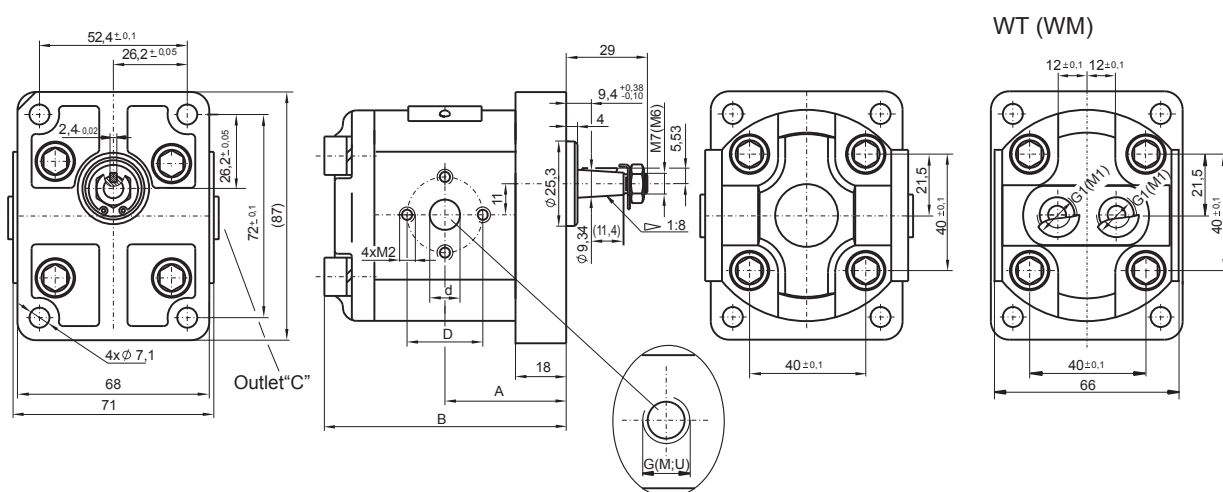




Pompe hidraulice cu roti dintate Grupa 1 - CSA

Caracteristici:

- Viscositate ulei: recomandata 20 – 60 mm²/s (admisibila 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 absorbție | | | | | | Racord evacuare | | | | | | | | | |
|-------------|------------------|-----|----|---------|-------|---------------|-----------------|-----------|-----|-----|----|---------|-------|----------------|--------|-----------|
| | 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" | | | |

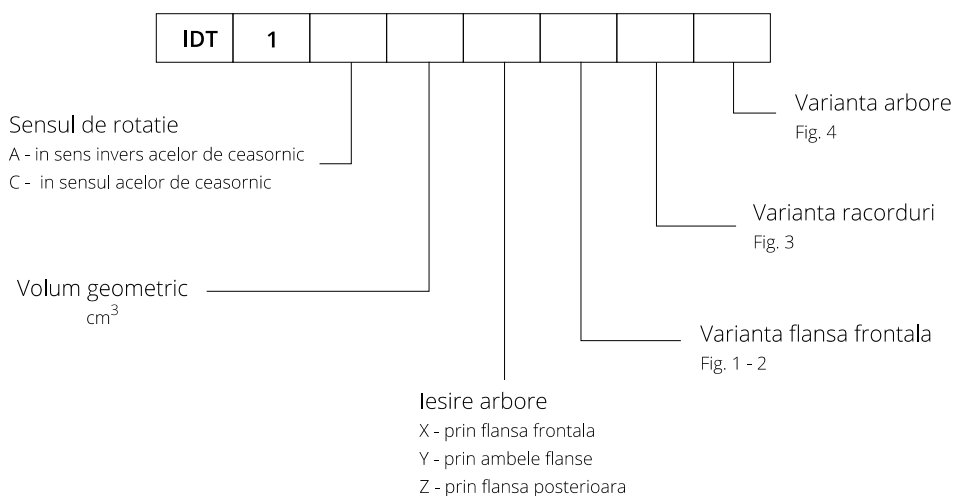


Figura 1: Variante de flansa frontala

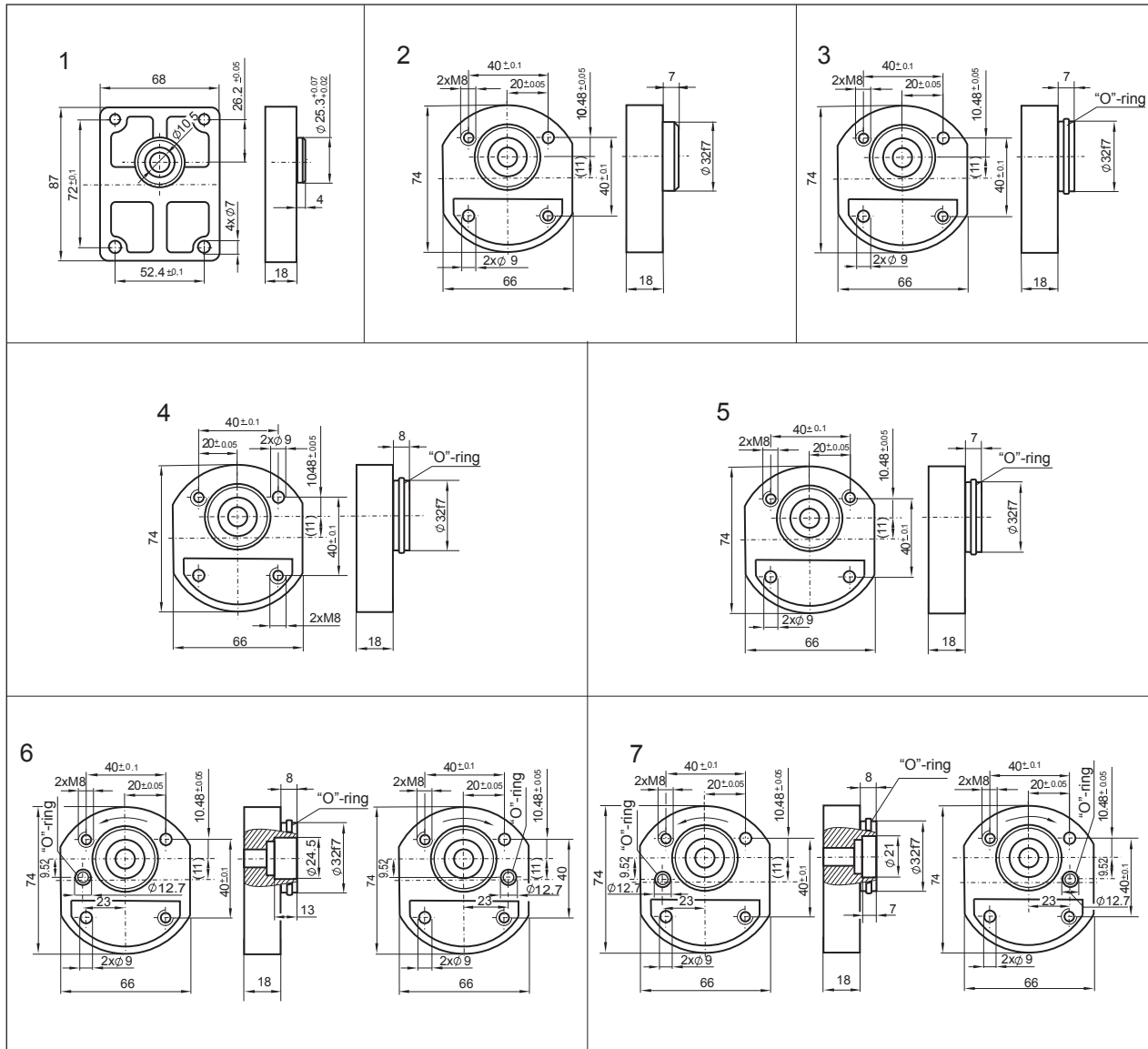


Figura 2: Variante de flansa frontala

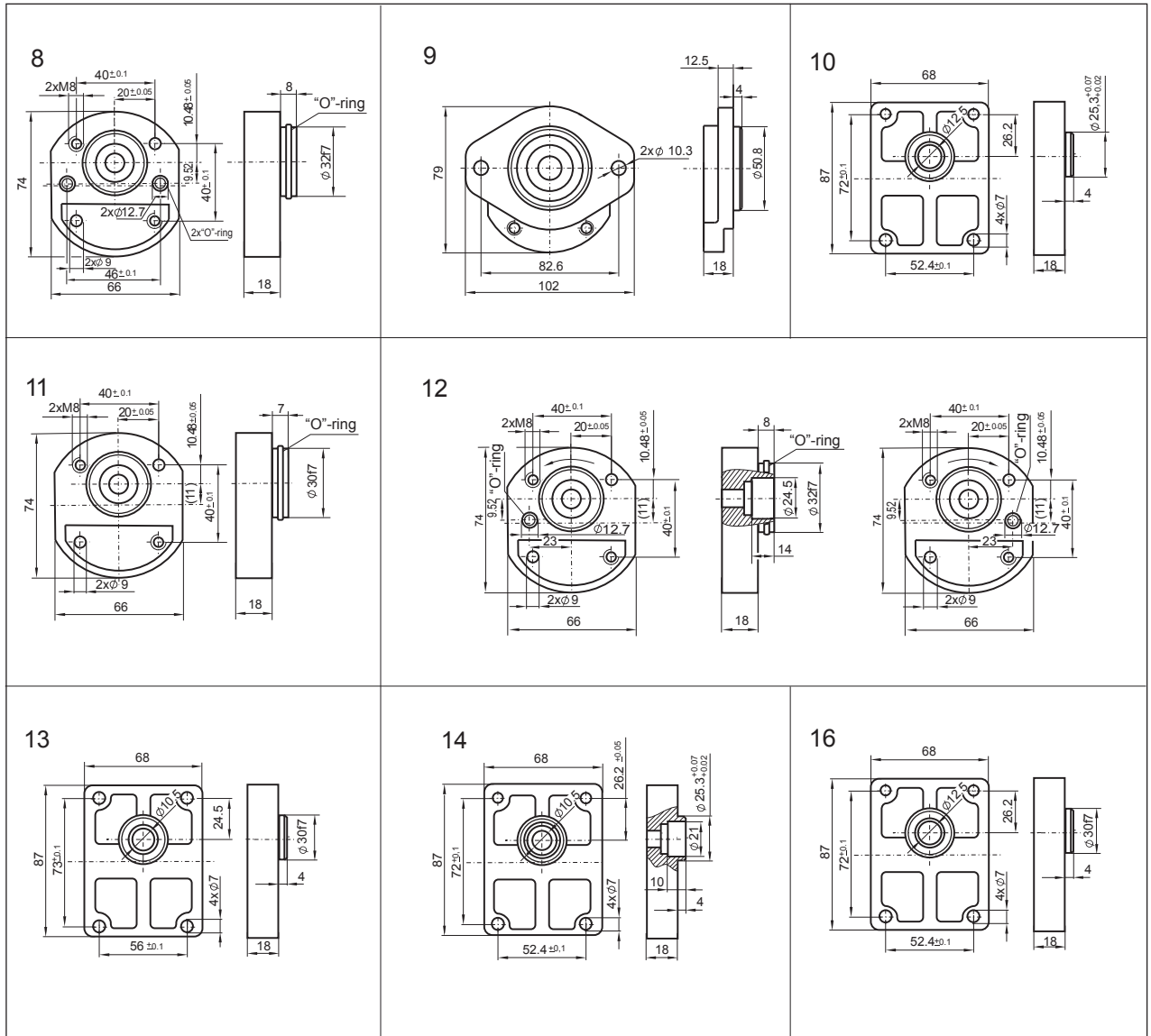


Figura 3: Variante racorduri

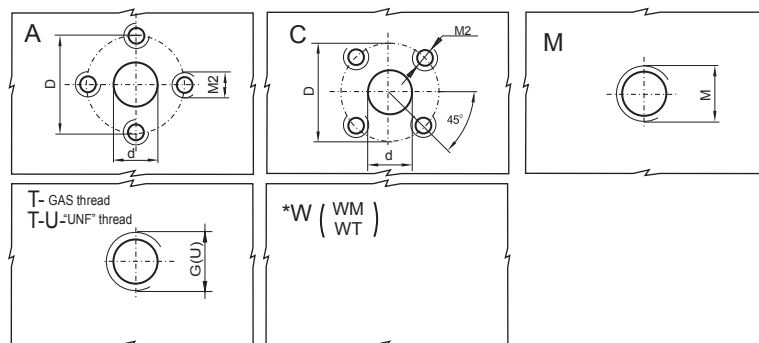
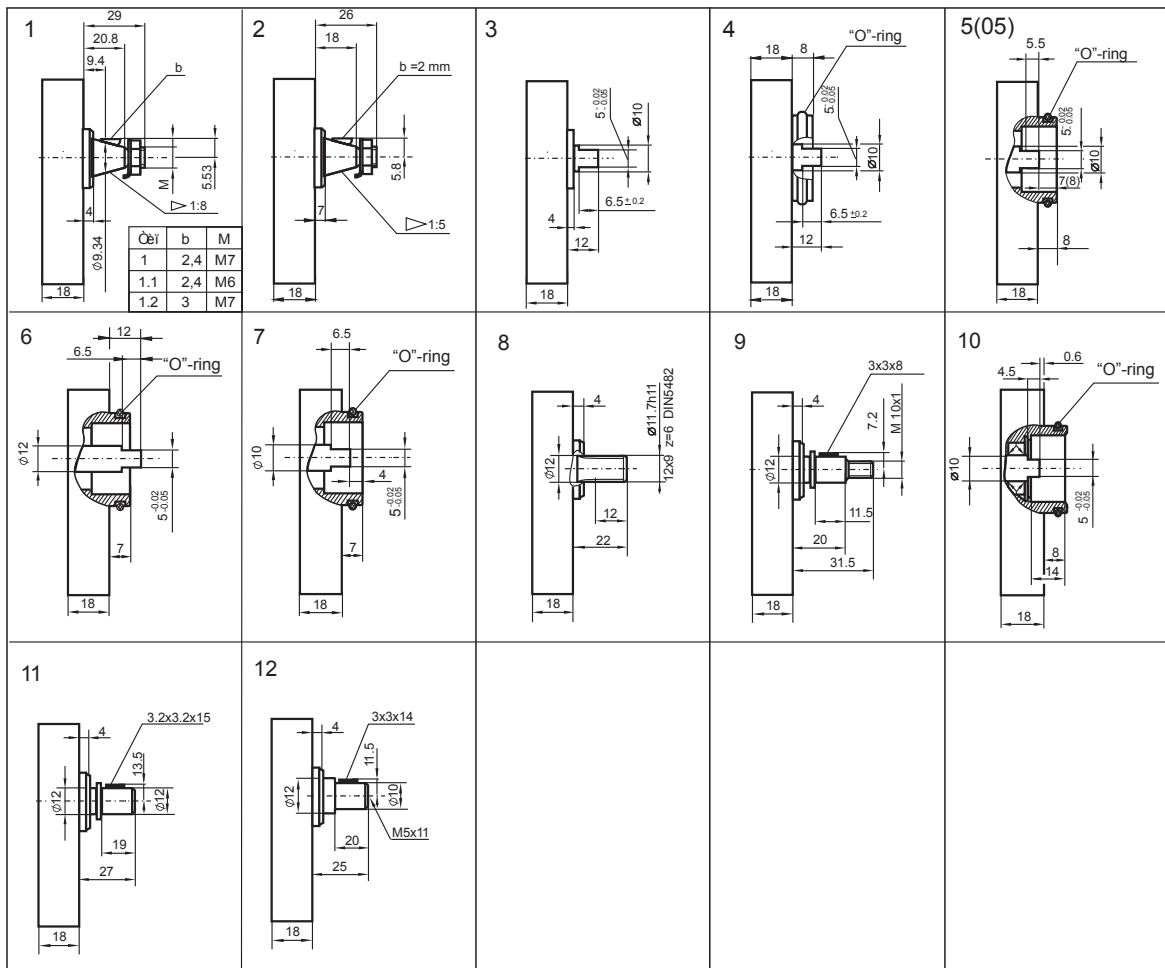
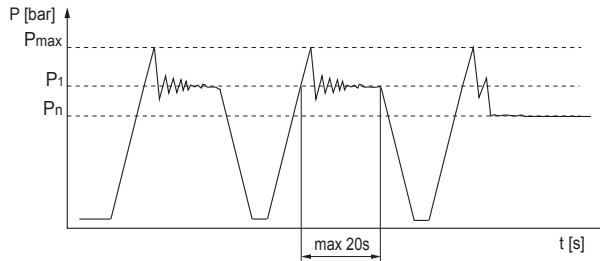


Figura 4: Variante arbori



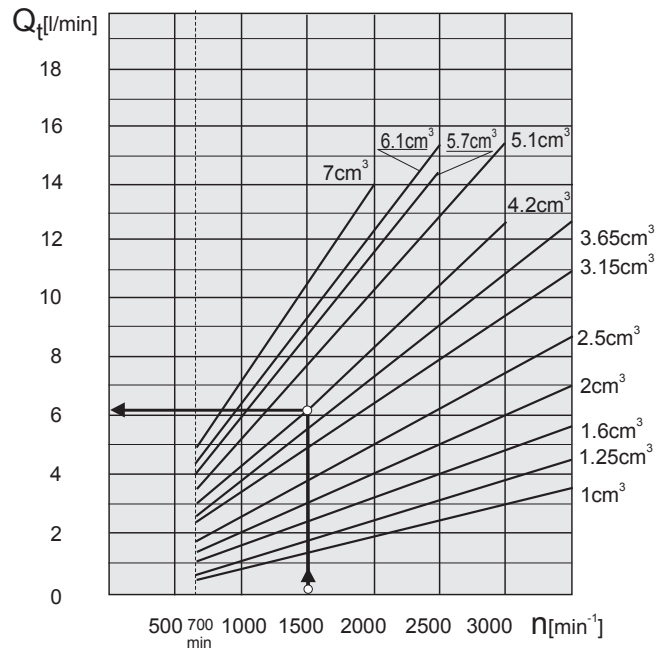
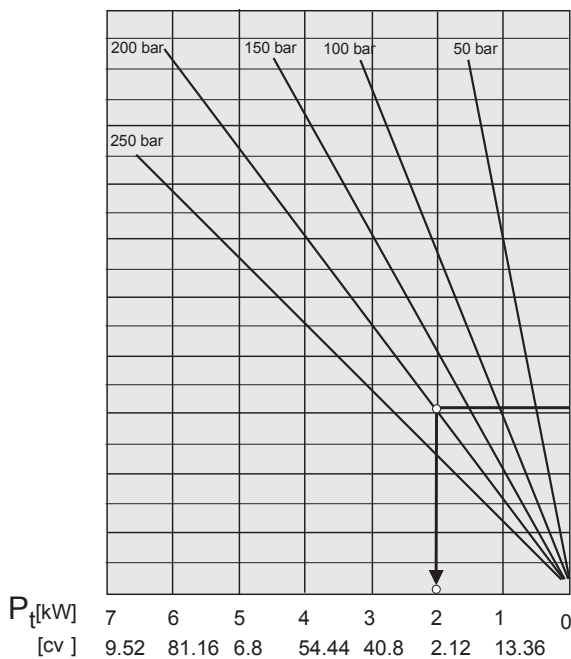
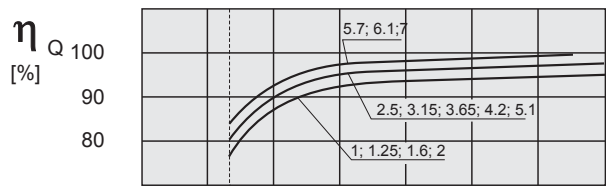
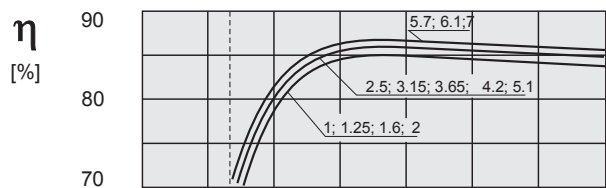
Montaj:

Pompele pot fi actionate direct sau indirect (prin transmisii cu roti dintate, curele sau lant). Indiferent de modul de antrenare asupra arborelui pompei nu trebuie sa actioneze forte axiale sau radiale. In cazul actionarii directe se recomanda folosirea unui cuplaj elastic tip Oldham intre pompa si sursa de energie. Pentru actionarile indirecte prin intremediul transmisiilor cu roti dintate, lant, curele este recomanda folosirea unui suport adaptor prevazut cu cuplaj canelat



Pmax – presiunea maxima (de varf)
 P1 = Pn + 10 bar – presiune de lucru in regim intermitent
 P2 = 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.