

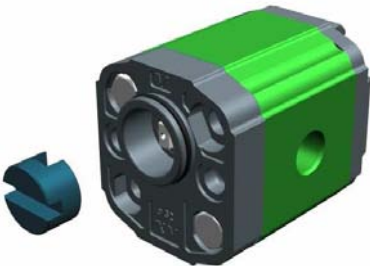
unidirectional pump - series XV

STANDARD GERMAN "BH" TYPE PUMP  
ø32 BODY-SHAPED FLANGE - MILLED SHANK

XV-1P

X 1 P 25 32 C B B A

|              |     |                                                         |
|--------------|-----|---------------------------------------------------------|
| Series       | X   | series XV                                               |
| Group        | 1   | group 1                                                 |
| Category     | P   | unidirectional pump                                     |
| Displacement | 25  | 3.8                                                     |
| Flange       | 32  | Ø32 BH GERMAN STARDARDIZED right rotation               |
| Shaft        | C   | CF001 - Milled shank ø10 - thk.5 ("BH" Standard German) |
| Body         | IN  | B inlet - 3/8" GAS                                      |
|              | OUT | B outlet - 3/8" GAS                                     |
| Cover        | A   | standard                                                |

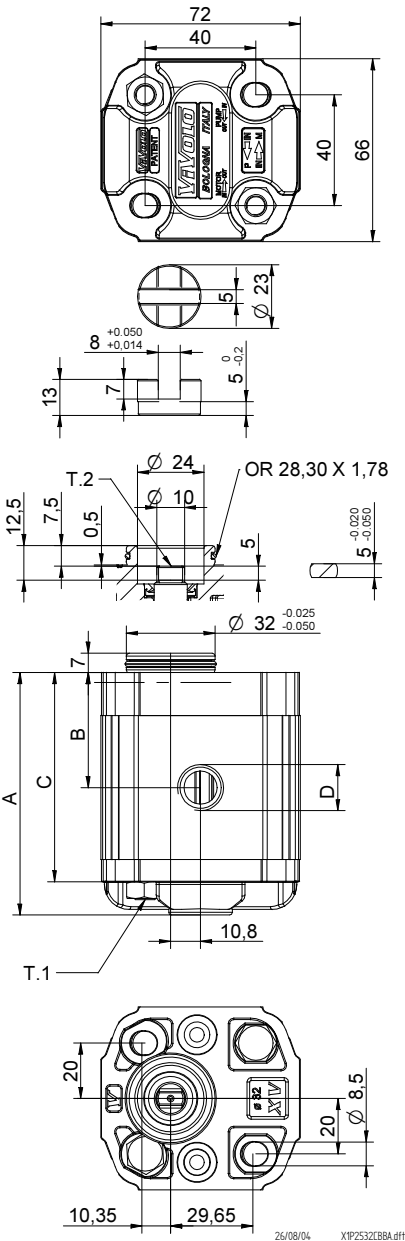


XP161

| Technical data table |              |               |        |               |         |                     |
|----------------------|--------------|---------------|--------|---------------|---------|---------------------|
| TYPE                 | Displacement | Max. Pressure |        | CODE          |         |                     |
|                      | cm3/rev      | P1 bar        | P3 bar | Left rotation |         | Right rotation      |
| XV-1P/0.9            | 0,91         | 240           | 280    | X 1 P 16 31   | C B B A | X 1 P 16 32 C B B A |
| XV-1P/1.2            | 1,17         | 250           | 290    | X 1 P 17 31   | C B B A | X 1 P 17 32 C B B A |
| XV-1P/1.7            | 1,56         | 250           | 290    | X 1 P 18 31   | C B B A | X 1 P 18 32 C B B A |
| XV-1P/2.2            | 2,08         | 250           | 290    | X 1 P 20 31   | C B B A | X 1 P 20 32 C B B A |
| XV-1P/2.6            | 2,60         | 250           | 300    | X 1 P 21 31   | C B B A | X 1 P 21 32 C B B A |
| XV-1P/3.2            | 3,12         | 250           | 300    | X 1 P 23 31   | C B B A | X 1 P 23 32 C B B A |
| XV-1P/3.8            | 3,64         | 250           | 300    | X 1 P 25 31   | C B B A | X 1 P 25 32 C B B A |
| XV-1P/4.3            | 4,16         | 250           | 300    | X 1 P 27 31   | C B B A | X 1 P 27 32 C B B A |
| XV-1P/4.9            | 4,94         | 250           | 300    | X 1 P 29 31   | C B B A | X 1 P 29 32 C B B A |
| XV-1P/5.9            | 5,85         | 250           | 300    | X 1 P 31 31   | C B B A | X 1 P 31 32 C B B A |
| XV-1P/6.5            | 6,50         | 250           | 300    | X 1 P 32 31   | C B B A | X 1 P 32 32 C B B A |
| XV-1P/7.8            | 7,54         | 220           | 260    | X 1 P 34 31   | C B B A | X 1 P 34 32 C B B A |
| XV-1P/9.8            | 9,88         | 190           | 230    | X 1 P 36 31   | C B B A | X 1 P 36 32 C B B A |

P1) Max. working pressure - P3) Max. peak pressure  
For heavy-duty applications, it is recommended to check the admissible torque of the shaft

| Dimensions table |        |       |      |      |           |           |
|------------------|--------|-------|------|------|-----------|-----------|
| TYPE             | Weight | A     | B    | C    | D         | D         |
|                  | kg     | mm    | mm   | mm   | IN        | OUT       |
| XV-1P/0.9        | 0,950  | 77,1  | 36,3 | 65,1 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/1.2        | 0,970  | 78,0  | 36,8 | 66,0 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/1.7        | 1,010  | 79,5  | 37,5 | 67,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/2.2        | 1,030  | 81,5  | 38,5 | 69,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/2.6        | 1,060  | 83,5  | 39,5 | 71,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/3.2        | 1,090  | 85,5  | 40,5 | 73,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/3.8        | 1,120  | 87,5  | 41,5 | 75,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/4.3        | 1,170  | 89,5  | 42,5 | 77,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/4.9        | 1,200  | 92,5  | 44,0 | 80,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/5.9        | 1,260  | 96,0  | 45,8 | 84,0 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/6.5        | 1,300  | 97,5  | 47,0 | 85,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/7.8        | 1,360  | 102,5 | 49,0 | 90,5 | 3/8" BSPP | 3/8" BSPP |
| XV-1P/9.8        | 1,500  | 111,5 | 53,5 | 99,5 | 3/8" BSPP | 3/8" BSPP |



T.1 = 24.5÷29.4 [Nm] - screw tightening torque M8  
T.2 = 13.8 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

XV-1P

Standard German ø32 "BH" FLANGE

| Standard German ø32 "BH" FLANGE |  |                |  | Shaft                                   |  |                                    |  | Cover         |  |                |  |
|---------------------------------|--|----------------|--|-----------------------------------------|--|------------------------------------|--|---------------|--|----------------|--|
| Left rotation                   |  | Right rotation |  |                                         |  |                                    |  | Left rotation |  | Right rotation |  |
|                                 |  |                |  | CF001 - Milled shank<br>T.2 = 13.8 [Nm] |  | SCF01 - Splined<br>T.2 = 42.8 [Nm] |  |               |  |                |  |
|                                 |  |                |  |                                         |  |                                    |  |               |  |                |  |
|                                 |  |                |  | SCF03 - Splined<br>T.2 = 42.8 [Nm]      |  |                                    |  |               |  |                |  |
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