



**GRUPPO 3**  
**GROUP 3**

## CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS

| Grandezza<br>Size | Cilindrata<br>cm <sup>3</sup> /giro<br>Displacement | Velocità max<br>giri/min<br>Max speed<br>rpm | Portata max<br>lt/min<br>Max flow<br>(gpm) | Velocità min<br>giri/min<br>Min speed<br>rpm | Rendim. Vol.<br>min* %<br>Min Volum.<br>Effic.* % |
|-------------------|-----------------------------------------------------|----------------------------------------------|--------------------------------------------|----------------------------------------------|---------------------------------------------------|
| BG30-30           | 30                                                  | 3500                                         | 45                                         | 700                                          | 95                                                |
| BG30-36           | 36                                                  | 3500                                         | 54                                         | 700                                          | 95                                                |
| BG30-44           | 44                                                  | 3300                                         | 66                                         | 700                                          | 95                                                |
| BG30-50           | 50                                                  | 3300                                         | 75                                         | 700                                          | 95                                                |
| BG30-56           | 56                                                  | 3300                                         | 84                                         | 700                                          | 95                                                |
| BG30-70           | 70                                                  | 3000                                         | 105                                        | 700                                          | 95                                                |
| BG30-90           | 90                                                  | 3000                                         | 135                                        | 700                                          | 95                                                |

\*Rendimento volumetrico a 1500 giri/min \* Volumetric efficiency at 1500 rpm



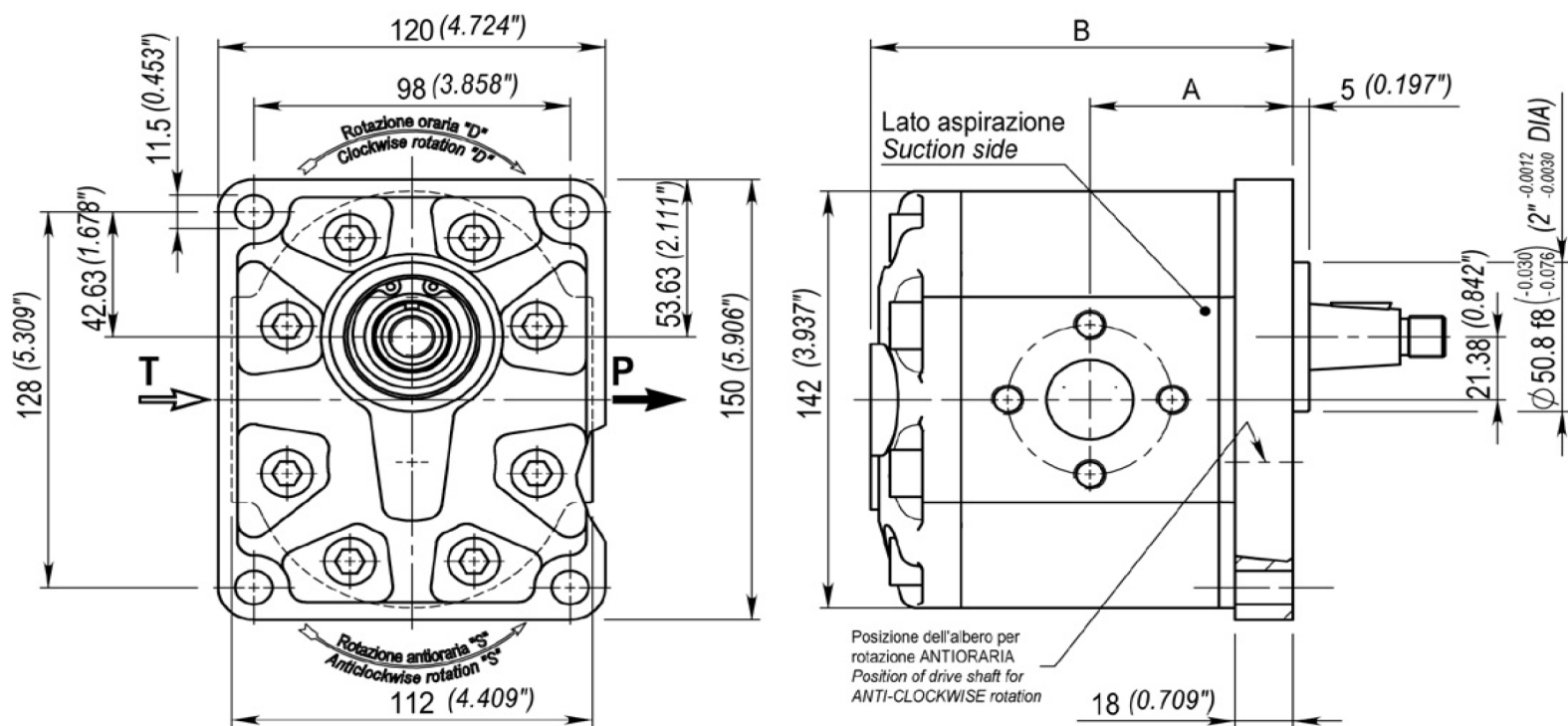
**STO**  
Flangia standard  
Standard flange



**S20 / S21**  
Flangia Sae B / SAE B-OR  
Sae B / SAE B-OR flange



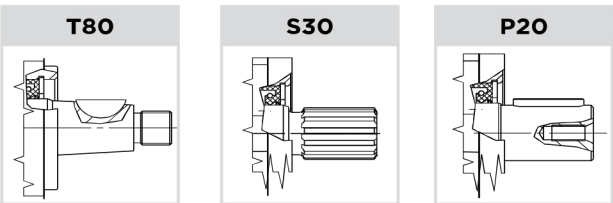
## FLANGIA STANDARD **STO** STANDARD FLANGE **STO**



### DIMENSIONI E PESI - EXTERNAL DIMENSIONS AND WEIGHTS

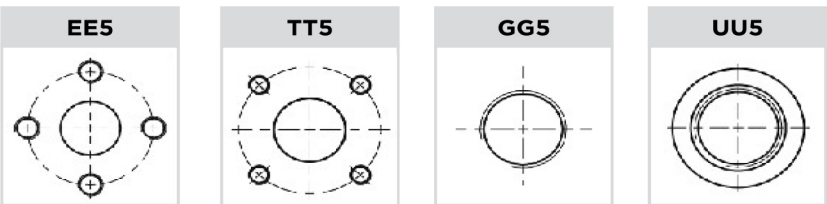
| Grandezza<br>Size | Cilindrata cm <sup>3</sup> /giro<br>Displacement (in <sup>3</sup> /rev) | Pressione max di esercizio<br>Max working pressure |                 |                 | Dimensioni<br>Dimensions |              | Massa kg<br>Mass (lbs) |
|-------------------|-------------------------------------------------------------------------|----------------------------------------------------|-----------------|-----------------|--------------------------|--------------|------------------------|
|                   |                                                                         | P1<br>Bar (psi)                                    | P2<br>Bar (psi) | P3<br>Bar (psi) | A<br>mm (in)             | B<br>mm (in) |                        |
| BG30-30           | 30                                                                      | 250 (3625)                                         | 270 (3916)      | 300 (4351)      | 62.95 (2.48)             | 130.9 (5.15) | 4.98 (11)              |
| BG30-36           | 36                                                                      | 240 (3481)                                         | 260 (3771)      | 290 (4206)      | 64.3 (2.53)              | 133.6 (5.26) | 5.10 (11.3)            |
| BG30-44           | 44                                                                      | 220 (3191)                                         | 240 (3481)      | 260 (3771)      | 66.9 (2.63)              | 138.8 (5.46) | 5.34 (11.8)            |
| BG30-50           | 50                                                                      | 220 (3191)                                         | 230 (3336)      | 260 (3771)      | 68.9 (2.71)              | 142.9 (5.63) | 5.52 (12.2)            |
| BG30-56           | 56                                                                      | 210 (3046)                                         | 230 (3336)      | 250 (3625)      | 70.6 (2.78)              | 146.3 (5.76) | 5.68 (12.5)            |
| BG30-70           | 70                                                                      | 200 (2901)                                         | 220 (3191)      | 240 (3481)      | 73.6 (2.90)              | 152.1 (5.99) | 5.93 (13.1)            |
| BG30-90           | 90                                                                      | 200 (2901)                                         | 210 (3046)      | 230 (3336)      | 76.9 (3.03)              | 158.8 (6.25) | 6.24 (13.8)            |

ALBERI CONSIGLIATI - SUGGESTED SHAFTS



Vedi dimensioni a fine sezione BG30  
See dimensions at the end of section BG30

CONNESSIONI DISPONIBILI - SAVAILABLE CONNECTIONS



Vedi dimensioni a fine sezione BG30  
See dimensions at the end of section BG30

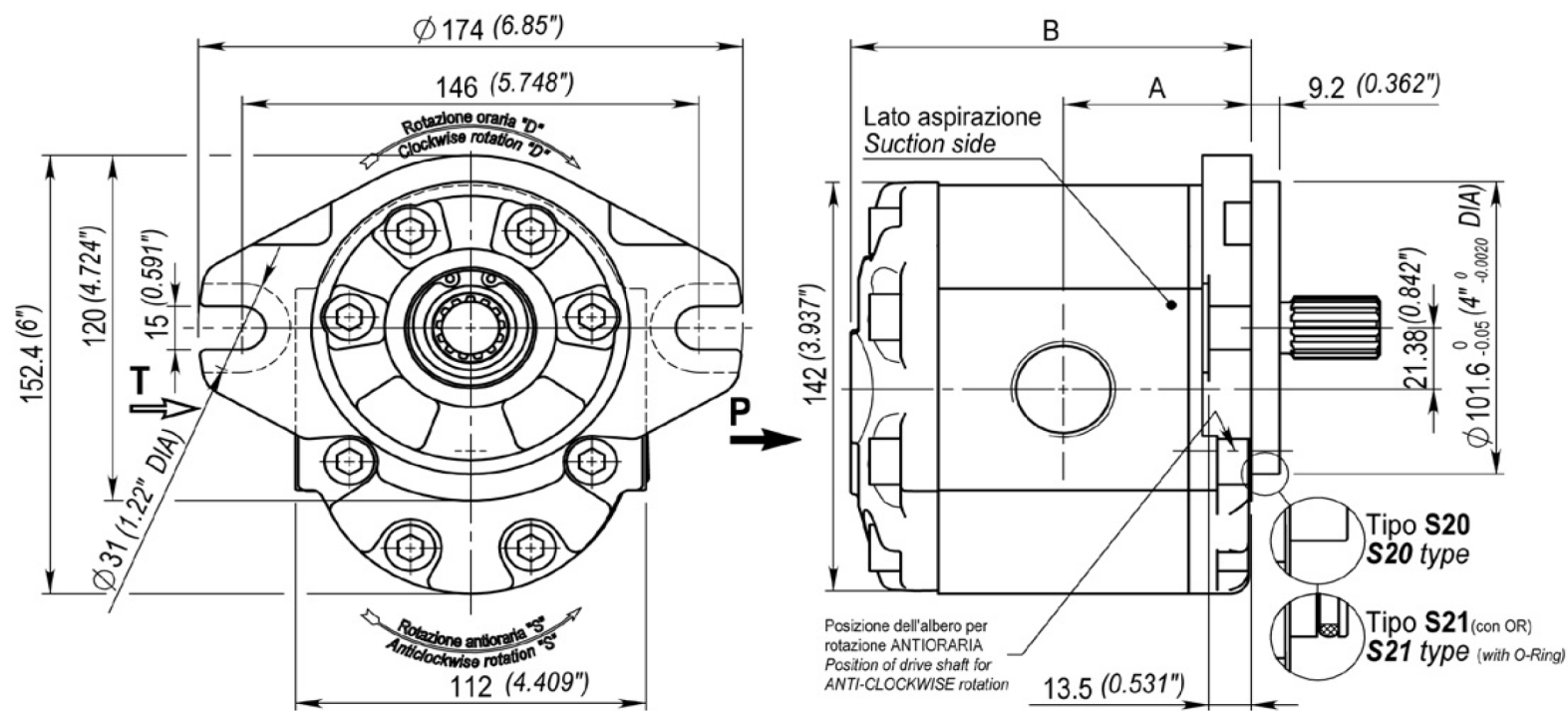
“X” = numero variabile dipendente dalla cilindrata  
“X” = variable number that depends on the displacement

CODICE ORDINAZIONE - ORDERING CODE

| BG30 | CODICE<br>CODE                          |                                                                                                                 |
|------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|      | CILINDRATA<br>DISPLACEMENT              | <div>3030</div> <div>3636</div> <div>4444</div> <div>5050</div> <div>5656</div> <div>7070</div> <div>9090</div> |
|      | FLANGIA<br>FLANGE                       | ST0 Standard Standard                                                                                           |
|      | FLANGIA E COPERCHIO<br>FLANGE AND COVER | <div>AAlluminio Aluminium</div> <div>GGhisa Cast iron (Heavy duty)</div>                                        |
|      | ALBERO<br>SHAFT                         | T80 S30 P20                                                                                                     |
|      | CONNESSIONE<br>CONNECTION               | EE5 TT5 GG5 UU5                                                                                                 |
|      | ROTAZIONE<br>ROTATION                   | <div>DRotazione destra Clockwise rotation</div> <div>SRotazione sinistra Anticlockwise rotation</div>           |
|      | COPERCHIO STANDARD<br>STANDARD COVER    | O Standard Standard                                                                                             |
|      | GUARNIZIONI<br>SEALS                    | <div>OTenute in Nbr Nbr seals</div> <div>VTenute in Viton® Viton® seals</div>                                   |

# BG30 GR. 3

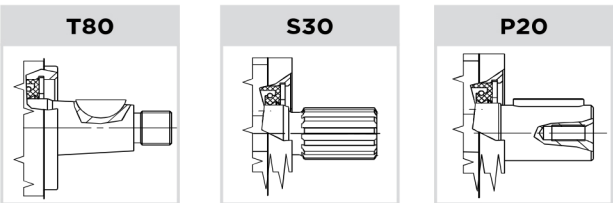
FLANGIA SAE B **S20** / SAE B-OR **S21**  
SAE B **S20** / SAE B-OR **S21** FLANGE



## DIMENSIONI E PESI - EXTERNAL DIMENSIONS AND WEIGHTS

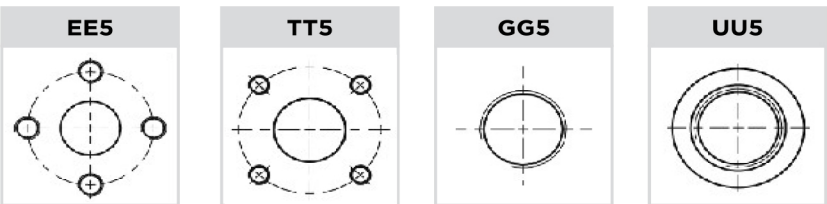
| Grandezza<br>Size | Cilindrata cm <sup>3</sup> /giro<br>Displacement (in <sup>3</sup> /rev) | Pressione max di esercizio<br>Max working pressure |                 |                 | Dimensioni<br>Dimensions |              | Massa kg<br>Mass (lbs) |
|-------------------|-------------------------------------------------------------------------|----------------------------------------------------|-----------------|-----------------|--------------------------|--------------|------------------------|
|                   |                                                                         | P1<br>Bar (psi)                                    | P2<br>Bar (psi) | P3<br>Bar (psi) | A<br>mm (in)             | B<br>mm (in) |                        |
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| BG30-44           | 44                                                                      | 220 (3191)                                         | 240 (3481)      | 260 (3771)      | 66.9 (2.63)              | 138.8 (5.46) | 5.34 (11.8)            |
| BG30-50           | 50                                                                      | 220 (3191)                                         | 230 (3336)      | 260 (3771)      | 68.9 (2.71)              | 142.9 (5.63) | 5.52 (12.2)            |
| BG30-56           | 56                                                                      | 210 (3046)                                         | 230 (3336)      | 250 (3625)      | 70.6 (2.78)              | 146.3 (5.76) | 5.68 (12.5)            |
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| BG30-90           | 90                                                                      | 200 (2901)                                         | 210 (3046)      | 230 (3336)      | 76.9 (3.03)              | 158.8 (6.25) | 6.24 (13.8)            |

# ALBERI CONSIGLIATI - SUGGESTED SHAFTS



Vedi dimensioni a fine sezione BG30  
See dimensions at the end of section BG30

# CONNESSIONI DISPONIBILI - SAVAILABLE CONNECTIONS



Vedi dimensioni a fine sezione BG30  
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“X” = numero variabile dipendente dalla cilindrata  
“X” = variable number that depends on the displacement

# CODICE ORDINAZIONE - ORDERING CODE

| BG30 | CODICE<br>CODE                          |                                                                                      |
|------|-----------------------------------------|--------------------------------------------------------------------------------------|
|      | CILINDRATA<br>DISPLACEMENT              | 30 36 44 50 56 70 90<br>30 36 44 50 56 70 90                                         |
|      | FLANGIA<br>FLANGE                       | S20 Standard Standard                                                                |
|      | FLANGIA E COPERCHIO<br>FLANGE AND COVER | A Alluminio Aluminium<br>G Ghisa Cast iron (Heavy duty)                              |
|      | ALBERO<br>SHAFT                         | T80 S30 P20                                                                          |
|      | CONNESSIONE<br>CONNECTION               | EE5 TT5 GG5 UU5                                                                      |
|      | ROTAZIONE<br>ROTATION                   | D Rotazione destra Clockwise rotation<br>S Rotazione sinistra Anticlockwise rotation |
|      | COPERCHIO STANDARD<br>STANDARD COVER    | O Standard Standard                                                                  |
|      | GUARNIZIONI<br>SEALS                    | O Tenute in Nbr Nbr seals<br>V Tenute in Viton® Viton® seals                         |

## STANDARD EUROPEO - EUROPEAN STANDARD

| Grandezza<br>Size | Codice<br>Code |
|-------------------|----------------|
| 30 - 90           | <b>EE5</b>     |

## UNIFICAZIONE TEDESCA - GERMAN UNIFICATION

| Grandezza<br>Size | Codice<br>Code |
|-------------------|----------------|
| 30 - 90           | <b>TT5</b>     |

## FILETTATURE BSPP - BSPP THREADS

| Grandezza<br>Size | Codice<br>Code |
|-------------------|----------------|
| 30 - 90           | <b>GG5</b>     |

## FILETTATURE SAE - SAE THREADS

| Grandezza<br>Size | Codice<br>Code |
|-------------------|----------------|
| 30 - 90           | <b>UU5</b>     |

ASPIRAZIONE lato riferimento  
SUCTION reference side

MANDATA  
DELIVERY

