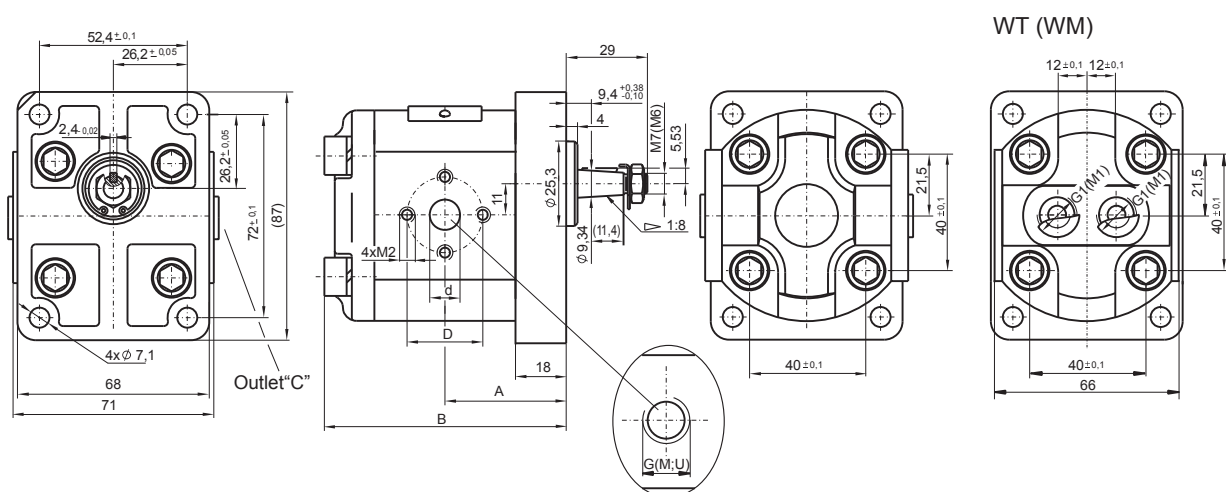




Pompe hidraulice cu roti dintate Grupa 1 - IDT

Caracteristici:

- Viscositate ulei: recomandata 20 – 60 mm²/s (adminisbila 6 – 200 mm²/s)
- Temperatura ulei: recomandata 30 – 50 °C (maxim: -25 - +80 °C)
- Grad de filtrare: 25 µm;
- Presiune absorbtie: 0,8 – 2,2 bar
- Viteza recomandata ulei: absorbtie 0,3 – 1,3 ms/a | evacuare: 2 – 5,5 m/s



Tip	Volum geometric cm ³ /rot	Presiune max. bar	Viteza max. rpm	Dimensiuni	
				A mm	B mm
A/C1X....	1	250	3500	39,5	82,3
A/C1,25X....	1,25	250	3500	39,9	83
A/C1,6X....	1,6	250	3500	40,3	84
A/C2X3....	2	250	3500	41,1	85,5
A/C2,5X....	2,5	250	3500	42,1	87,5
A/C3,15X....	3,15	250	3500	43,4	90,4
A/C3,65X....	3,65	250	3500	44,4	92,4
A/C4,2X....	4,2	250	3000	45,5	94,5
A/C5,1X....	5,1	250	3000	47,1	97,5
A/C5,7X....	5,7	200	2500	48,5	100,5

Tip	Volum geometric	Presiune max.	Viteza max.	Dimensiuni	
				A	B
	cm ³ /rot	bar	rpm	mm	mm
A/C6,1X....	6,1	200	2500	49,4	102,2
A/C7X....	7	180	2000	51,2	106

Tip	Racord absorbtie								Racord evacuale							
	D	d	M2	M	G	U	G1	M1	D	d	M1	M	G	U	G1	M1
A/C1X....	Ø30	Ø12	M6	M16x1,5	G3/8"	3/4"-16UNF-2B	G 3/8"	M16 x 1,5	Ø30	Ø12	M6	M16x1,5	G3/8"	9/16"-18UNF-2B	G 1/4"	M14 x 1,5
A/C1,25X....	Ø30	Ø12	M6	M16x1,5	G3/8"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C1,6X....	Ø30	Ø12	M6	M16x1,5	G3/8"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C2X3....	Ø30	Ø12	M6	M16x1,5	G3/8"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C2,5X....	Ø30	Ø12	M6	M16x1,5	G3/8"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C3,15X....	Ø30	Ø12	M6	M20x1,5	G1/2"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C3,65X....	Ø30	Ø12	M6	M20x1,5	G1/2"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C4,2X....	Ø30	Ø12	M6	M20x1,5	G1/2"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C5,1X....	Ø30	Ø12	M6	M20x1,5	G1/2"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C5,7X....	Ø30	Ø12	M6	M20x1,5	G1/2"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C6,1X....	Ø30	Ø12	M6	M20x1,5	G1/2"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C7X....	Ø30	Ø12	M6	M20x1,5	G1/2"				Ø30	Ø12	M6	M16x1,5	G3/8"			
A/C1X....	Ø30	Ø12	M6	M20x1,5	G1/2"				Ø30	Ø12	M6	M16x1,5	G3/8"			

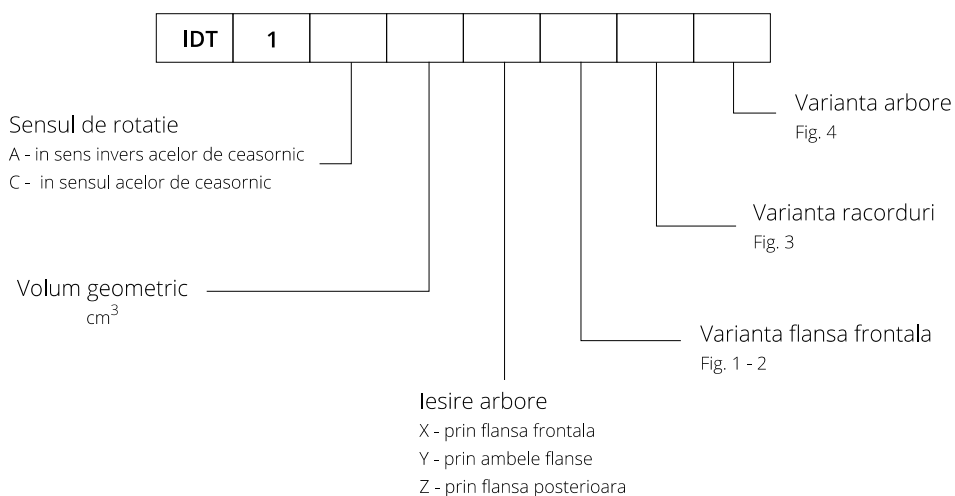


Figura 1: Variante de flansa frontala

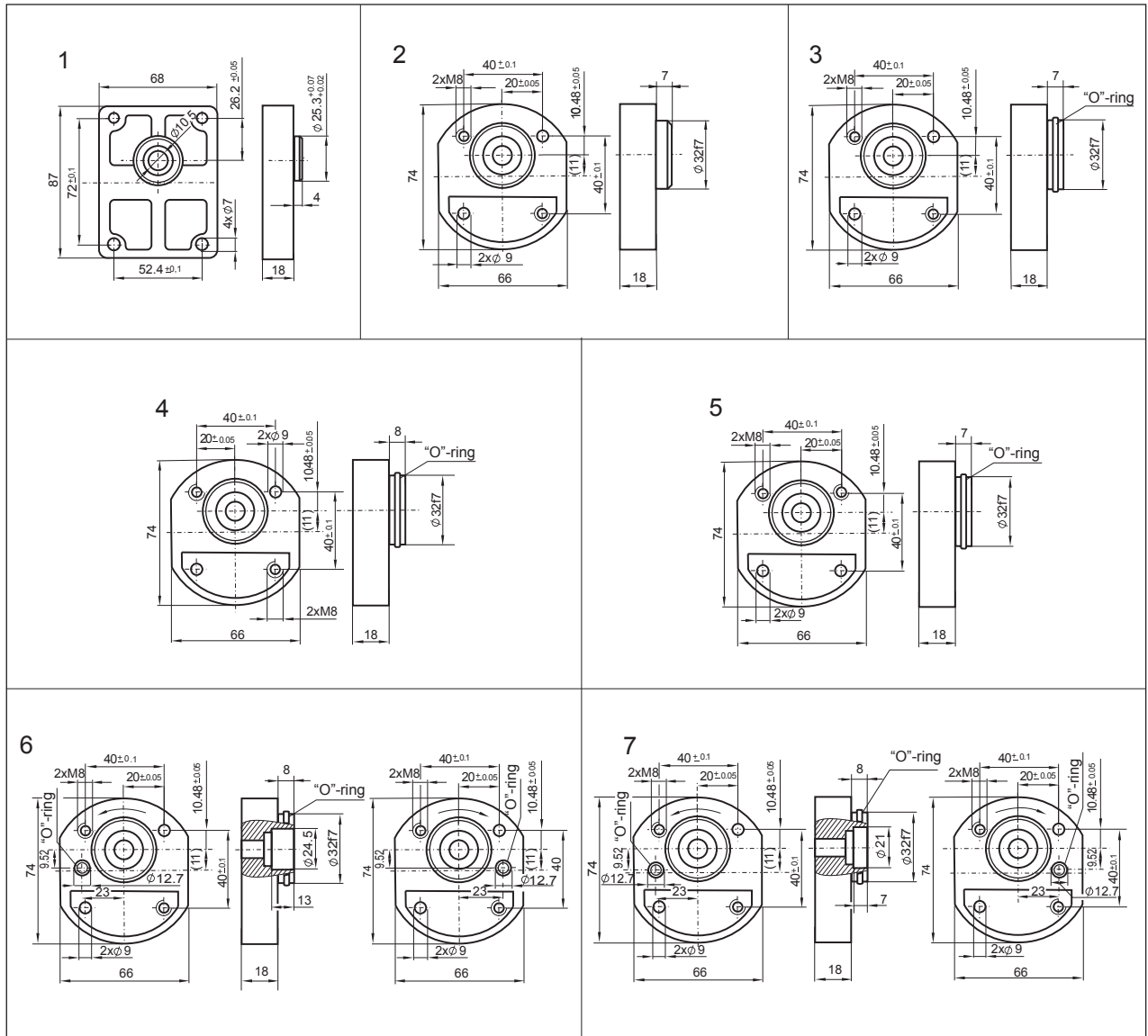


Figura 2: Variante de flansa frontala

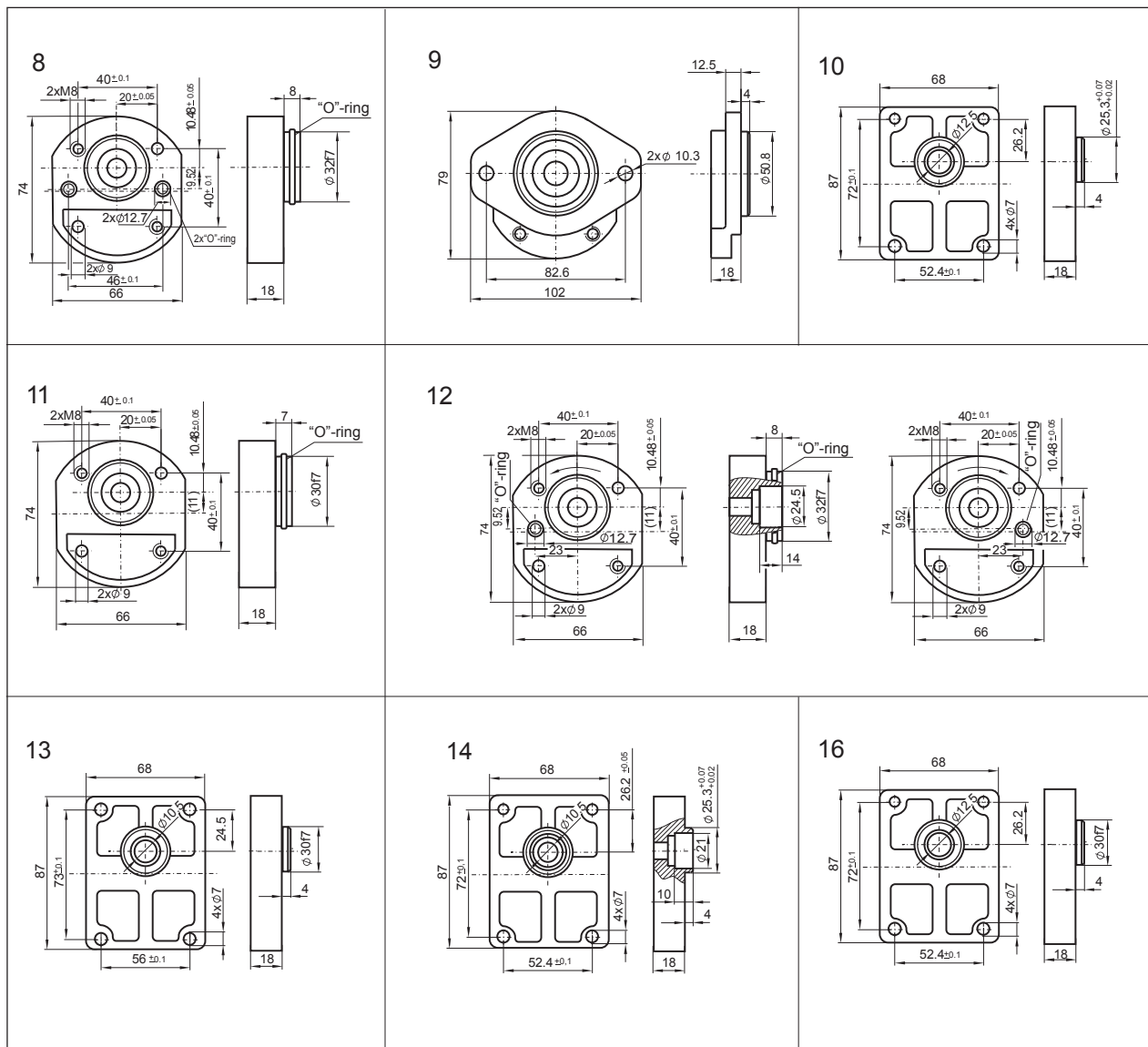


Figura 3: Variante racorduri

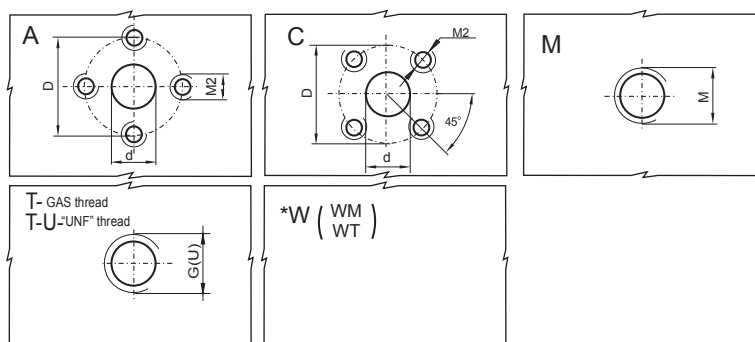
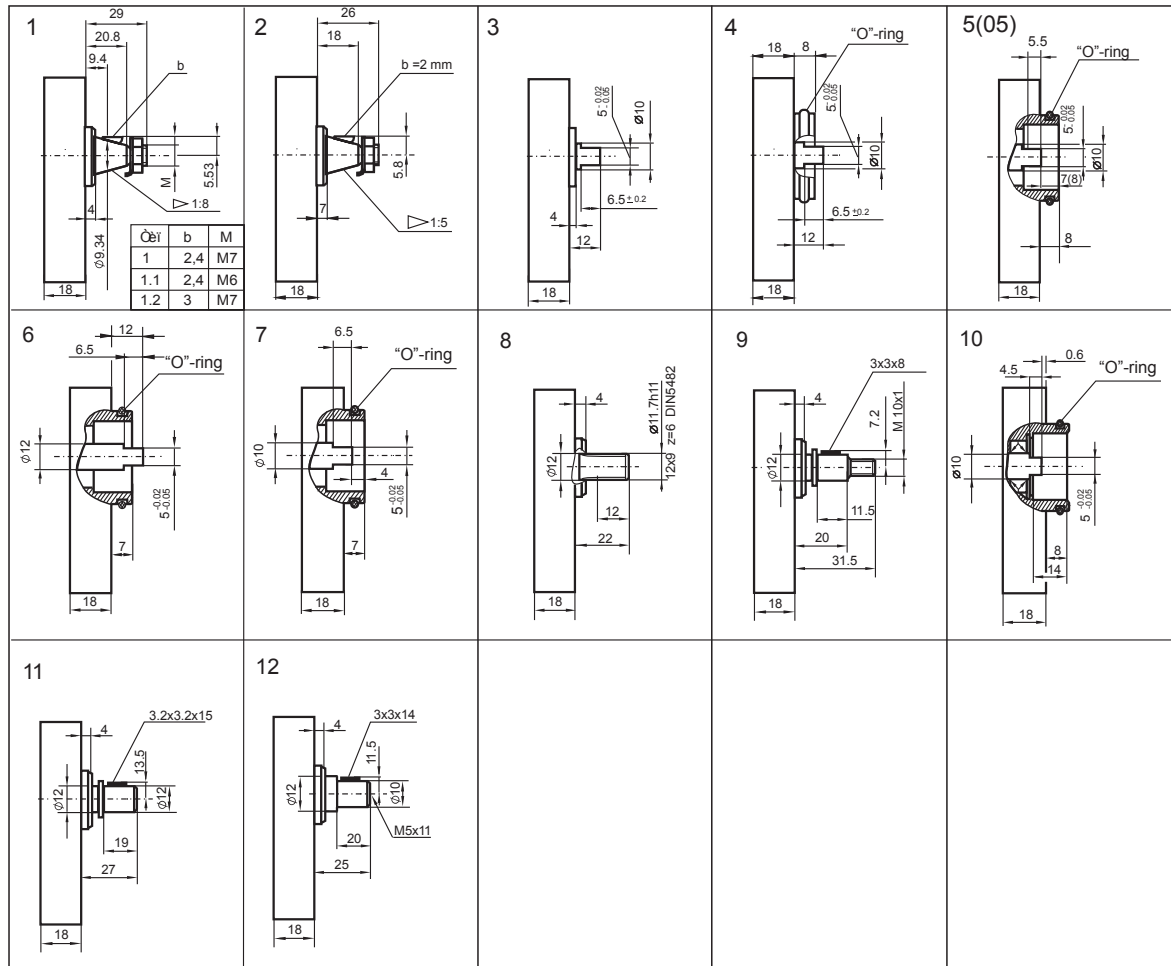
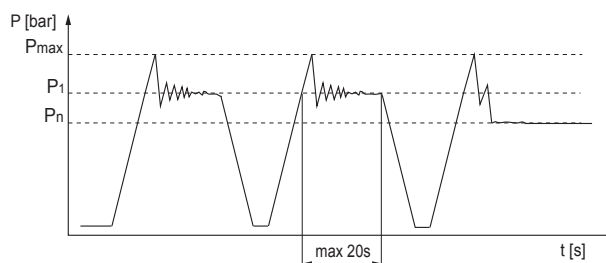


Figura 4: Variante arbori





P_{max} – presiunea maxima (de varf)

$P_1 = P_n + 10 \text{ bar}$ – presiune de lucru in regim intermitent

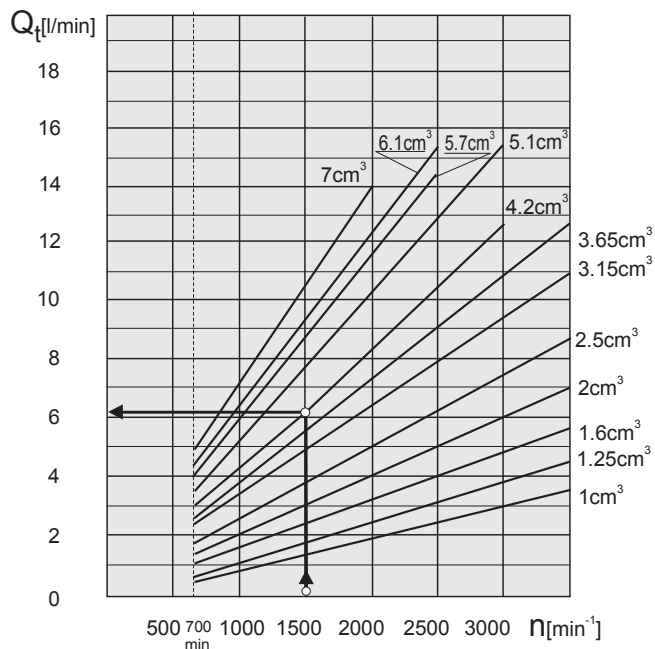
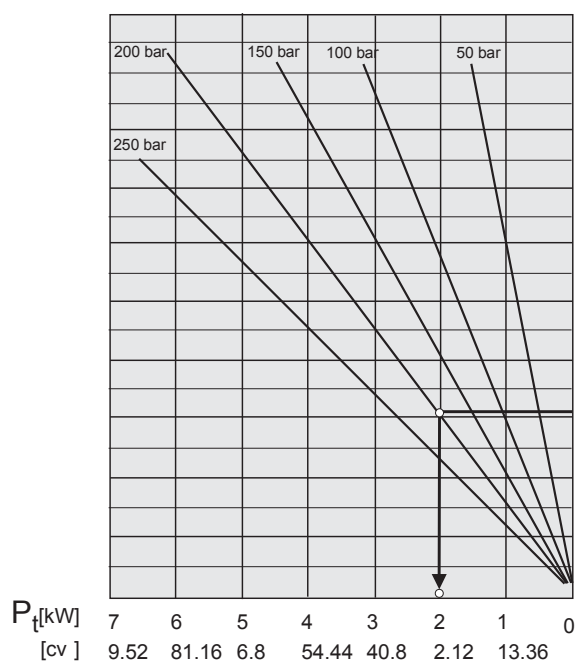
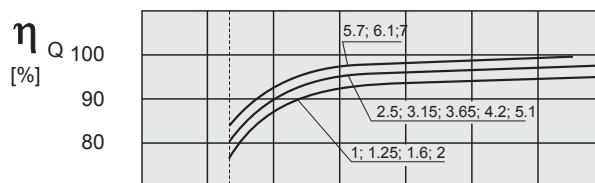
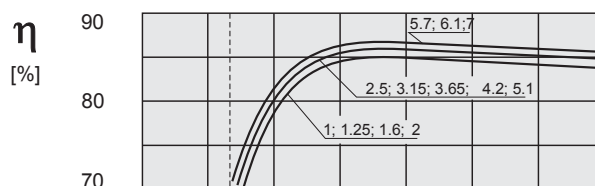
P_2 = Presiune nominala (de lucru in regim continuu)

η – randament total

η_Q – randament volumetric

Q_t – debit teoretic

P_t – putere teoretica



Nota: continutul acestui document a fost realizat cu cea mai mare grija, totusi este posibil ca unele informatii sa fie incomplete, sa se schimbe in timp sau sa existe greseli de redactare. CAMSA nu garanteaza ca informatiile din cuprinsul documentului sunt actuale, complete si corecte si nu ne asumam raspunderea pentru daunele provocate de utilizarea acestor informatii.