

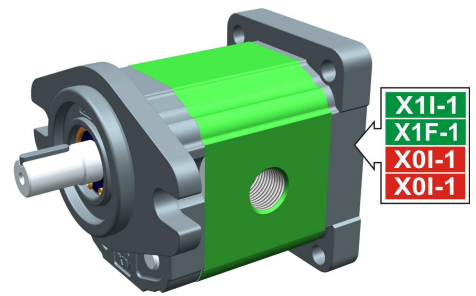
entrainment pump - series XV

"SAE AA" DRIVING PUMP

X1T

X 1 T 25 62 B B B A

| | | |
|--------------|-----|---|
| Series | X | series XV |
| Group | 1 | group 1 |
| Category | T | entrainment pump |
| Displacement | 25 | 3.8 |
| Flange | 62 | Ø50.8 SAE AA right rotation |
| Shaft | B | CIP02 - Parallel ø12.7 - key thk. 3.2 (SAE AA) |
| Body | IN | inlet - 3/8" GAS |
| | OUT | outlet - 3/8" GAS |
| Cover | A | ø25,5 female cover for left multiple pump element |



XT168

Technical data table

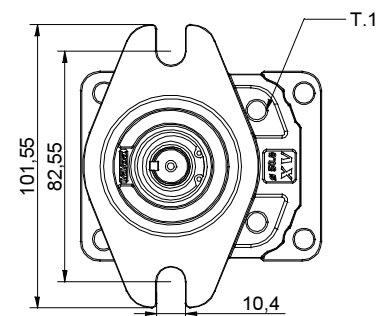
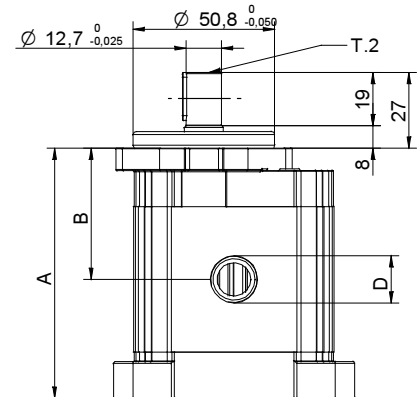
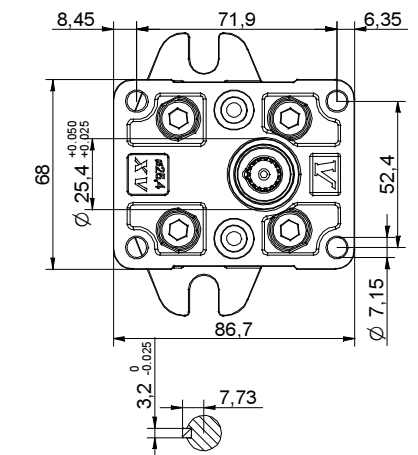
| TYPE | Displacement cm3/rev | Max. Pressure | | CODE | |
|---------|-------------------------|---------------|--------|---------------------|---------------------|
| | | P1 bar | P3 bar | Left rotation | Right rotation |
| X1T/0.9 | 0,91 | 240 | 280 | X 1 T 16 61 B B B A | X 1 T 16 62 B B B A |
| X1T/1.2 | 1,17 | 250 | 290 | X 1 T 17 61 B B B A | X 1 T 17 62 B B B A |
| X1T/1.7 | 1,56 | 250 | 290 | X 1 T 18 61 B B B A | X 1 T 18 62 B B B A |
| X1T/2.2 | 2,08 | 250 | 290 | X 1 T 20 61 B B B A | X 1 T 20 62 B B B A |
| X1T/2.6 | 2,60 | 250 | 300 | X 1 T 21 61 B B B A | X 1 T 21 62 B B B A |
| X1T/3.2 | 3,12 | 250 | 300 | X 1 T 23 61 B B B A | X 1 T 23 62 B B B A |
| X1T/3.8 | 3,64 | 250 | 300 | X 1 T 25 61 B B B A | X 1 T 25 62 B B B A |
| X1T/4.3 | 4,16 | 250 | 300 | X 1 T 27 61 B B B A | X 1 T 27 62 B B B A |
| X1T/4.9 | 4,94 | 250 | 300 | X 1 T 29 61 B B B A | X 1 T 29 62 B B B A |
| X1T/5.9 | 5,85 | 250 | 300 | X 1 T 31 61 B B B A | X 1 T 31 62 B B B A |
| X1T/6.5 | 6,50 | 250 | 300 | X 1 T 32 61 B B B A | X 1 T 32 62 B B B A |
| X1T/7.8 | 7,54 | 220 | 260 | X 1 T 34 61 B B B A | X 1 T 34 62 B B B A |
| X1T/9.8 | 9,88 | 190 | 230 | X 1 T 36 61 B B B A | X 1 T 36 62 B 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 kg | A | B | D | |
|---------|--------------|-------|------|-----------|-----------|
| | | mm | mm | IN | OUT |
| X1T/0.9 | 1,000 | 79,0 | 41,8 | 3/8" BSPP | 3/8" BSPP |
| X1T/1.2 | 1,020 | 80,0 | 42,3 | 3/8" BSPP | 3/8" BSPP |
| X1T/1.7 | 1,060 | 81,5 | 43,0 | 3/8" BSPP | 3/8" BSPP |
| X1T/2.2 | 1,080 | 83,5 | 44,0 | 3/8" BSPP | 3/8" BSPP |
| X1T/2.6 | 1,110 | 85,5 | 45,0 | 3/8" BSPP | 3/8" BSPP |
| X1T/3.2 | 1,140 | 87,5 | 46,0 | 3/8" BSPP | 3/8" BSPP |
| X1T/3.8 | 1,170 | 89,5 | 47,0 | 3/8" BSPP | 3/8" BSPP |
| X1T/4.3 | 1,220 | 91,5 | 48,0 | 3/8" BSPP | 3/8" BSPP |
| X1T/4.9 | 1,250 | 94,5 | 49,5 | 3/8" BSPP | 3/8" BSPP |
| X1T/5.9 | 1,310 | 98,0 | 51,3 | 3/8" BSPP | 3/8" BSPP |
| X1T/6.5 | 1,350 | 100,5 | 52,5 | 3/8" BSPP | 3/8" BSPP |
| X1T/7.8 | 1,410 | 104,5 | 54,5 | 3/8" BSPP | 3/8" BSPP |
| X1T/9.8 | 1,550 | 113,5 | 59,0 | 3/8" BSPP | 3/8" BSPP |



T.1 = 24.5÷29.4 [Nm] - screw tightening torque M8

T.2 = 32.8 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

X1T

ø50.8 FLANGE "SAE AA"

| ø50.8 FLANGE "SAE AA" | | Shaft | | Cover | | | | |
|-----------------------|----------------|---|----------|--|----------------|--|--|----------|
| Left rotation | Right rotation | | | Left rotation | Right rotation | | | |
| | | CIP01 - Parallel T.2 = 25.8 [Nm] | A | CIP02 - Parallel T.2 = 32.8 [Nm] SAE 3.2 | B | | | A |
| 61 | 62 | CFP03 - Milled shank T.2 = 25.9 [Nm] SAE | E | COP02 - Tapered T.2 = 119.8 [Nm] | G | | | D |
| | | CO004 - Tapered T.2 = 90.4 [Nm] SAE | I | SCF05 - Splined T.2 = 32.2 [Nm] SAE J 498 9T 20/40 DP | K | | | |
| | | COP02+HK - Tapered T.2 = 119.8 [Nm] HK 14-12 | O | CI001+HK - Parallel T.2 = 25.8 [Nm] HK 14-12 | P | | | |

| Displacement | |
|--------------|-----------|
| TYPE | CODE |
| X1T/0.9 | 16 |
| X1T/1.2 | 17 |
| X1T/1.7 | 18 |
| X1T/2.2 | 20 |
| X1T/2.6 | 21 |
| X1T/3.2 | 23 |
| X1T/3.8 | 25 |
| X1T/4.3 | 27 |
| X1T/4.9 | 29 |
| X1T/5.9 | 31 |
| X1T/6.5 | 32 |
| X1T/7.8 | 34 |
| X1T/9.8 | 36 |

| Standard bodies | | | | | | | |
|----------------------|------------------|-------|-------|-------|-------|-------|-------|
| Displacement cm3/rev | Standard threads | | | | | | |
| | 0.9 | I - I | B - B | J - J | B - Z | Z - Z | G - F |
| 1.2 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 1.7 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 2.2 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 2.6 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 3.2 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 3.8 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 4.3 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 4.9 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 5.9 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 6.5 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 7.8 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |
| 9.8 | I - I | B - B | J - J | B - Z | Z - Z | G - F | |

Table showing standard flange and thread combinations available in stock

| Body (threads/flanges) | | | | | | | | | | | | | |
|------------------------|----------|--|----------|--|----------|--------------------|----------|--|----------|--|----------|--|----------|
| | A | | B | | C | | D | | E | | F | | G |
| | H | | I | | J | Closed Body | Z | | | | | | |