

reversible motor - series XV

XV-2M

STANDARD EUROPEAN MOTOR
 ø36.5 FLANGE - TAPER SHAFT

X 2 M 51 01 E C C E

| | | |
|--------------|-----|---|
| Series | X | series XV |
| Group | 2 | group 2 |
| Category | M | reversible motor |
| Displacement | 51 | 17 |
| Flange | 01 | Ø36.5 STANDARD EUROPEAN reversible rotation |
| Shaft | E | CO001 - Tapered 1:8 - ø17.4 - M12x1.5 - key thk.4 |
| Body | IN | inlet - 3/4" GAS |
| | OUT | outlet - 3/4" GAS |
| Cover | E | with external drainage |



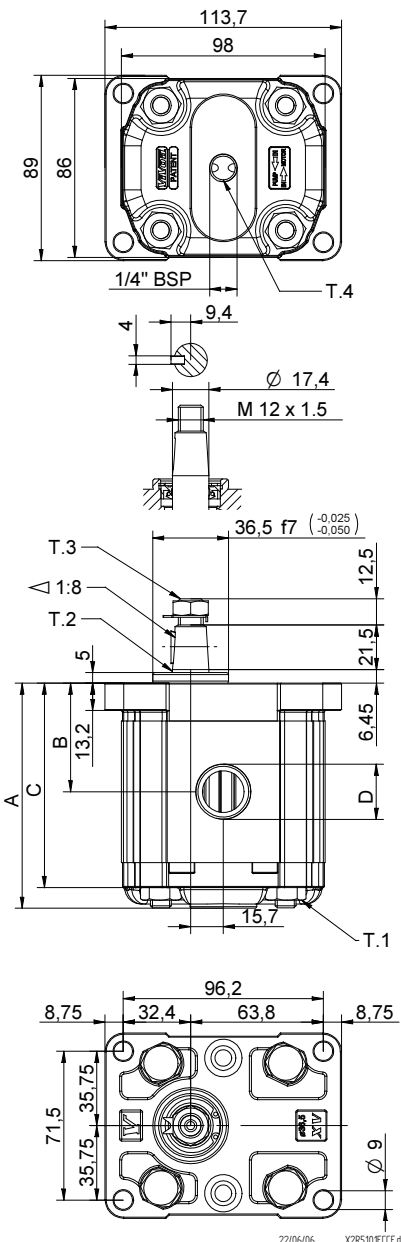
XM207

| Technical data table | | | | | | |
|----------------------|-------------------------|---------------|--------|---------------------|---------------------|-------------------|
| TYPE | Displacement cm3/rev | Max. Pressure | | CODE | | |
| | | P1 bar | P3 bar | External drainage | | Internal drainage |
| XV-2M/04 | 4,20 | 260 | 300 | X 2 M 41 01 E B B E | X 2 M 41 01 E B B F | |
| XV-2M/06 | 6,00 | 260 | 300 | X 2 M 43 01 E B B E | X 2 M 43 01 E B B F | |
| XV-2M/09 | 8,40 | 260 | 300 | X 2 M 45 01 E B B E | X 2 M 45 01 E B B F | |
| XV-2M/11 | 10,80 | 260 | 300 | X 2 M 47 01 E B B E | X 2 M 47 01 E B B F | |
| XV-2M/14 | 14,40 | 250 | 290 | X 2 M 49 01 E C C E | X 2 M 49 01 E C C F | |
| XV-2M/17 | 16,80 | 230 | 270 | X 2 M 51 01 E C C E | X 2 M 51 01 E C C F | |
| XV-2M/19 | 19,20 | 210 | 250 | X 2 M 53 01 E C C E | X 2 M 53 01 E C C F | |
| XV-2M/22 | 22,80 | 200 | 240 | X 2 M 55 01 E C C E | X 2 M 55 01 E C C F | |
| XV-2M/26 | 26,20 | 170 | 210 | X 2 M 57 01 E D D E | X 2 M 57 01 E D D F | |
| XV-2M/30 | 30,00 | 160 | 200 | X 2 M 59 01 E D D E | X 2 M 59 01 E D D F | |
| XV-2M/34 | 34,20 | 150 | 190 | X 2 M 61 01 E D D E | X 2 M 61 01 E D D F | |
| XV-2M/40 | 39,60 | 140 | 180 | X 2 M 63 01 E D D E | X 2 M 63 01 E D D F | |

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 | C | D | D |
| | | mm | mm | mm | IN | OUT |
| XV-2M/04 | 2,200 | 87,2 | 41,7 | 77,2 | 1/2" BSPP | 1/2" BSPP |
| XV-2M/06 | 2,300 | 90,2 | 43,2 | 80,2 | 1/2" BSPP | 1/2" BSPP |
| XV-2M/09 | 2,400 | 94,2 | 45,2 | 84,2 | 1/2" BSPP | 1/2" BSPP |
| XV-2M/11 | 2,500 | 98,2 | 47,2 | 88,2 | 1/2" BSPP | 1/2" BSPP |
| XV-2M/14 | 2,700 | 104,2 | 50,2 | 94,2 | 3/4" BSPP | 3/4" BSPP |
| XV-2M/17 | 2,800 | 108,2 | 52,2 | 98,2 | 3/4" BSPP | 3/4" BSPP |
| XV-2M/19 | 2,900 | 112,2 | 54,2 | 102,2 | 3/4" BSPP | 3/4" BSPP |
| XV-2M/22 | 3,050 | 118,2 | 57,2 | 108,2 | 3/4" BSPP | 3/4" BSPP |
| XV-2M/26 | 3,150 | 122,2 | 59,2 | 112,2 | 1" BSPP | 1" BSPP |
| XV-2M/30 | 3,400 | 130,2 | 63,2 | 120,2 | 1" BSPP | 1" BSPP |
| XV-2M/34 | 3,600 | 137,2 | 66,7 | 127,2 | 1" BSPP | 1" BSPP |
| XV-2M/40 | 3,800 | 146,2 | 71,2 | 136,2 | 1" BSPP | 1" BSPP |



T.1 = 54÷58.9 [Nm] - screw tightening torque M10

T.3 = 40 [Nm] - torque wrench setting 19



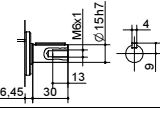
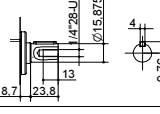

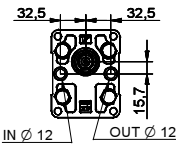

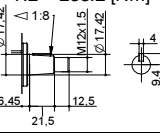
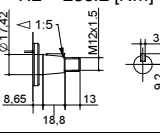

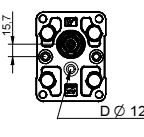

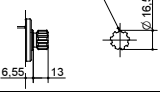
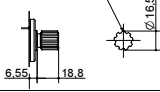


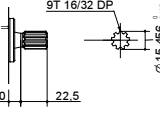
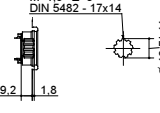

T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

T.4 = 0.3÷0.5 bar - max. drainage pressure

Table of variations

XV-2M

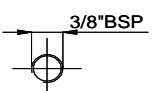
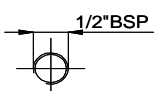
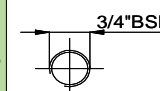
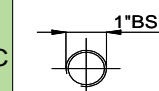
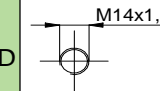
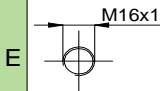
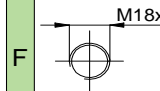
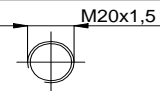
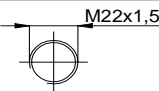
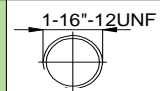
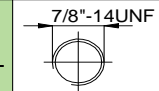
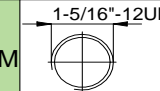
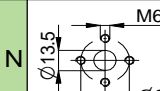
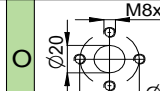
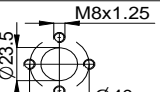
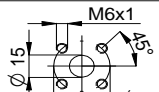
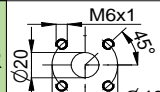
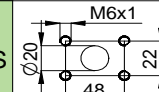
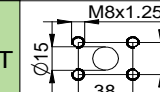
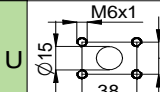

ø36.5 FLANGE

| ø36.5 FLANGE | | Shaft | | | | Cover | |
|---|----|--|---|--|---|---|---|
|  | 01 | CI001 - Parallel T.2 = 44.1 [Nm] | A | CI002 - Parallel T.2 = 67.5 [Nm] | B |  | E |
| | |  | |  | |  | F |
|  | 04 | CO001 - Tapered T.2 = 233.2 [Nm] | E | CO002 - Tapered T.2 = 233.2 [Nm] | F |  | K |
| | |  | |  | |  | L |
|  | 05 | SCF02 - Splined T.2 = 86.1 [Nm] | G | SCF03 - Splined T.2 = 86.1 [Nm] | H |  | P |
| | |  | |  | |  | E |
| | | SCF04 - Splined T.2 = 67.1 [Nm] | I | SCF01 - Splined T.2 = 86.2 [Nm] | L |  | F |
| | |  | |  | |  | K |

| Displacement | |
|--------------|------|
| TYPE | CODE |
| XV-2M/04 | 41 |
| XV-2M/06 | 43 |
| XV-2M/09 | 45 |
| XV-2M/11 | 47 |
| XV-2M/14 | 49 |
| XV-2M/17 | 51 |
| XV-2M/19 | 53 |
| XV-2M/22 | 55 |
| XV-2M/26 | 57 |
| XV-2M/30 | 59 |
| XV-2M/34 | 61 |
| XV-2M/40 | 63 |

| Displacement cm ³ /rev | Standard threads | | | |
|-----------------------------------|------------------|-------|-------|-------|
| | O - O | R - R | B - B | Z - Z |
| 4 | O - O | R - R | B - B | Z - Z |
| 6 | O - O | R - R | B - B | Z - Z |
| 9 | O - O | R - R | B - B | Z - Z |
| 11 | O - O | R - R | B - B | Z - Z |
| 14 | P - P | R - R | C - C | Z - Z |
| 17 | P - P | R - R | C - C | Z - Z |
| 19 | P - P | R - R | C - C | Z - Z |
| 22 | P - P | R - R | C - C | Z - Z |
| 26 | Q - P | S - S | D - D | Z - Z |
| 30 | Q - P | S - S | D - D | Z - Z |
| 34 | Q - P | S - S | D - D | Z - Z |
| 40 | Q - P | S - S | D - D | Z - Z |

Table showing standard flange and thread combinations available in stock

| Body (threads/flanges) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|--|---|---|---|---|---|
|  | A |  | B |  | C |  | D |  | E |  | F |  | G |
|  | H |  | I |  | L |  | M |  | N |  | O |  | P |
|  | Q |  | R |  | S |  | T |  | U |  | V |  | Z |