

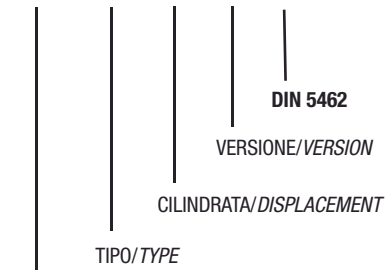
BIDIREZIONALE  
BI-ROTATIONAL

# PE

**Pompa a Pistoni**  
**Piston Pump**

CODICE DI ORDINAZIONE - ORDERING CODE

201 PEC 70 W SE



DIN  
5 4 6 2  
SE

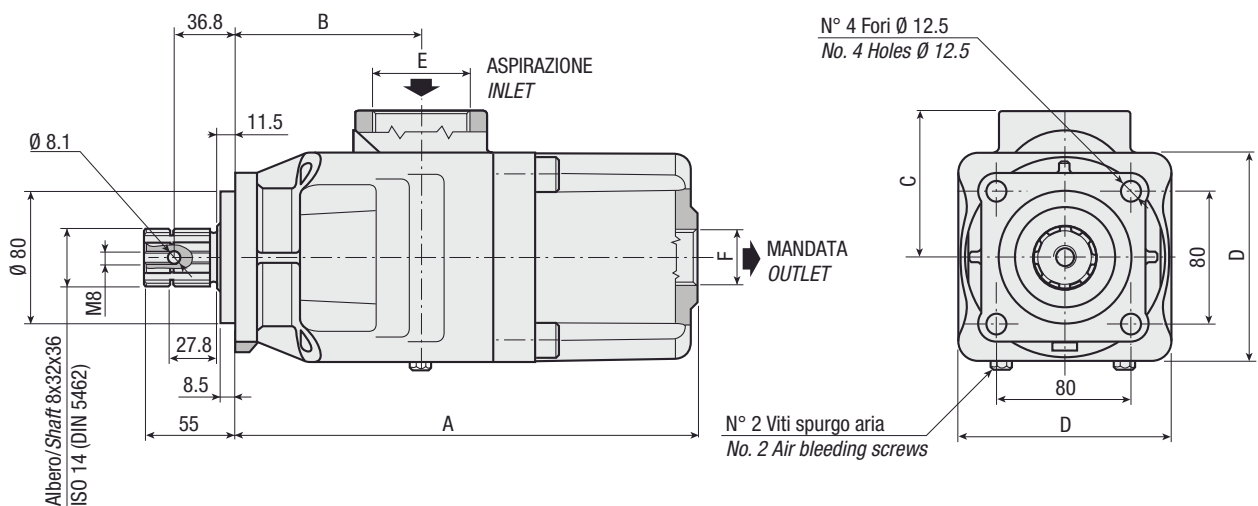
PE 70  
PE 80  
PE 90  
PE 100



POMPA A PISTONI/PISTON PUMP

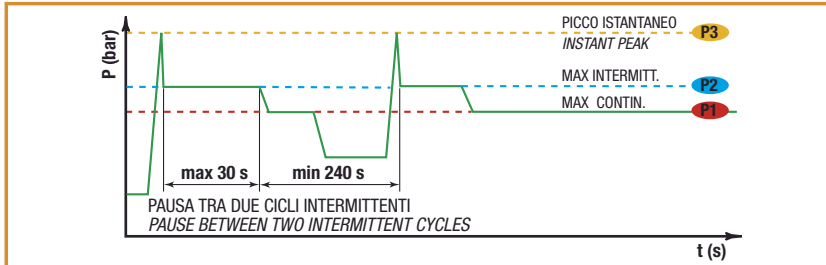
**CARATTERISTICHE E DATI TECNICI - SPECIFICATIONS AND TECHNICAL DATA**

| TIPO<br>TYPE | CODICE<br>CODE | A<br>mm | B<br>mm | C<br>mm | D<br>mm | E<br>ASPIRAZIONE<br>INLET | F<br>MANDATA<br>OUTLET | PESO<br>WEIGHT<br>kg |
|--------------|----------------|---------|---------|---------|---------|---------------------------|------------------------|----------------------|
| PE 70        | 201PEC70WSE    | 263     | 111     | 88      | 125     | 2" G                      | 1" G                   | 21.2                 |
| PE 80        | 201PEC80WSE    |         |         |         |         |                           |                        | 21.2                 |
| PE 90        | 201PEC90WSE    |         |         |         |         |                           |                        | 21.0                 |
| PE 100       | 201PEC98WSE    |         |         |         |         |                           |                        | 20.8                 |



## DATI TECNICI - TECHNICAL DATA

### ESEMPIO CICLI LAVORO - EXAMPLE OF WORKING CYCLES

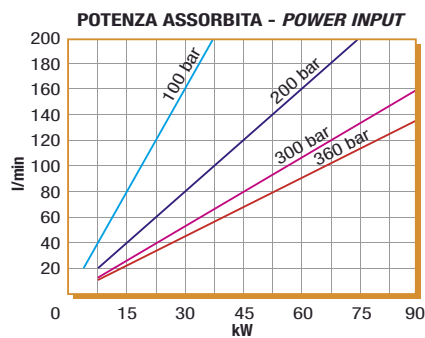
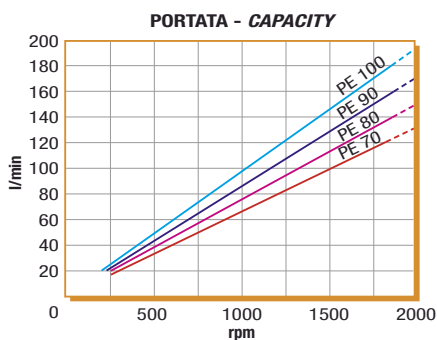


|   |                                      |
|---|--------------------------------------|
| Pressione d'aspirazione:<br>Inlet pressure:             | 0.7 ÷ 1.5 bar<br>(assoluti/absolute) |
| Campo viscosità lavoro:<br>Operating viscosity range:   | 12 ÷ 100 cSt                         |
| Temperatura fluido °C (t):<br>Fluid temperature °C (t): | -10° + 80° C                         |

| Pressione Lavoro<br>Working Press. P2 | Contaminazione - Contamination |          | Filtro - Filter<br>$\beta_x = 75$ |
|---------------------------------------|--------------------------------|----------|-----------------------------------|
|                                       | NAS 1638                       | ISO 4406 |                                   |
| ≤ 200 bar                             | 12                             | 21/18    | 40 $\mu$ m                        |
| ≥ 200 bar                             | 11                             | 20/17    | 25 $\mu$ m                        |

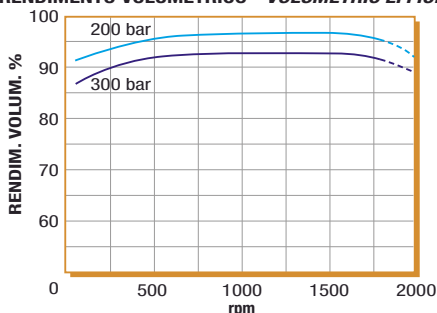
◀ **FILTRAZIONE CONSIGLIATA (ritorno o mandata)**  
**RECOMMENDED FILTERING (return or outlet)**

| TIPO - TYPE  |    |   | PE70 | PE80 | PE90 | PE100 |
|--|----|---|------|------|------|-------|
| Cilindrata<br>Displacement   | Vg | cm <sup>3</sup> /n<br>cm <sup>3</sup> /rev. | 68.1 | 77.9 | 87.6 | 97.3  |
| Pressione massima continua<br>Max continuous operating pressure                    | P1 | bar   | 330  | 300  | 300  | 290   |
| Pressione massima intermittente<br>Max intermitt. operat. press. (max 30 s)        | P2 |   | 360  | 350  | 350  | 340   |
| Pressione massima di picco<br>Max peak pressure (≤ 0.1 s)                          | P3 |   | 450  | 450  | 450  | 450   |
| Velocità massima intermittente<br>Max intermittent speed (P ≤ 20 bar)              | n3 | n/min<br>r.p.m.                             | 2000 | 2000 | 2000 | 2000  |
| Velocità massima continua<br>Max continuous speed (≤ P1)                           | n1 |   | 1500 | 1500 | 1500 | 1500  |
| Velocità minima intermittente<br>Min intermittent speed (≤ P2 x 0.5)<br>(max 30 s) | n4 |   | 300  | 300  | 300  | 300   |

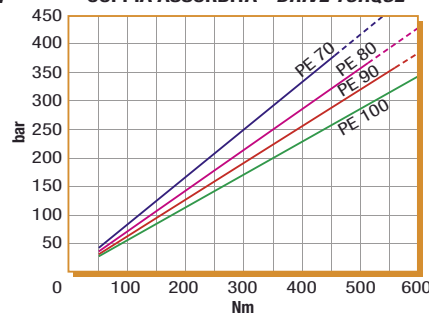


## DIAGRAMMI - DIAGRAMS

### RENDIMENTO VOLUMETRICO - VOLUMETRIC EFFICIENCY



### COPPIA ASSORBITA - DRIVE TORQUE



RILIEVI ESEGUITI CON OLIO  
ISO VG 46 A 50° C ( $\sqrt{\nu} = 30$  cSt)  
THE ABOVE SPECIFICATIONS  
REFER TO OIL TYPE ISO  
VG 46 AT 50° C ( $\sqrt{\nu} = 30$  cSt)