.75M	CMA 0.75T	0.75	0.55	29.7	27.8	24.9	21.1	20.2	-	-	-	-	-
CMA 1.00M	CMA 1.00T	1	0.75	33.0	31.9	29.9	26.6	25.6	24.6	23.5	-	-	-
CMA 1.50M	CMA 1.50T	1.5	1.1	39.5	39.0	38.3	37.0	36.5	36.1	35.6	34.5	-	-
CMA 2.00M	CMA 2.00T	2	1.5	47.5	47.0	46.0	45.0	45.0	44.5	44.0	43.0	42.0	-
-	CMA 3.00T	3	2.2	53.0	52.5	51.0	495	49.0	49.0	48.5	46.5	45.5	42.5

Date tehnice CMB

Model		P_2		Q= Debit				
Monofazat 230V	**Trifazat 230/400 V**	**[HP]**	**[kW]**	l/min 100	150	200	250	280
				m^3/h 6	9	12	15.1	16.9
				H= inaltime de pompare [m]				
CMB 0.75M	CMB 0.75T	0.75	0.55	14.6	13.2	10.9	81.0	-
CMB 1.00M	CMB 1.00T	1	0.75	18.6	17.5	15.7	13.1	-
CMB 1.50M	CMB 1.50T	1.5	1.1	22.5	21.6	20.0	17.8	16.2
CMB 2.00M	CMB 2.00T	2	1.5	30.8	29.7	28.0	25.4	23.6
-	CMB 3.00T	3	2.2	35.4	34.4	32.7	30.2	28.5
-	CMB 4.00T	4	3	45.5	44.0	42.0	37.8	36.2
-	CMB 5.50T	5.5	4	57.0	56.0	53.5	50.5	48.0

Date tehnice CMC

Model		P_2		Q= Debit					
Monofazat 230V	**Trifazat 230/400 V**	**[HP]**	**[kW]**	l/min 50	100	200	300	400	450
				m^3/h 3	6	12	18.1	24.1	27.1
				H= inaltime de pompare [m]					
CMC 0.75M	CMC 0.75T	0.75	0.55	12.0	11.9	10.7	8.3	5.2	-
CMC 1.00M	CMC 1.00T	1	0.75	14.0	14.0	13.1	10.8	7.4	5.4

Date tehnice CMD

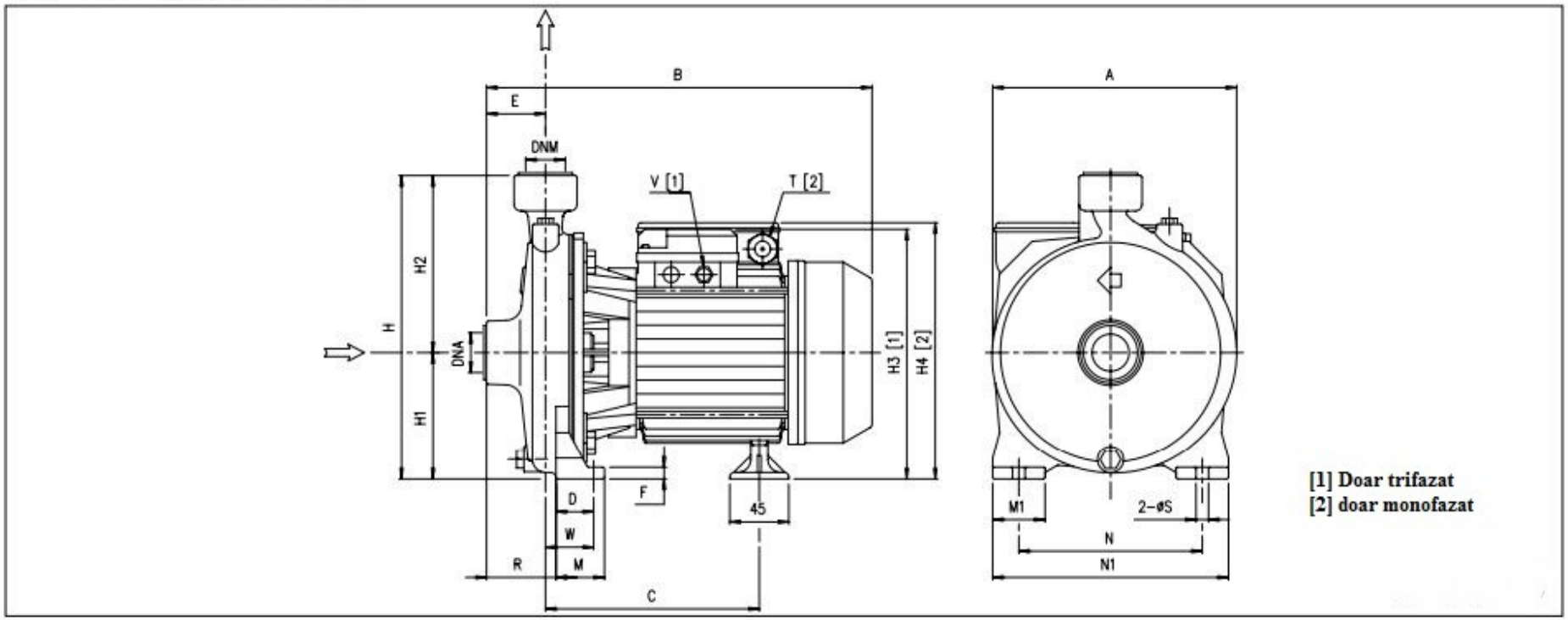
Model		**P_2**		**Q= Debit**						
Monofazat 230V	**Trifazat 230/400 V**	**[HP]**	**[kW]**	l/min 250	400	600	800	900	950	1000
				m^3/h 18	24	36	48	54	57	60
				H= inaltime de pompare [m]						
CMD 1.50M	CMD 1.50T	1.5	1.1	11.3	11.0	9.8	7.8	6.5	-	-
CMD 2.00M	CMD 2.00T	2	1.5	13.1	12.9	12.0	10.2	9.0	8.4	-
-	CMD 3.00T	3	2.2	16.1	15.8	15.0	13.1	11.9	11.2	10.4
-	CMD 4.00T	4	3	17.7	17.6	16.8	152.	14.0	13.4	12.7

Date tehnice CMR

Model		**P_2**		**Q= Debit**				
Monofazat 230V	**Trifazat 230/400 V**	**[HP]**	**[kW]**	l/min 50	100	200	250	275
				m^3/h 3	6	12	15	17.5
				H= inaltime de pompare [m]				
CMR 0.75M	CMR 0.75T	0.75	0.55	13.6	11.4	8.1	6.3	-
CMR 1.00M	CMR 1.00T	1	0.75	17.3	15.4	11.5	9.6	8.7

Dimensiuni pentru CMA-B-C-D

DIMENSIUNI CMA-B-C-D



TABEL DIMENSIUNI

Model	Dimensiuni [mm]																									Greutate [kg]	
	A	B		C		D	E	F	H	H1	H2	H3		H4	M	M1	N	N1	R	T	V		W	S	DN A	DN M		
			*		*							[1]	*	[2]						[2]	[1]	*						*
CMA 0.50 M	160	261.8	-	158.8	-	30	44	8	202	82	120	-	-	173	40	40	110	150	44	PG 11	-	-	30	9.5	G1	G1	7.2	-
CMA 0.50 T	160	261.8	-	158.8	-	30	44	8	202	82	120	172.5	-	-	40	40	110	150	44	-	PG 11	-	30	9.5	G1	G1	7.1	-
CMA 0.75 M	185	300.3	-	171.8	-	36.8	45	9	232	97	135	-	-	198	45	40	140	180	45	PG 11	-	-	36.8	9.5	G1	G1	10.3	-
CMA 0.75 T	185	300.3	-	171.8	-	36.8	45	9	232	97	135	197.5	-	-	45	40	140	180	45	-	PG 11	-	36.8	9.5	G1	G1	10.2	-
CMA 1.00 M	185	300.3	-	171.8	-	36.8	45	9	232	97	135	-	-	198	45	40	140	180	45	PG 11	-	-	36.8	9.5	G1	G1	11.5	-
CMA 1.00 T	185	300.3	300.3	171.8	171.8	36.8	45	9	232	97	135	197.5	197.5	-	45	40	140	180	45	-	PG 11	M16x1.5	36.8	9.5	G1	G1	11.6	11.6

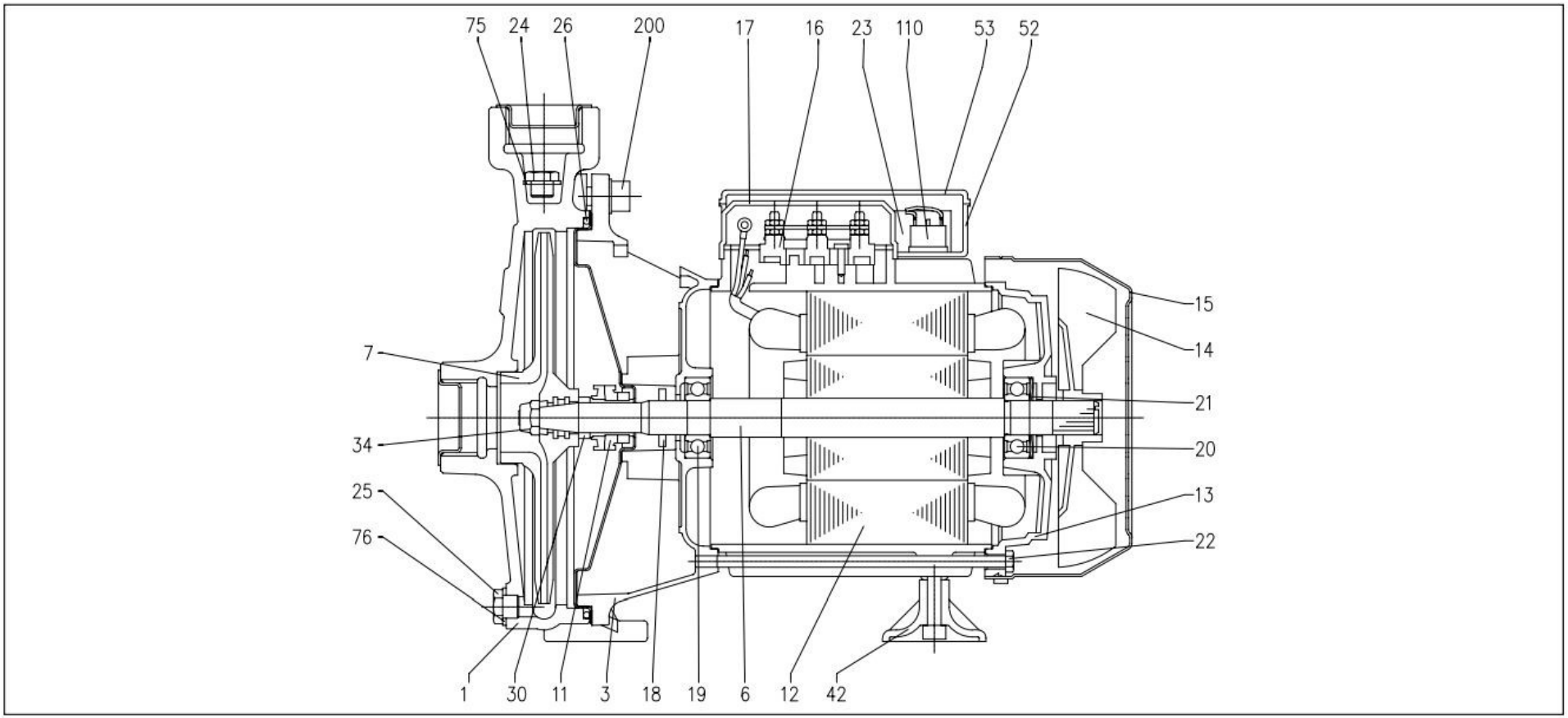
CMA 1.50 M	200	347.3	-	208.3	-	41.8	45.5	9	252	100	152	-	-	232	50	40	155	194	45.5	PG 13.5	-	-	41.8	9.5	G1 ¼	G1	19.5	-
CMA 1.50 T	200	347.3	372.3	208.3	208.3	41.8	45.5	9	252	100	152	214	214	-	50	40	155	194	45.5	-	PG 11	M20x1.5	41.8	9.5	G1 ¼	G1	19.9	20.8
CMA 2.00 M	225	360.3	-	208.3	-	41.8	45.5	9	285	115	170	-	-	247	50	40	180	220	45.5	PG 13.5	-	-	41.8	9.5	G1 ¼	G1	22.8	-
CMA 2.00 T	225	361	373.5	208.3	208.3	41.8	45.5	9	285	115	170	229	229	-	50	40	180	220	45.5	-	PG 11	M20x1.5	41.8	9.5	G1 ¼	G1	23.4	24.3
CMA 3.00 M	225	360.3	372.8	208.3	208.3	41.8	45.5	9	285	115	170	229	229	-	50	40	180	220	45.5	-	PG 11	M20x1.5	41.8	9.5	G1 ¼	G1	23.4	24.3
CMB 0.75 M	188	315.3	-	182.3	-	36.8	49.5	9	251.5	101.5	150	-	-	127.5	45	40	140	180	65.5	PG 11	-	-	52.8	9.5	G2	G1 ¼	11.6	-
CMB 0.75 T	188	315.3	-	182.3	-	36.8	49.5	9	251.5	101.5	150	127	-	-	45	40	140	180	65.5	-	PG 11	-	52.8	9.5	G2	G1 ¼	11.6	-
CMB 1.00	188	315.3	-	182.3	-	36.8	49.5	9	251.5	101.5	150	-	-	127.5	45	40	140	180	65.5	PG 11	-	-	52.8	9.5	G2	G1 ¼	13.7	-

M																												
CMB 1.00T	188	315.3	315.3	182.3	182.3	36.8	49.5	9	251.5	101.5	150	127	127	-	45	40	140	180	65.5	-	PG11	M16x1.5	52.8	9.5	G2	G1¼	13.7	13.7
CMB 1.50M	188	349.3	-	206.3	-	36.8	49.5	9	251.5	101.5	150	-	-	233.5	45	40	140	180	65.5	PG13.5	-	-	52.8	9.5	G2	G1¼	19.9	-
CMB 1.50T	188	349.3	374.3	206.3	206.3	36.8	49.5	9	251.5	101.5	150	215.5	215.5	-	45	40	140	180	65.5	-	PG11	M20x1.5	52.8	9.5	G2	G1¼	19.5	20.4
CMB 2.00M	200	373.3	-	209.3	-	36.8	57.5	9	271.5	111.5	160	-	-	243.5	45	40	160	200	76.5	PG13.5	-	-	55.8	9.5	G2	G1¼	21.0	-
CMB 2.00T	200	374	386.5	209.3	209.3	36.8	57.5	9	271.5	111.5	160	225.5	225.5	-	45	40	160	200	76.5	-	PG11	M20x1.5	55.8	9.5	G2	G1¼	22.0	22.9
CMB 3.00T	200	373.3	385.8	209.3	209.3	36.8	57.5	9	271.5	111.5	160	225.5	225.5	-	45	40	160	200	76.5	-	PG11	M20x1.5	55.8	9.5	G2	G1¼	21.3	22.2
CMB 4.00T	247	426	459	222.3	262.5	48	60	12	323.5	133.5	190	264.5	259.5	-	60	40	190	240	77.5	-	PG16	M20x1.5	65.5	12	G2	G1¼	37.7	37.7
CMB	247	469	469	222.3	222.3	48	60	12	323.5	133.5	190	264.5	264.5	-	60	40	190	240	77.5	-	PG16	M20x1	65.5	12	G2	G1¼	43.4	43.4

5.50 T																						.5						
CMC 0.75 M	186	313.3	-	186.8	-	36.8	43	9	247	97	150	-	-	198	45	40	140	180	63.5	PG 11	-	-	57.3	9.5	G2	G2	11.6	-
CMC 0.75 T	186	313.3	-	186.8	-	36.8	43	9	247	97	150	197.5	-	-	45	40	140	180	63.5	-	PG 11	-	57.3	9.5	G2	G2	11.6	-
CMC 1.00 M	186	313.3	-	186.8	-	36.8	43	9	247	97	150	-	-	198	45	40	140	180	63.5	PG 11	-	-	57.3	9.5	G2	G2	13.0	-
CMC 1.00 T	186	313.3	313.3	186.8	186.8	36.8	43	9	247	97	150	197.5	197.5	-	45	40	140	180	63.5	-	PG 11	M16x1.5	57.3	9.5	G2	G2	13.8	13.8
CMD 1.50 M	213	384.3	-	222.8	-	36.8	68	12	271.5	111.5	160	-	-	243.5	45	40	160	200	100.5	PG 13.5	-	-	69.3	9.5	G2 ½	G2 ½	21.3	-
CMD 1.50 T	213	384.3	409.3	222.8	222.8	36.8	68	12	271.5	111.5	160	225.5	225.5	-	45	40	160	200	100.5	-	PG 11	M20x1.5	69.3	9.5	G2 ½	G2 ½	22.2	23.1
CMD 2.00 M	213	397.3	-	222.8	-	36.8	68	12	271.5	111.5	160	-	-	243.5	45	40	160	200	100.5	PG 13.5	69.3	-	9.5	G	G2 ½	G2 ½	23.0	-
CM	21	398	410	222	222	36.	68	12	271	111	160	225	225	-	45	40	160	200	100	-	PG	M2	69.	9.5	G2	G2	23.	24.

D 2.00 T	3		.5	.8	.8	8			.5	.5		.5	.5						.5		11	0x1 .5	3		½	½	3	2
CM D 3.00 T	21 3	397 .3	409 .8	222 .8	222 .8	36. 8	68	12	271 .5	111 .5	160	225 .5	225 .5	-	45	40	160	200	100 .5	-	PG 11	M2 0x1 .5	69. 3	9.5	G2 ½	G2 ½	23. 0	23. 9
CM D 4.00 T	21 3	449 .3	-	234 .8	-	36. 8	68	12	271 .5	111 .5	160	354	-	-	45	40	160	200	100 .5	-	PG 16	-	69. 3	9.5	G2 ½	G2 ½	34. 3	-
CM R 0.75 M	18 0	310	-	182	-	37	45	9	229	97	132	198	198	198	45	45	140	180	61	PG 11	PG 11	-	52	10	G2 ½	G1 ½	10. 7	-
CM R 8.75 T	18 0	310	-	182	-	37	45	9	229	97	132	198	198	198	45	45	140	180	61	PG 11	PG 11	-	52	10	G2 ½	G1 ½	10. 7	-
CM R 1.00 M	18 0	310	310	182	-	37	45	9	229	97	132	198	198	198	45	45	140	180	61	PG 11	PG 11	M1 6x1 .5	52	10	G2 ½	G1 ½	11. 9	-
CM R 1.00 T	18 0	310	310	182	-	37	45	9	229	97	132	198	198	198	45	45	140	180	61	PG 11	PG 11	M1 6x1 .5	52	10	G2 ½	G1 ½	12. 7	12. 7

VEDERE IN SECTIUNE CMA-B-C-D pana la 1.00 HP



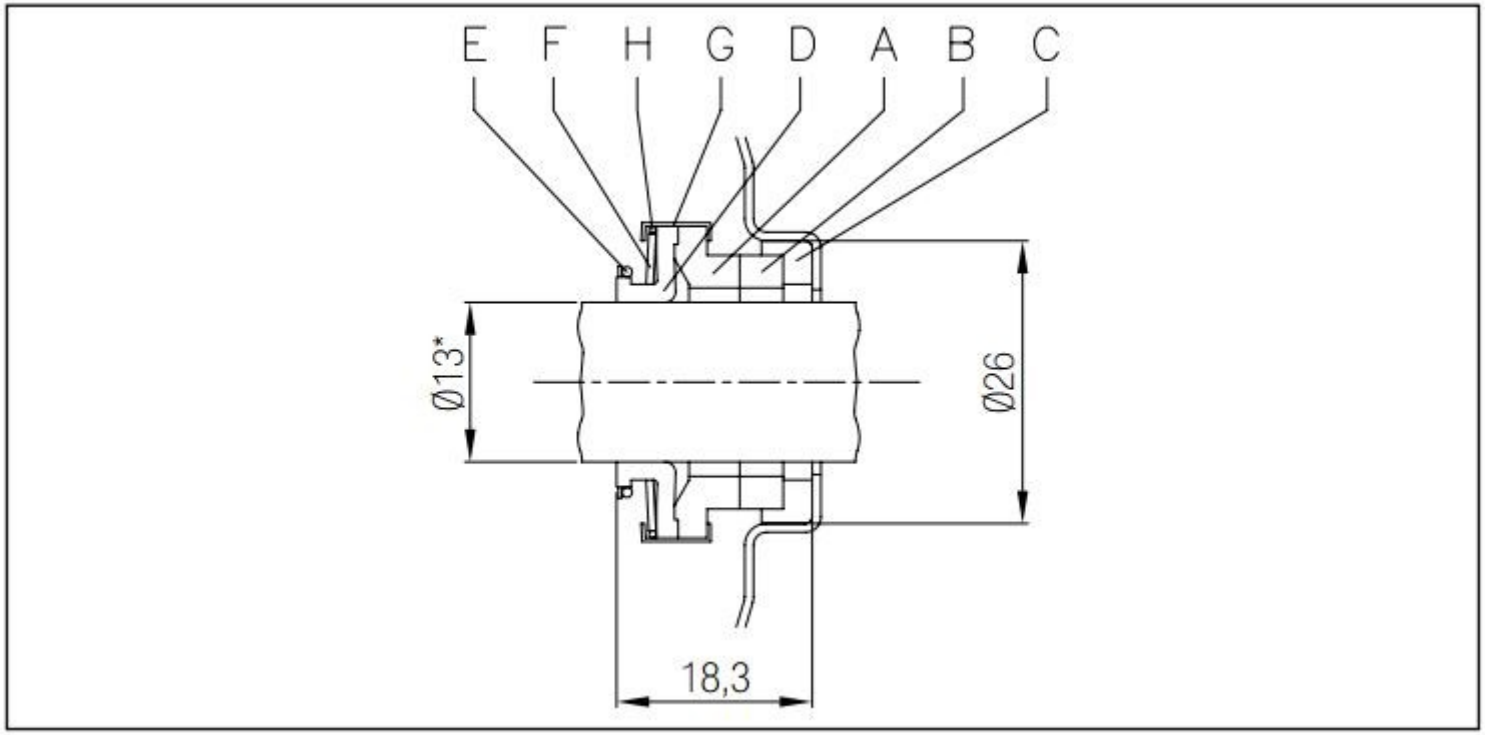
Ref.	Nume	Material
1	Corpul pompei	Fonta cenusie
3	Suport motor	Aluminiu
4	Etansare disc carcasa	AISI 304
6	Ax	[3]

7	Rotor	[4]
11	Etansare mecanica	Carbon/ Ceramica/ NBR
12	Carcasa motorului cu stator	-
13	Invelis motor	Aluminiu
14	Ventilator	PA6
15	Invelis ventilator	Fier P04 galvanizat
16	Cutie cu borne	-
17	Invelisul cutiei cu borne [1]	Aluminiu
18	Inel protector cu Spray	NBR
19	Rulment (la partea pompei)	-
20	Rulment (la partea motorului)	-
21	Inel de ajustare	Otel C70
22	Bulon de ancorare	Fier 42 galvanizat
23	Capacitor [2]	-
24	Capac de umplere	Alama
25	Buson de golire	Alama
26	O-Ring-uri	NBR
30	Despartitor etansare	Alama
34	Piulita rotor	AISI 304
42	Picior	PP
52	Suportul cutiei capacitorului [2]	ABS
53	Invelisul suportului cutiei capacitorului [2]	ABS
75	Saiba	Aluminiu
76	Saiba	Aluminiu

110	Aparator [2]	-
200	Bolt (corpul pompei)	Otel inoxidabil-zinc Cl.8.8 ISO 898-1

[1]= Doar trifazat
[3]= AISI 416 (integral) pentru CMA 0.50, AISI 303 (piesa in contact cu lichidul) pentru restul modelelor
[5]= CMA 0.50, CMB 0.75 – 1.00, CMC 0.75 – 1.00
[2]= Doar monofazat
[4]= PPE+PS ranforsat cu: fibra de sticla pentru CMA, fonta cenusie pentru CMB, CMC
[6]= Exceptand CMA 0.50

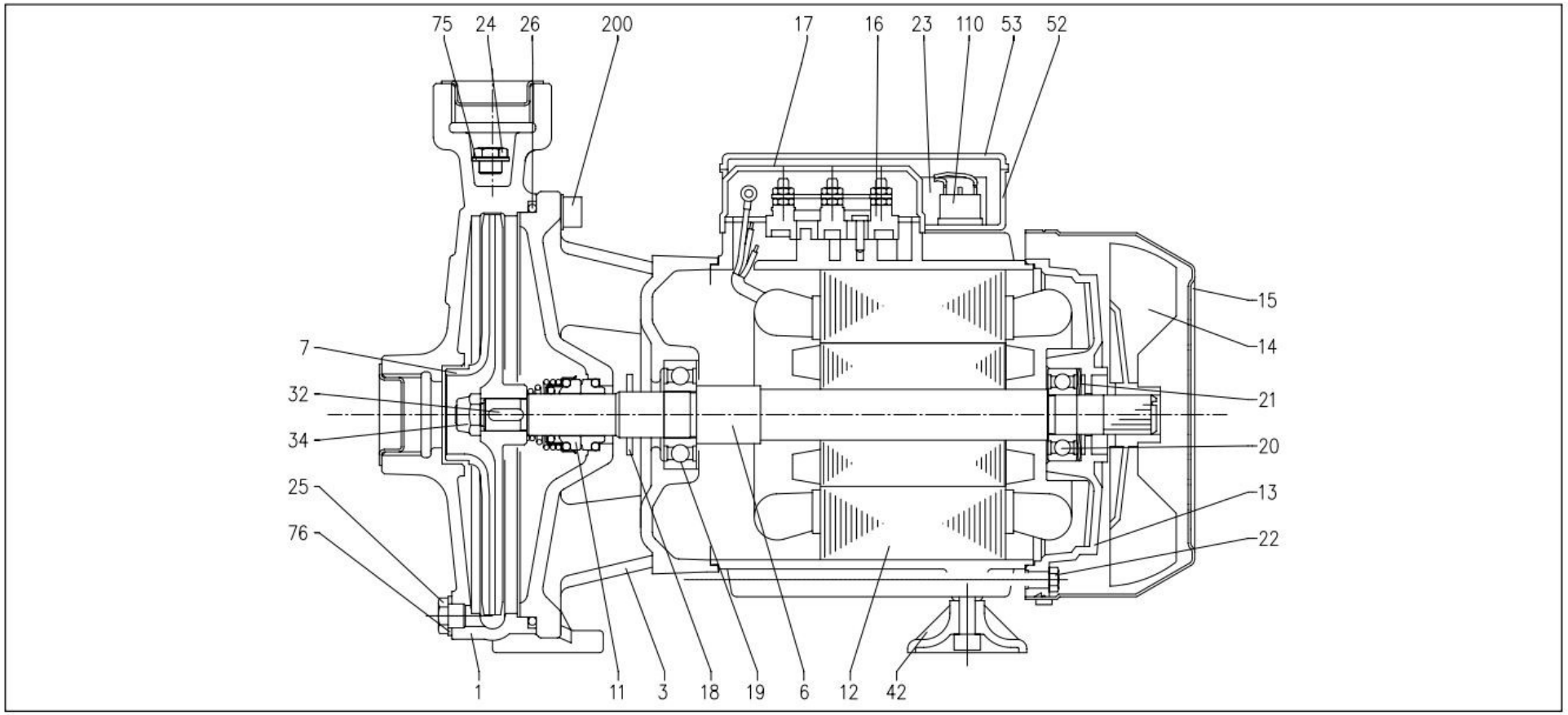
ETANSARE MECANICA CMA-B-C-D pana la 1.00 HP



TABEL MATERIALE

Ref.	Nume	Material
A	Piesa rotativa	Carbon
B	Piesa fixa	Ceramica
C	Garnitura	NBR
D	Diafragma	NBR
E	Inel	AISI 304
F	Arc	AISI 304
G	Structura/ Cadru	AISI 304
H	Inel de retentie	AISI 304

VEDERE IN SECTIUNE CMA-B-C-D pana la 1.50 HP



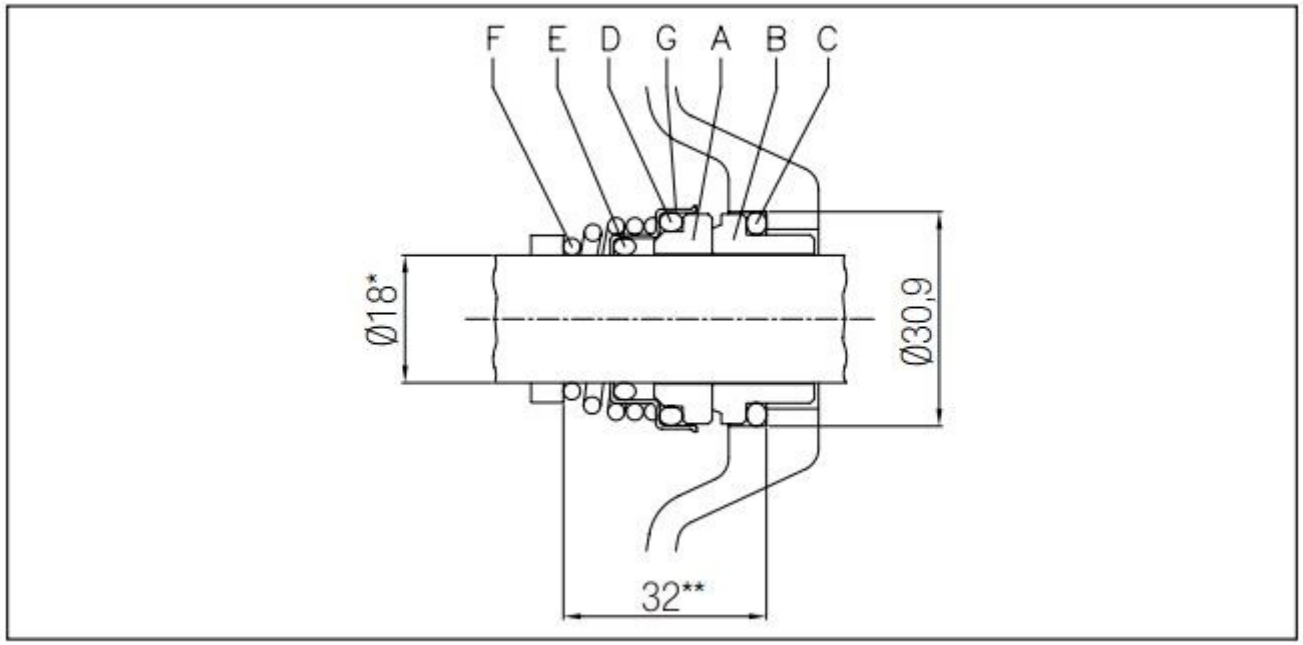
TABEL MATERIALE

Ref.	Nume	Material
1	Corpul pompei	Fonta cenusie
3	Suport motor	Fonta cenusie
6	Axul rotorului	[3]
7	Rotor	[4]
11	Etansare mecanica	Carbon/ Ceramica/ NBR
12	Carcasa motor	-
13	Invelis motor [1]	Aluminiu
14	Ventilator	PA6
15	Invelis ventilator	Fier P04 galvanizat
16	Cutie cu borne	-
17	Invelisul cutiei cu borne [1]	Aluminiu
18	Inel protector cu Spray	NBR
19	Rulment (la poartea pompei)	-
20	Rulment (la partea motorului)	-
21	Inel de ajustare	Otel C70
22	Bulon de ancorare	Fier 42 galvanizat
23	Capacitor [2]	-
24	Capac de umplere	Alama
25	Buson de golire	Alama
26	O-Ring-uri	NBR
32	Lagar	AISI 316
34	Piulita rotor	AISI 304
42	Picior	PP

52	Suportul cutiei capacitorului [2]	ABS
53	Invelisul suportului cutiei capacitorului [2]	ABS
75	Saiba	Aluminiu
76	Saiba	Aluminiu
110	Protector motor	-
200	Bolt (corpul pompei)	Otel inoxidabil – Zinc Cl.8.8 ISO 898-1

[1]= Doar trifazat
[3]= AISI 303 (piesa in contact cu lichidul) pentru CMA, CMB 1.50 – 2.00 – 3.00, CMD 1.50 – 2.00 – 3.00, AISI 304 (piesa in contact cu lichidul) pentru CMB 4.00 – 5.50, CMD 4.00
[4]= Alama pentru CMA, CMB 2.00 – 3.00 – 4.00 – 5.50, fonta cenusie pentru CMB 1.50, CMD

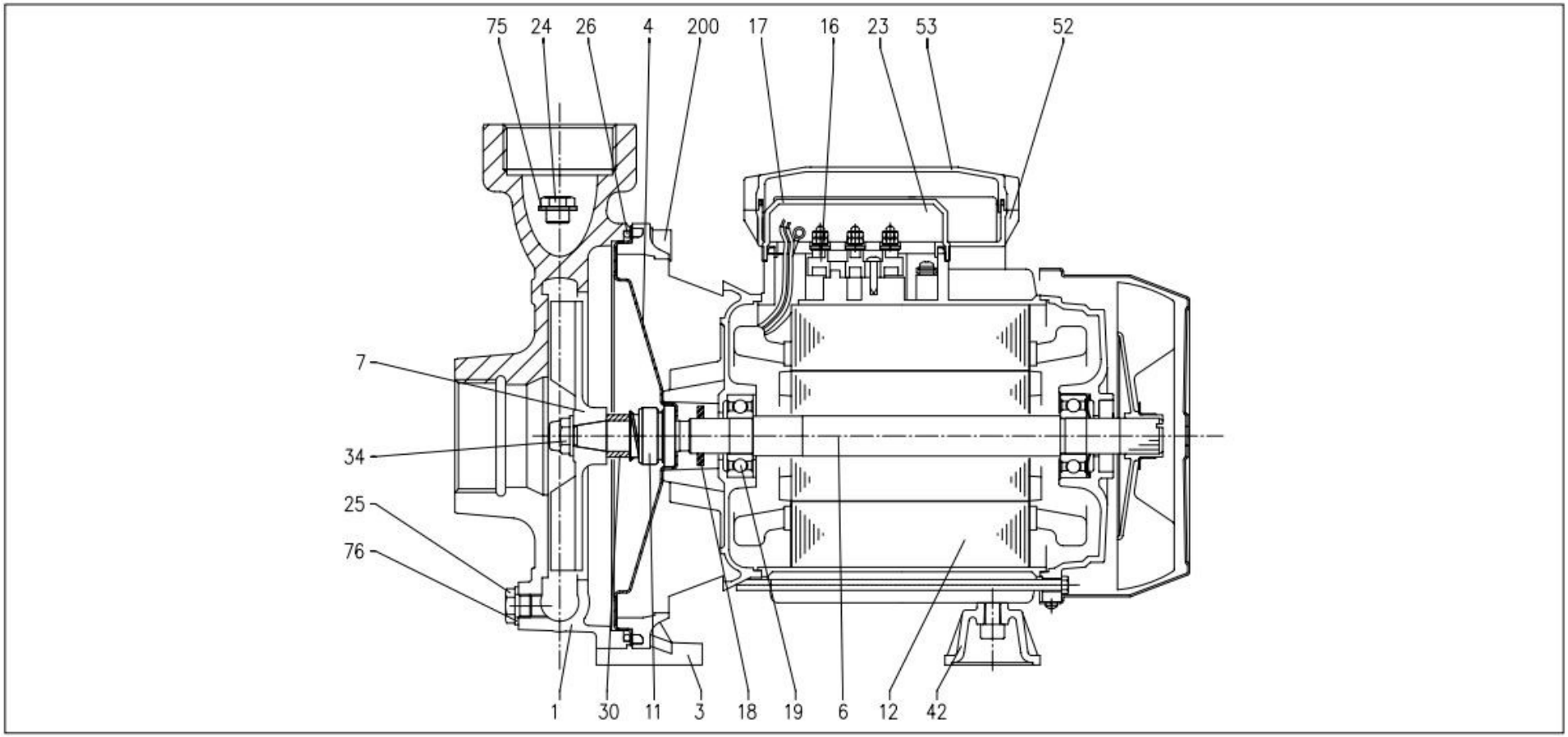
ETANSARE MECANICA CMA-B-C-D pana la 1.50 HP



TABEL MATERIALE

Ref.	Nume	Material
A	Piesa rotativa	Ceramica
B	Piesa fixa	Carbon
C	O-Ring	NBR
D	O-Ring	NBR
E	O-Ring	NBR
F	Arc	AISI 316
G	Structura/ Cadru	AISI 304

VEDERE IN SECTIUNE CMR



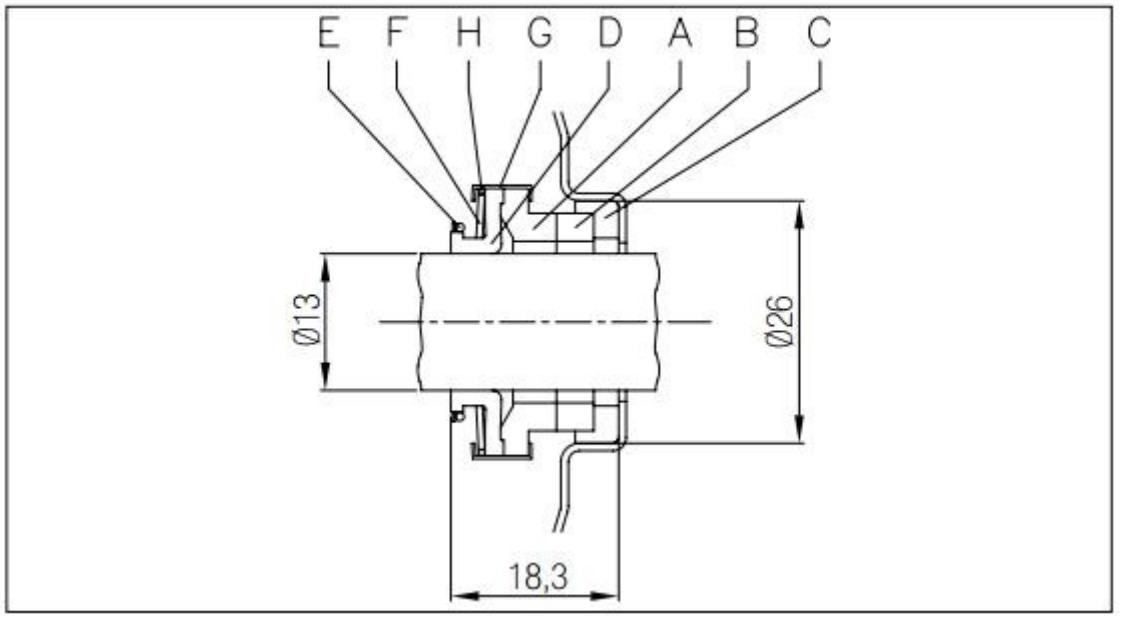
TABEL MATERIALE

Ref.	Nume	Material
1	Corpul pompei	Fonta cenusie
3	Suport motor	Aluminiu
4	Etansare disc carcasa	AISI 304
6	Ax rotor	AISI 303 (piesa in contact cu lichidul)
7	Rotor	Alama
11	Etansare mecanica	Carbon/ Ceramica/ NBR
12	Carcasa motor	-
13	Invelis motor [1]	Aluminiu
14	Ventilator	PP
15	Invelis ventilator	Fier P04 galvanizat
16	Cutie cu borne	-
17	Invelis Cutie cu borne [1]	Aluminiu
18	Inel protector cu spray	NBR
19	Rulment (la partea pompei)	-
20	Rulment (la partea motorului)	-
21	Inel de ajustare	Otel C70
22	Bulon de ancorare	Fier 42 galvanizat
23	Capacitor [2]	-
24	Capac de umplere	Alama
25	Buson de golire	Alama
26	O-Ring	NBR
30	Despartitor etansare	Alama

34	Piulita rotor	AISI 304
42	Picior	PP
52	Suportul cutiei capacitorului [2]	ABS
53	Invelisul suportului cutiei capacitorului [2]	ABS + NBR
75	Saiba	Aluminiu
76	Saiba	Aluminiu
200	Bolt (corpul pompei)	Otel inoxidabil – Zinc Cl.8.8 ISO 898-1

[1]= Doar trifazat
[2]= Doar monofazat

ETANSARE MECANICA CMR



TABEL MATERIALE

Ref.	Nume	Material
A	Piesa rotativa	Carbon
B	Piesa fixa	Ceramica
C	Gasket	NBR
D	Diafragma	NBR
E	Inel	AISI 304
F	Arc	AISI 304
G	Structura/ Cadru	AISI 304
H	Inel de retentie	AISI 304

TABEL DATE ELECTRICE CMA-B-C-D-CMR

Model		**P_2**		**Eficienta**		**Capacitor**		**Eficienta (%)**			**P_1**		**Curent absorbit**		
Monofazat	**Trifazat**	**[HP]**	**[kW]**	**Monofazat**	**Trifazat**	**Monofazat**		**η %**			**Monofazat**	**Trifazat**	**Monofazat**	**Trifazat**	
230 V	**230/ 400 V**					**µF**	**V_c**	**50 %**	**75 %**	**100 %**	**[kW]**	**[kW]**	**230 V**	**230 V**	**400V**
CMA 0.50M	CMA 0.50T	0.5	0.37	-	-	10	450	-	-	-	0.66	0.63	3.2	2.4	1.4
CDA 0.75M	CMA 0.75T	0.75	0.55	-	-	16	450	-	-	-	1.02	0.97	4.7	3.2	1.8
CMA 1.00M	CMA 1.00T	1	0.75	-	IE2	20	450	77.2	80.9	81.3	1.35	1.11	6.2	3.4	2.0
-		1	0.75	-	IE3	-	-	80.9	82.3	82.1	-	0.91	-	3.0	1.7
CMA	CMA	1.5	1.1	-	IE2	40	450	79.7	82.5	83.0	1.73	1.80	8.0	5.6	3.2

1.50M	1.50T														
-	CMA 1.50T	1.5	1.1	-	IE3	-	-	83.0	85.8	85.6	-	1.77	-	5.8	3.3
CMA 2.00M	CMA 2.00T	2	1.5	-	IE2	40	450	80.3	83.4	83.8	2.4	2.33	10.3	7.6	4.4
-		2	1.5	-	IE3	-	-	84.2	86.8	86.9	-	2.01	-	7.1	4.1
-	CMA 3.00T	3	2.2	-	IE2	-	-	83.0	84.4	83.8	-	2.77	-	8.5	4.9
-		3	2.2	-	IE3	-	-	86.2	87.0	86.0	-	2.55	-	8.2	4.7
CMB 0.75M	CMB 0.75T	0.75	0.55	-	-	14	450	-	-	-	0.98	0.95	4.5	3.0	1.7
CMB 1.00M	CMB 1.00T	1	0.75	-	IE2	20	450	77.2	80.9	81.3	1.33	1.17	6.0	3.4	2.0
-		1	0.75	-	IE3	-	-	80.9	82.3	82.1	-	0.91	-	3.0	1.7
CMB 1.50M	CMB 1.50T	1.5	1.1	-	IE2	40	450	79.7	82.5	83.0	1.77	1.80	8.2	5.6	3.2
-		1.5	1.1	-	IE3	-	-	83.0	85.8	85.6	-	1.77	-	5.8	3.3
CMB 2.00M	CMB 2.00T	2	1.5	-	IE2	40	450	80.3	83.4	83.8	2.3	2.09	10.3	7.0	4.0
-		2	1.5	-	IE3	-	-	84.2	86.8	86.9	-	2.01	-	7.1	4.1
-	CMB 3.00T	3	2.2	-	IE2	-	-	83.0	84.4	83.8	-	2.63	-	8.2	4.7
-		3	2.2	-	IE3	-	-	86.2	87.0	86.0	-	2.55	-	8.2	4.7
-	CMB 4.00T	4	3	-	IE2	-	-	83.1	86.3	86.8	-	3.76	-	11.8	6.8
-		4	3	-	IE3	-	-	85.9	87.5	87.1	-	3.44	-	11.1	6.4
CMC 0.75M	CMB 5.50T	5.5	4	-	IE2	-	-	84.3	87.2	87.8	-	4.56	-	15.1	8.7
CMC 1.00M	CMB 5.50T	5.5	4	-	IE3	-	-	85.8	88.3	88.4	-	4.52	-	15.1	8.7

-	CMC 0.75T	0.75	0.55	-	-	14	450	-	-	-	0.92	0.9	4.2	2.8	1.6
CMD 1.50M	CMC 1.00T	1	0.75	-	IE2	20	450	77.2	80.9	81.3	1.15	0.92	5.3	3.0	1.7
-		1	0.75	-	IE3	-	-	80.9	82.3	82.1	-	0.91	-	3.0	1.7
CMD 2.00M	CMD 1.50T	1.5	1.1	-	IE2	40	450	79.7	82.5	83.0	1.86	1.80	8.5	5.6	3.2
-		1.5	1.1	-	IE3	-	-	83.0	85.8	85.6	-	1.77	-	5.8	3.3
-	CMD 2.00T	2	1.5	-	IE2	40	450	80.3	83.4	83.8	2.3	2.09	10.3	7.0	4.0
-		2	1.5	-	IE3	-	-	84.2	86.8	86.9	-	2.01	-	7.1	4.1
-	CMD 3.00T	3	2.2	-	IE2	-	-	83.0	84.4	83.8	-	2.63	-	8.2	4.7
-		3	2.2	-	IE3	-	-	86.2	87.0	86.0	-	2.55	-	8.2	4.7
-	CMD 4.00T	4	3	-	IE2	-	-	83.1	86.3	86.8	-	3.46	-	11.3	6.5
-		4	3	-	IE3	-	-	-	-	-	-	-	-	-	-
CMR 0.75M	CMR 0.75T	0.55	0.75	-	-	14	450	-	-	-	0.84	0.8	3.8	2.8	1.6
CDA 1.00M	CMR 1.00T	0.75	1	-	IE2	20	450	77.2	80.9	81.3	1.07	0.92	4.85	2.9	1.7
-		0.75	1	-	IE3	-	-	80.9	82.3	82.1	-	0.91	-	3.0	1.7

TABEL DATE ZGOMOT

Model		P_2		L_{pA}-dB(A)*
Monofazat	**Trifazat**	**[HP]**	**[kW]**	
230 V	**230/ 400 V**			
CMA 0.50 M	CMA 0.50 T	0.5	0.37	<70
CMA 0.75 M	CMA 0.75 T	0.75	0.55	
CMA 1.00 M	CMA 1.00 T	1	0.75	
CMA 1.50 M	CMA 1.50 T	1.5	1.1	
CMA 2.00 M	CMA 2.00 T	2	1.5	
-	CMA 3.00 T	3	2.2	
CMB 0.75 M	CMB 0.75 T	0.75	0.55	<70
CMB 1.00 M	CMB 1.00 T	1	0.75	
CMB 1.50 M	CMB 1.50 T	1.5	1.1	
CMB 2.00 M	CMB 2.00 T	2	1.5	
-	CMB 3.00 T	3	2.2	
-	CMB 4.00 T	4	3	72
-	CMB 5.50 T	5.5	4	
CMC 0.75 M	CMC 0.75 T	0.75	0.55	<70
CMC 1.00 M	CMC 1.00 T	1	0.75	
CMD 1.50 M	CMD 1.50 T	1.5	1.1	<70
CMD 2.00 M	CDA 2.00 T	2	1.5	
-	CMD 3.00 T	3	2.2	
-	CMD 4.00 T	4	3	72
CMR 0.75 M	CMR 0.75 T	0.75	0.55	<70
CMR 1.00 M	CMR 1.00 T	1	0.75	

*Nivelul mdiu de zgomot masurat la 1 m de pompa.
Toleranta ± 2.5 dB.