

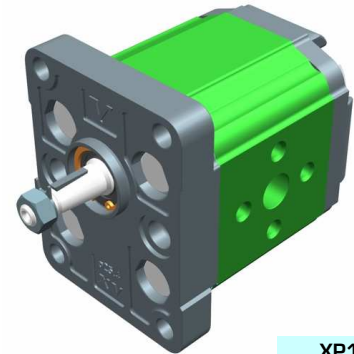
# unidirectional pump - series XV

**XV-1P**

**STANDARD EUROPEAN PUMP**  
**ø25.4 FLANGE - TAPER SHAFT**

**X 1 P 25 02 F I I A**

Series	X	series XV
Group	1	group 1
Category	P	unidirectional pump
Displacement	25	3.8
Flange	02	Ø25.4 STANDARD EUROPEAN right rotation
Shaft	F	CO001 - Tapered 1:8 - ø10 - M7x1 - key thk.2.4
Body	IN	inlet - Ø30 Ø12 M6
	OUT	outlet - Ø30 Ø12 M6
Cover	A	standard



**XP101**

### Technical data table

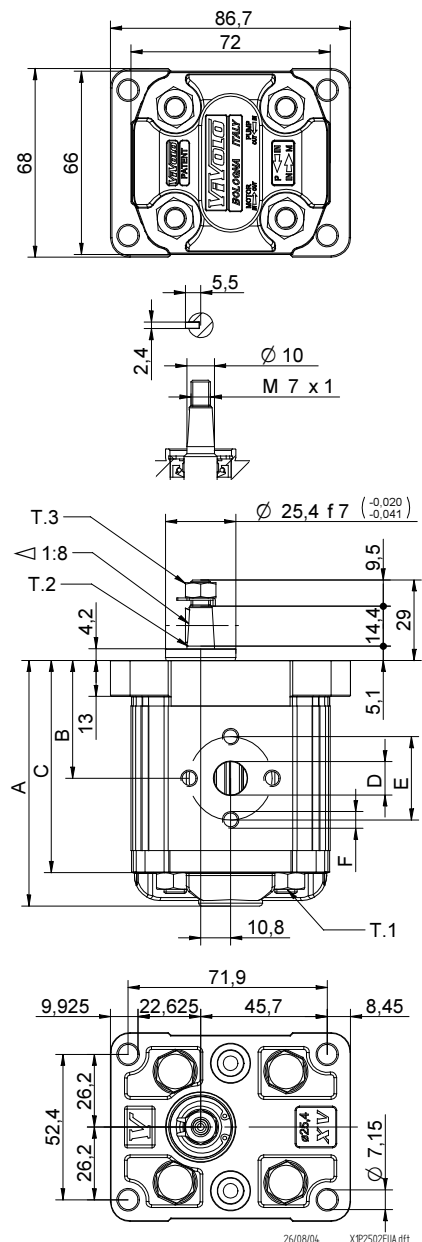
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-1P/0.9	0,91	240	280	X 1 P 16 01 F I I A	X 1 P 16 02 F I I A
XV-1P/1.2	1,17	250	290	X 1 P 17 01 F I I A	X 1 P 17 02 F I I A
XV-1P/1.7	1,56	250	290	X 1 P 18 01 F I I A	X 1 P 18 02 F I I A
XV-1P/2.2	2,08	250	290	X 1 P 20 01 F I I A	X 1 P 20 02 F I I A
XV-1P/2.6	2,60	250	300	X 1 P 21 01 F I I A	X 1 P 21 02 F I I A
XV-1P/3.2	3,12	250	300	X 1 P 23 01 F I I A	X 1 P 23 02 F I I A
XV-1P/3.8	3,64	250	300	X 1 P 25 01 F I I A	X 1 P 25 02 F I I A
XV-1P/4.3	4,16	250	300	X 1 P 27 01 F I I A	X 1 P 27 02 F I I A
XV-1P/4.9	4,94	250	300	X 1 P 29 01 F I I A	X 1 P 29 02 F I I A
XV-1P/5.9	5,85	250	300	X 1 P 31 01 F I I A	X 1 P 31 02 F I I A
XV-1P/6.5	6,50	250	300	X 1 P 32 01 F I I A	X 1 P 32 02 F I I A
XV-1P/7.8	7,54	220	260	X 1 P 34 01 F I I A	X 1 P 34 02 F I I A
XV-1P/9.8	9,88	190	230	X 1 P 36 01 F I I A	X 1 P 36 02 F I I 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	C	D	E	F	D	E	F
		mm	mm	mm	IN	IN	IN	IN	IN	IN
XV-1P/0.9	0,950	78,1	37,3	66,1	ø12	30	M6x1	ø12	30	M6x1
XV-1P/1.2	0,970	79,0	37,8	67,0	ø12	30	M6x1	ø12	30	M6x1
XV-1P/1.7	1,010	80,5	38,5	68,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/2.2	1,030	82,5	39,5	70,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/2.6	1,060	84,5	40,5	72,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/3.2	1,090	86,5	41,5	74,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/3.8	1,120	88,5	42,5	76,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/4.3	1,170	90,5	43,5	78,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/4.9	1,200	93,5	45,0	81,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/5.9	1,260	97,0	46,8	85,0	ø12	30	M6x1	ø12	30	M6x1
XV-1P/6.5	1,300	98,5	48,0	86,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/7.8	1,360	103,5	50,0	91,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/9.8	1,500	112,5	54,5	100,5	ø12	30	M6x1	ø12	30	M6x1



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

T.3 = 11.5 [Nm] - torque wrench setting 11

T.2 = 43 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

# Table of variations

**XV-1P**

## ø25.4 FLANGE

ø25.4 FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	<b>01</b>		<b>02</b>	CO001 - Tapered T.2 = 43 [Nm]		CF002 - Milled shank T.2 = 13.8 [Nm]					
	<b>03</b>		<b>04</b>	SCF04 - Splined T.2 = 22.6 [Nm] m=1.6 Z=6 DIN 5482 - 12x9		SCF02 - Splined T.2 = 42.8 [Nm] m=0.75 Z=15					
	<b>05</b>		<b>06</b>	SCF01 - Splined T.2 = 42.8 [Nm] m=0.75 Z=15		SCF03 - Splined T.2 = 42.8 [Nm] m=0.75 Z=15					
	<b>07</b>		<b>08</b>								

Displacement	
TYPE	CODE
XV-1P/0.9	<b>16</b>
XV-1P/1.2	<b>17</b>
XV-1P/1.7	<b>18</b>
XV-1P/2.2	<b>20</b>
XV-1P/2.6	<b>21</b>
XV-1P/3.2	<b>23</b>
XV-1P/3.8	<b>25</b>
XV-1P/4.3	<b>27</b>
XV-1P/4.9	<b>29</b>
XV-1P/5.9	<b>31</b>
XV-1P/6.5	<b>32</b>
XV-1P/7.8	<b>34</b>
XV-1P/9.8	<b>36</b>

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

		<b>N</b>
Internal drainage		
		<b>O</b>
External drainage		

Body (threads/flanges)							
	<b>A</b>		<b>B</b>		<b>C</b>		<b>D</b>
	<b>E</b>		<b>F</b>		<b>G</b>		
	<b>H</b>		<b>I</b>		<b>J</b>	<b>Closed Body</b>	<b>Z</b>

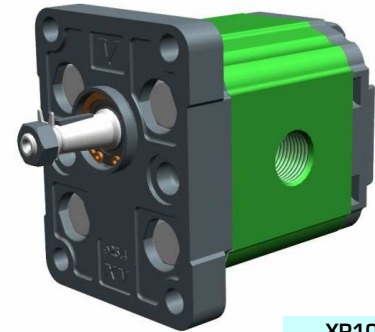
# unidirectional pump - series XV

**XV-1P**

**STANDARD EUROPEAN PUMP**  
**ø25.4 FLANGE - TAPER SHAFT**

**X 1 P 25 02 F B B A**

Series	X	series XV
Group	1	group 1
Category	P	unidirectional pump
Displacement	25	3.8
Flange	02	Ø25.4 STANDARD EUROPEAN right rotation
Shaft	F	CO001 - Tapered 1:8 - ø10 - M7x1 - key thk.2.4
Body	IN	inlet - 3/8" GAS
	OUT	outlet - 3/8" GAS
Cover	A	standard



**XP105**

**Technical data table**

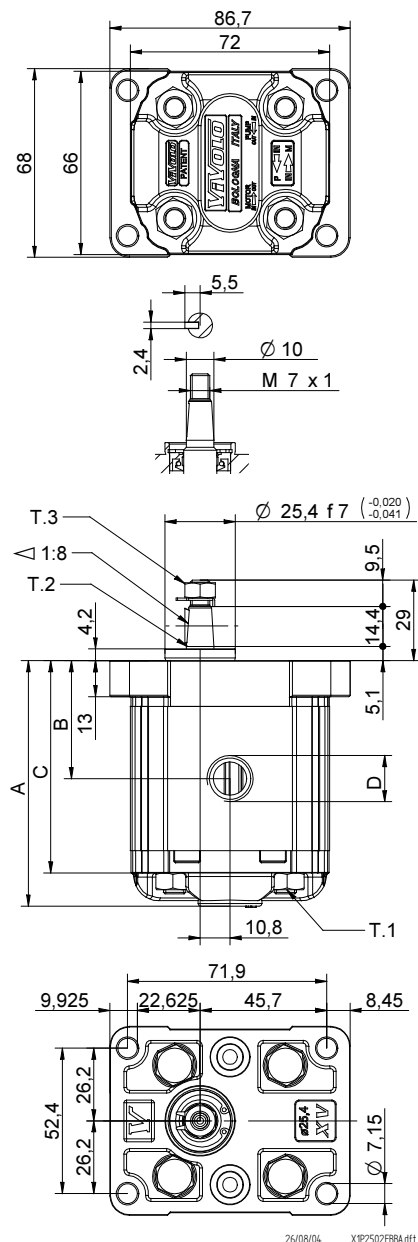
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-1P/0.9	0,91	240	280	X 1 P 16 01 F B B A	X 1 P 16 02 F B B A
XV-1P/1.2	1,17	250	290	X 1 P 17 01 F B B A	X 1 P 17 02 F B B A
XV-1P/1.7	1,56	250	290	X 1 P 18 01 F B B A	X 1 P 18 02 F B B A
XV-1P/2.2	2,08	250	290	X 1 P 20 01 F B B A	X 1 P 20 02 F B B A
XV-1P/2.6	2,60	250	300	X 1 P 21 01 F B B A	X 1 P 21 02 F B B A
XV-1P/3.2	3,12	250	300	X 1 P 23 01 F B B A	X 1 P 23 02 F B B A
XV-1P/3.8	3,64	250	300	X 1 P 25 01 F B B A	X 1 P 25 02 F B B A
XV-1P/4.3	4,16	250	300	X 1 P 27 01 F B B A	X 1 P 27 02 F B B A
XV-1P/4.9	4,94	250	300	X 1 P 29 01 F B B A	X 1 P 29 02 F B B A
XV-1P/5.9	5,85	250	300	X 1 P 31 01 F B B A	X 1 P 31 02 F B B A
XV-1P/6.5	6,50	250	300	X 1 P 32 01 F B B A	X 1 P 32 02 F B B A
XV-1P/7.8	7,54	220	260	X 1 P 34 01 F B B A	X 1 P 34 02 F B B A
XV-1P/9.8	9,88	190	230	X 1 P 36 01 F B B A	X 1 P 36 02 F 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	C	D	D
		mm	mm	mm	IN	OUT
XV-1P/0.9	0,950	78,1	37,3	66,1	3/8" BSPP	3/8" BSPP
XV-1P/1.2	0,970	79,0	37,8	67,0	3/8" BSPP	3/8" BSPP
XV-1P/1.7	1,010	80,5	38,5	68,5	3/8" BSPP	3/8" BSPP
XV-1P/2.2	1,030	82,5	39,5	70,5	3/8" BSPP	3/8" BSPP
XV-1P/2.6	1,060	84,5	40,5	72,5	3/8" BSPP	3/8" BSPP
XV-1P/3.2	1,090	86,5	41,5	74,5	3/8" BSPP	3/8" BSPP
XV-1P/3.8	1,120	88,5	42,5	76,5	3/8" BSPP	3/8" BSPP
XV-1P/4.3	1,170	90,5	43,5	78,5	3/8" BSPP	3/8" BSPP
XV-1P/4.9	1,200	93,5	45,0	81,5	3/8" BSPP	3/8" BSPP
XV-1P/5.9	1,260	97,0	46,8	85,0	3/8" BSPP	3/8" BSPP
XV-1P/6.5	1,300	98,5	48,0	86,5	3/8" BSPP	3/8" BSPP
XV-1P/7.8	1,360	103,5	50,0	91,5	3/8" BSPP	3/8" BSPP
XV-1P/9.8	1,500	112,5	54,5	100,5	3/8" BSPP	3/8" BSPP



26/08/04 XP1P2502FBBAdff

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

T.3 = 11.5 [Nm] - torque wrench setting 11

T.2 = 43 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

# Table of variations

**XV-1P**

## ø25.4 FLANGE

ø25.4 FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	<b>01</b>		<b>02</b>	<b>CO001 - Tapered</b> T.2 = 43 [Nm] 	<b>F</b>	<b>CF002 - Milled shank</b> T.2 = 13.8 [Nm] 	<b>D</b>				<b>A</b>
	<b>03</b>		<b>04</b>	<b>SCF04 - Splined</b> T.2 = 22.6 [Nm] m=1.6 Z=6 DIN 5482 - 12x9 	<b>J</b>	<b>SCF02 - Splined</b> T.2 = 42.8 [Nm] m=0.75 Z=15 	<b>L</b>				<b>B</b>
	<b>05</b>		<b>06</b>	<b>SCF01 - Splined</b> T.2 = 42.8 [Nm] m=0.75 Z=15 	<b>Q</b>	<b>SCF03 - Splined</b> T.2 = 42.8 [Nm] m=0.75 Z=15 	<b>R</b>				<b>C</b>
	<b>07</b>		<b>08</b>								<b>D</b>

Displacement	
TYPE	CODE
XV-1P/0.9	<b>16</b>
XV-1P/1.2	<b>17</b>
XV-1P/1.7	<b>18</b>
XV-1P/2.2	<b>20</b>
XV-1P/2.6	<b>21</b>
XV-1P/3.2	<b>23</b>
XV-1P/3.8	<b>25</b>
XV-1P/4.3	<b>27</b>
XV-1P/4.9	<b>29</b>
XV-1P/5.9	<b>31</b>
XV-1P/6.5	<b>32</b>
XV-1P/7.8	<b>34</b>
XV-1P/9.8	<b>36</b>

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

		<b>N</b>
Internal drainage		
		<b>O</b>
External drainage		

Body (threads/flanges)							
	<b>A</b>		<b>B</b>		<b>C</b>		<b>D</b>
	<b>E</b>		<b>F</b>		<b>G</b>		
	<b>H</b>		<b>I</b>		<b>J</b>	<b>Closed Body</b>	<b>Z</b>

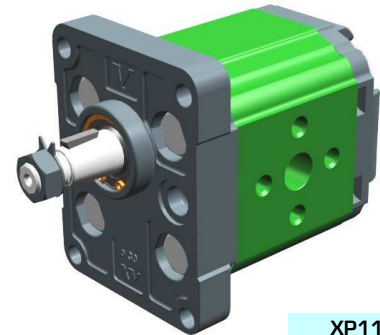
# unidirectional pump - series XV

**XV-1P**

**STANDARD PUMP**  
**ø30 FLANGE - TAPER SHAFT**

**X 1 P 25 12 G I I A**

Series	X	series XV
Group	1	group 1
Category	P	unidirectional pump
Displacement	25	3.8
Flange	12	Ø30 STANDARD right rotation
Shaft	G	CO002 - Tapered 1:8 - ø14 - M10x1 - key thk.3
Body	IN	inlet - Ø30 Ø12 M6
	OUT	outlet - Ø30 Ø12 M6
Cover	A	standard



**XP113**

**Technical data table**

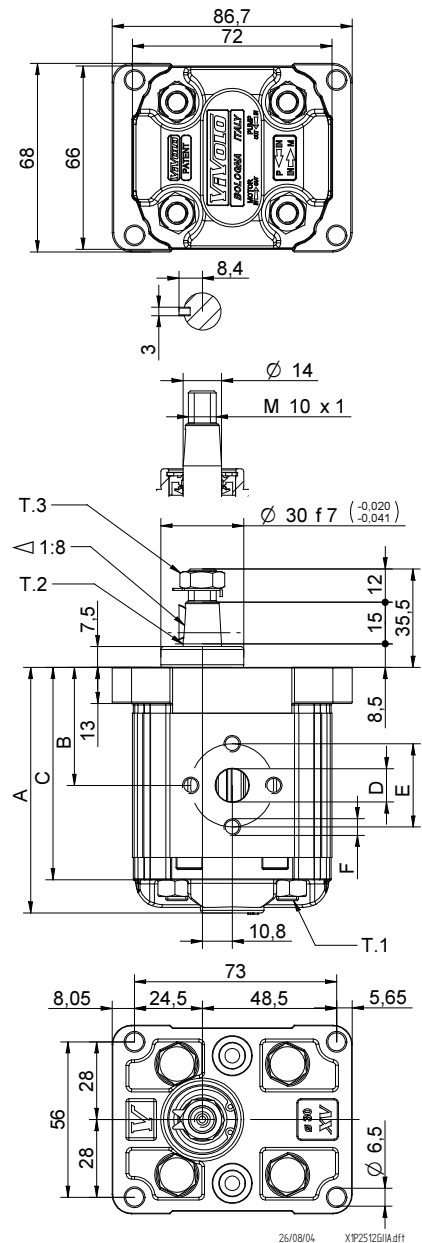
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-1P/0.9	0,91	240	280	X 1 P 16 11 G I I A	X 1 P 16 12 G I I A
XV-1P/1.2	1,17	250	290	X 1 P 17 11 G I I A	X 1 P 17 12 G I I A
XV-1P/1.7	1,56	250	290	X 1 P 18 11 G I I A	X 1 P 18 12 G I I A
XV-1P/2.2	2,08	250	290	X 1 P 20 11 G I I A	X 1 P 20 12 G I I A
XV-1P/2.6	2,60	250	300	X 1 P 21 11 G I I A	X 1 P 21 12 G I I A
XV-1P/3.2	3,12	250	300	X 1 P 23 11 G I I A	X 1 P 23 12 G I I A
XV-1P/3.8	3,64	250	300	X 1 P 25 11 G I I A	X 1 P 25 12 G I I A
XV-1P/4.3	4,16	250	300	X 1 P 27 11 G I I A	X 1 P 27 12 G I I A
XV-1P/4.9	4,94	250	300	X 1 P 29 11 G I I A	X 1 P 29 12 G I I A
XV-1P/5.9	5,85	250	300	X 1 P 31 11 G I I A	X 1 P 31 12 G I I A
XV-1P/6.5	6,50	250	300	X 1 P 32 11 G I I A	X 1 P 32 12 G I I A
XV-1P/7.8	7,54	220	260	X 1 P 34 11 G I I A	X 1 P 34 12 G I I A
XV-1P/9.8	9,88	190	230	X 1 P 36 11 G I I A	X 1 P 36 12 G I I 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	C	D	E	F	D	E	F
		mm	mm	mm	IN	IN	IN	OUT	OUT	OUT
XV-1P/0.9	0,950	78,1	37,3	66,1	ø12	30	M6x1	ø12	30	M6x1
XV-1P/1.2	0,970	79,0	37,8	67,0	ø12	30	M6x1	ø12	30	M6x1
XV-1P/1.7	1,010	80,5	38,5	68,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/2.2	1,030	82,5	39,5	70,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/2.6	1,060	84,5	40,5	72,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/3.2	1,090	86,5	41,5	74,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/3.8	1,120	88,5	42,5	76,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/4.3	1,170	90,5	43,5	78,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/4.9	1,200	93,5	45,0	81,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/5.9	1,260	97,0	46,8	85,0	ø12	30	M6x1	ø12	30	M6x1
XV-1P/6.5	1,300	98,5	48,0	86,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/7.8	1,360	103,5	50,0	91,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/9.8	1,500	112,5	54,5	100,5	ø12	30	M6x1	ø12	30	M6x1



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

T.3 = 13 [Nm] - torque wrench setting 17

T.2 = 119.8 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).



# Table of variations

**XV-1P**

## ø30 FLANGE

ø30 FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	<b>11</b>		<b>12</b>	CI001 - Parallel T.2 = 25.8 [Nm]	<b>A</b>	CO002 - Tapered T.2 = 119.8 [Nm]	<b>G</b>				<b>A</b>
	<b>13</b>		<b>14</b>	CI001+HK - Parallel T.2 = 25.8 [Nm]	<b>P</b>	CO002+HK - Tapered T.2 = 119.8 [Nm]	<b>O</b>				<b>B</b>
	<b>15</b>		<b>16</b>								<b>C</b>
	<b>17</b>		<b>18</b>								<b>D</b>

Displacement	
TYPE	CODE
XV-1P/0.9	<b>16</b>
XV-1P/1.2	<b>17</b>
XV-1P/1.7	<b>18</b>
XV-1P/2.2	<b>20</b>
XV-1P/2.6	<b>21</b>
XV-1P/3.2	<b>23</b>
XV-1P/3.8	<b>25</b>
XV-1P/4.3	<b>27</b>
XV-1P/4.9	<b>29</b>
XV-1P/5.9	<b>31</b>
XV-1P/6.5	<b>32</b>
XV-1P/7.8	<b>34</b>
XV-1P/9.8	<b>36</b>

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

	<b>N</b>
	<b>O</b>

Body (threads/flanges)							
	<b>A</b>		<b>B</b>		<b>C</b>		<b>D</b>
	<b>E</b>		<b>F</b>		<b>G</b>		
	<b>H</b>		<b>I</b>		<b>J</b>	<b>Closed Body</b>	<b>Z</b>

# unidirectional pump - series XV

**XV-1P**

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

**X 1 P 25 42 D B B A**

Series	X	series XV
Group	1	group 1
Category	P	unidirectional pump
Displacement	25	3.8
Flange	42	Ø32 BH right rotation
Shaft	D	CF002 - Milled shank ø10 - thk.5
Body	IN	inlet - 3/8" GAS
	OUT	outlet - 3/8" GAS
Cover	A	standard



XP119

### Technical data table

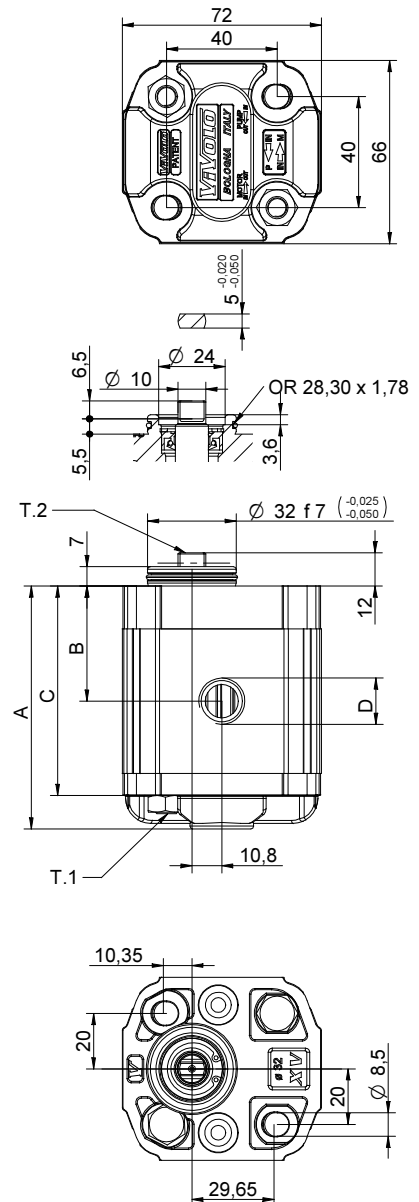
TYPE	Displacement cm3/rev	Max. Pressure		CODE			
		P1 bar	P3 bar	Left rotation		Right rotation	
XV-1P/0.9	0,91	240	280	X 1 P 16 41	D B B A	X 1 P 16 42	D B B A
XV-1P/1.2	1,17	250	290	X 1 P 17 41	D B B A	X 1 P 17 42	D B B A
XV-1P/1.7	1,56	250	290	X 1 P 18 41	D B B A	X 1 P 18 42	D B B A
XV-1P/2.2	2,08	250	290	X 1 P 20 41	D B B A	X 1 P 20 42	D B B A
XV-1P/2.6	2,60	250	300	X 1 P 21 41	D B B A	X 1 P 21 42	D B B A
XV-1P/3.2	3,12	250	300	X 1 P 23 41	D B B A	X 1 P 23 42	D B B A
XV-1P/3.8	3,64	250	300	X 1 P 25 41	D B B A	X 1 P 25 42	D B B A
XV-1P/4.3	4,16	250	300	X 1 P 27 41	D B B A	X 1 P 27 42	D B B A
XV-1P/4.9	4,94	250	300	X 1 P 29 41	D B B A	X 1 P 29 42	D B B A
XV-1P/5.9	5,85	250	300	X 1 P 31 41	D B B A	X 1 P 31 42	D B B A
XV-1P/6.5	6,50	250	300	X 1 P 32 41	D B B A	X 1 P 32 42	D B B A
XV-1P/7.8	7,54	220	260	X 1 P 34 41	D B B A	X 1 P 34 42	D B B A
XV-1P/9.8	9,88	190	230	X 1 P 36 41	D B B A	X 1 P 36 42	D 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	C	D	
		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



26/08/04 XP254,2DBBA.dft

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**

## ø32 "BH" Body-Shaped FLANGE

ø32 "BH" Body-Shaped FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	<b>41</b>		<b>42</b>	CF002 - Milled shank T.2 = 13.8 [Nm] 	<b>D</b>	CO001 - Tapered T.2 = 43 [Nm] 	<b>F</b>			<b>A</b>	
	<b>43</b>		<b>44</b>	SCF02 - Splined T.2 = 42.8 [Nm] m=0,75 Z=15 	<b>L</b>	SCF04 - Splined T.2 = 22.6 [Nm] m=1,6 Z=6 DIN 5482 - 12x9 	<b>J</b>			<b>B</b>	
	<b>45</b>		<b>46</b>	SCF01 - Splined T.2 = 42.8 [Nm] m=0,75 Z=15 	<b>Q</b>	SCF03 - Splined T.2 = 42.8 [Nm] m=0,75 Z=15 	<b>R</b>			<b>C</b>	
	<b>47</b>		<b>48</b>							<b>D</b>	

Displacement	
TYPE	CODE
XV-1P/0.9	<b>16</b>
XV-1P/1.2	<b>17</b>
XV-1P/1.7	<b>18</b>
XV-1P/2.2	<b>20</b>
XV-1P/2.6	<b>21</b>
XV-1P/3.2	<b>23</b>
XV-1P/3.8	<b>25</b>
XV-1P/4.3	<b>27</b>
XV-1P/4.9	<b>29</b>
XV-1P/5.9	<b>31</b>
XV-1P/6.5	<b>32</b>
XV-1P/7.8	<b>34</b>
XV-1P/9.8	<b>36</b>

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

		<b>N</b>
Internal drainage		
		<b>O</b>
External drainage		

Body (threads/flanges)													
	<b>A</b>		<b>B</b>		<b>C</b>		<b>D</b>		<b>E</b>		<b>F</b>		<b>G</b>
	<b>H</b>		<b>I</b>		<b>J</b>		<b>Z</b>						
Closed Body													



# unidirectional pump - series XV

**XV-1P**

"HY" TYPE PUMP  
 ø32 BODY-SHAPED FLANGE - MILLED SHANK

**X 1 P 25 52 D B B A**

Series	X	series XV
Group	1	group 1
Category	P	unidirectional pump
Displacement	25	3.8
Flange	52	Ø32 HY right rotation
Shaft	D	CF002 - Milled shank ø10 - thk.5
Body	IN	inlet - 3/8" GAS
	OUT	outlet - 3/8" GAS
Cover	A	standard



XP140

### Technical data table

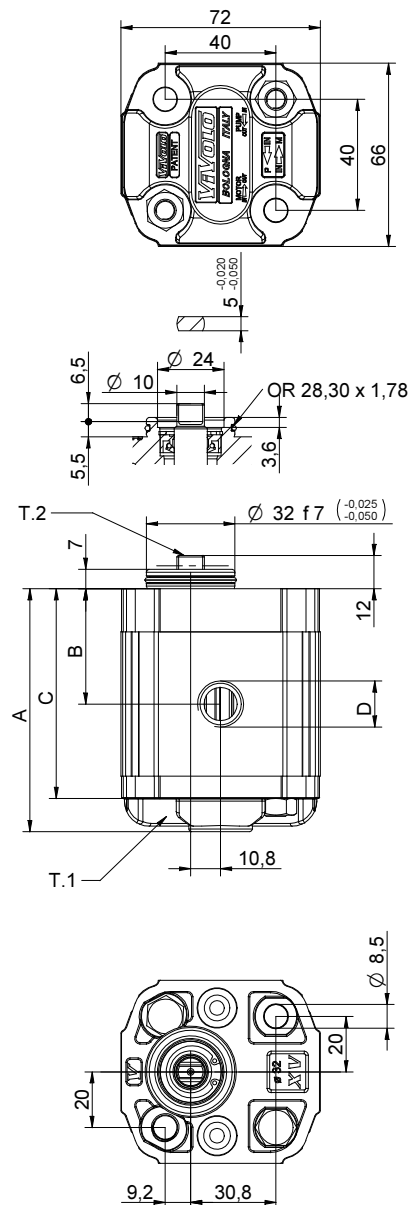
TYPE	Displacement cm3/rev	Max. Pressure		CODE			
		P1 bar	P3 bar	Left rotation		Right rotation	
XV-1P/0.9	0,91	240	280	X 1 P 16 51	D B B A	X 1 P 16 52	D B B A
XV-1P/1.2	1,17	250	290	X 1 P 17 51	D B B A	X 1 P 17 52	D B B A
XV-1P/1.7	1,56	250	290	X 1 P 18 51	D B B A	X 1 P 18 52	D B B A
XV-1P/2.2	2,08	250	290	X 1 P 20 51	D B B A	X 1 P 20 52	D B B A
XV-1P/2.6	2,60	250	300	X 1 P 21 51	D B B A	X 1 P 21 52	D B B A
XV-1P/3.2	3,12	250	300	X 1 P 23 51	D B B A	X 1 P 23 52	D B B A
XV-1P/3.8	3,64	250	300	X 1 P 25 51	D B B A	X 1 P 25 52	D B B A
XV-1P/4.3	4,16	250	300	X 1 P 27 51	D B B A	X 1 P 27 52	D B B A
XV-1P/4.9	4,94	250	300	X 1 P 29 51	D B B A	X 1 P 29 52	D B B A
XV-1P/5.9	5,85	250	300	X 1 P 31 51	D B B A	X 1 P 31 52	D B B A
XV-1P/6.5	6,50	250	300	X 1 P 32 51	D B B A	X 1 P 32 52	D B B A
XV-1P/7.8	7,54	220	260	X 1 P 34 51	D B B A	X 1 P 34 52	D B B A
XV-1P/9.8	9,88	190	230	X 1 P 36 51	D B B A	X 1 P 36 52	D 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	C	D	D
		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



26/08/04 XP2552DBBA.dft

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**

## ø32 "HY" Body-Shaped FLANGE

ø32 "HY" Body-Shaped FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	<b>51</b>		<b>52</b>	CF002 - Milled shank T.2 = 13.8 [Nm] 	<b>D</b>	CO001 - Tapered T.2 = 43 [Nm] 	<b>F</b>			<b>A</b>	
	<b>53</b>		<b>54</b>	SCF02 - Splined T.2 = 42.8 [Nm] m=0,75 Z=15 	<b>L</b>	SCF04 - Splined T.2 = 22.6 [Nm] m=1,6 Z=6 DIN 5482 - 12x9 	<b>J</b>			<b>B</b>	
	<b>55</b>		<b>56</b>	SCF01 - Splined T.2 = 42.8 [Nm] m=0,75 Z=15 	<b>Q</b>	SCF03 - Splined T.2 = 42.8 [Nm] m=0,75 Z=15 	<b>R</b>			<b>C</b>	
	<b>57</b>		<b>58</b>							<b>D</b>	

Displacement	
TYPE	CODE
XV-1P/0.9	<b>16</b>
XV-1P/1.2	<b>17</b>
XV-1P/1.7	<b>18</b>
XV-1P/2.2	<b>20</b>
XV-1P/2.6	<b>21</b>
XV-1P/3.2	<b>23</b>
XV-1P/3.8	<b>25</b>
XV-1P/4.3	<b>27</b>
XV-1P/4.9	<b>29</b>
XV-1P/5.9	<b>31</b>
XV-1P/6.5	<b>32</b>
XV-1P/7.8	<b>34</b>
XV-1P/9.8	<b>36</b>

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

		<b>N</b>
Internal drainage		
		<b>O</b>
External drainage		

Body (threads/flanges)													
	<b>A</b>		<b>B</b>		<b>C</b>		<b>D</b>		<b>E</b>		<b>F</b>		<b>G</b>
	<b>H</b>		<b>I</b>		<b>J</b>		<b>Z</b>						
Closed Body													

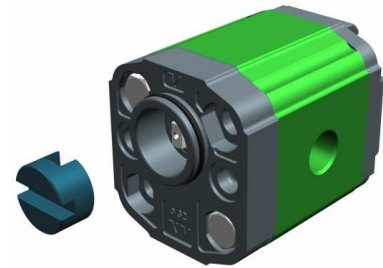
# unidirectional pump - series XV

**XV-1P**

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

**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 STANDARDIZED right rotation
Shaft	C	CF001 - Milled shank ø10 - thk.5 ("BH" Standard German)
Body	IN	inlet - 3/8" GAS
	OUT	outlet - 3/8" GAS
Cover	A	standard



**XP161**

### Technical data table

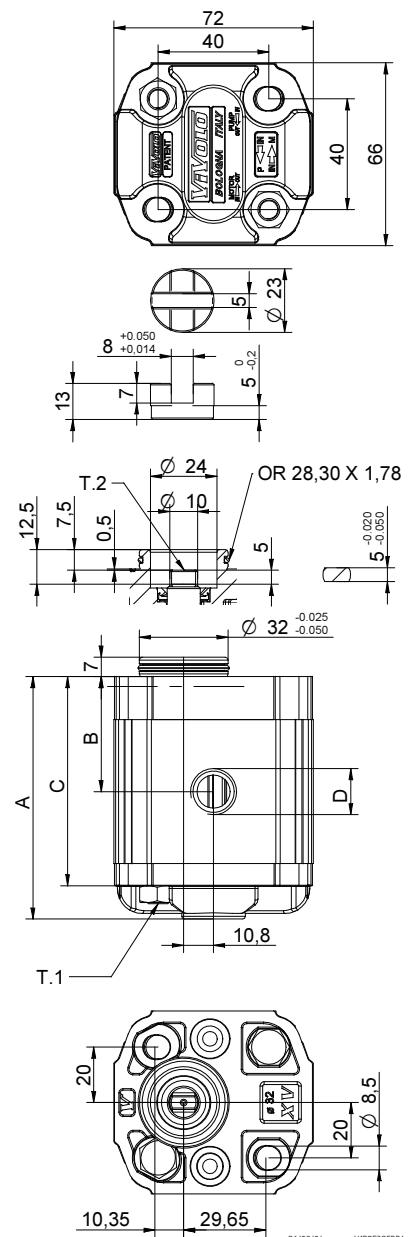
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-1P/0.9	0,91	240	280	X 1 P 16 31 C B B A	X 1 P 16 32 C B B A
XV-1P/1.2	1,17	250	290	X 1 P 17 31 C B B A	X 1 P 17 32 C B B A
XV-1P/1.7	1,56	250	290	X 1 P 18 31 C B B A	X 1 P 18 32 C B B A
XV-1P/2.2	2,08	250	290	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 kg	A	B	C	D	D
		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		Left rotation		Right rotation	
	<b>31</b>		<b>32</b>	CF001 - Milled shank T.2 = 13.8 [Nm] 	<b>C</b>	SCF01 - Splined T.2 = 42.8 [Nm] m=0,75 Z=15 	<b>Q</b>				<b>A</b>
	<b>33</b>		<b>34</b>	SCF03 - Splined T.2 = 42.8 [Nm] m=0,75 Z=15 	<b>R</b>						<b>B</b>
	<b>35</b>		<b>36</b>								<b>C</b>
	<b>37</b>		<b>38</b>								<b>D</b>

Displacement	
TYPE	CODE
XV-1P/0.9	<b>16</b>
XV-1P/1.2	<b>17</b>
XV-1P/1.7	<b>18</b>
XV-1P/2.2	<b>20</b>
XV-1P/2.6	<b>21</b>
XV-1P/3.2	<b>23</b>
XV-1P/3.8	<b>25</b>
XV-1P/4.3	<b>27</b>
XV-1P/4.9	<b>29</b>
XV-1P/5.9	<b>31</b>
XV-1P/6.5	<b>32</b>
XV-1P/7.8	<b>34</b>
XV-1P/9.8	<b>36</b>

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

		<b>N</b>
Internal drainage		
		<b>O</b>
External drainage		

Body (threads/flanges)													
	<b>A</b>		<b>B</b>		<b>C</b>		<b>D</b>		<b>E</b>		<b>F</b>		<b>G</b>
	<b>H</b>		<b>I</b>		<b>J</b>		<b>Z</b>	Closed Body					

# unidirectional pump - series XV

**XV-1P**

"SAE AA" TYPE PUMP  
 ø50.8 FLANGE - PARALLEL SHAFT



**X 1 P 25 62 B B B A**

Series	X	series XV
Group	1	group 1
Category	P	unidirectional pump
Displacement	25	3.8
Flange	62	ø50.8 SAE AA right rotation
Shaft	B	CI002 - Parallel ø12.7 - key thk. 3.2 (SAE AA)
Body	IN	inlet - 3/8" GAS
	OUT	outlet - 3/8" GAS
Cover	A	standard



XP168

Technical data table

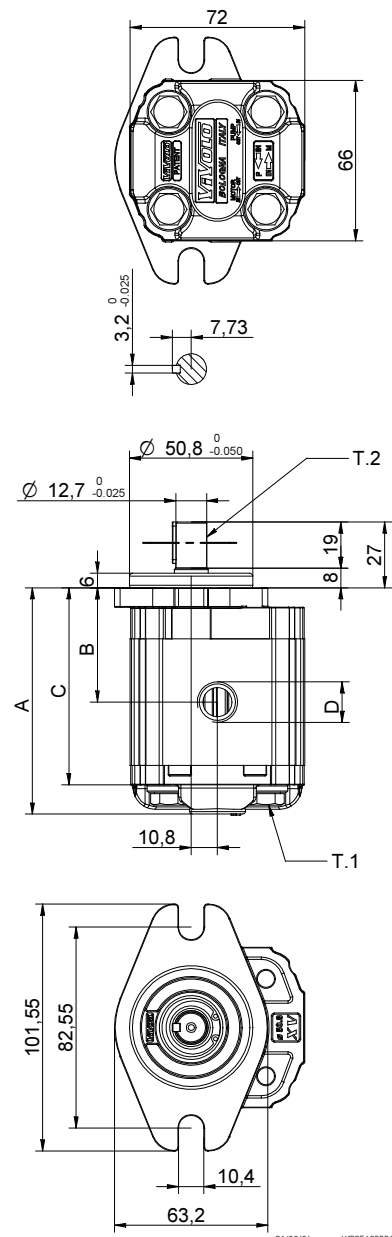
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-1P/0.9	0,91	240	280	X 1 P 16 61 B B B A	X 1 P 16 62 B B B A
XV-1P/1.2	1,17	250	290	X 1 P 17 61 B B B A	X 1 P 17 62 B B B A
XV-1P/1.7	1,56	250	290	X 1 P 18 61 B B B A	X 1 P 18 62 B B B A
XV-1P/2.2	2,08	250	290	X 1 P 20 61 B B B A	X 1 P 20 62 B B B A
XV-1P/2.6	2,60	250	300	X 1 P 21 61 B B B A	X 1 P 21 62 B B B A
XV-1P/3.2	3,12	250	300	X 1 P 23 61 B B B A	X 1 P 23 62 B B B A
XV-1P/3.8	3,64	250	300	X 1 P 25 61 B B B A	X 1 P 25 62 B B B A
XV-1P/4.3	4,16	250	300	X 1 P 27 61 B B B A	X 1 P 27 62 B B B A
XV-1P/4.9	4,94	250	300	X 1 P 29 61 B B B A	X 1 P 29 62 B B B A
XV-1P/5.9	5,85	250	300	X 1 P 31 61 B B B A	X 1 P 31 62 B B B A
XV-1P/6.5	6,50	250	300	X 1 P 32 61 B B B A	X 1 P 32 62 B B B A
XV-1P/7.8	7,54	220	260	X 1 P 34 61 B B B A	X 1 P 34 62 B B B A
XV-1P/9.8	9,88	190	230	X 1 P 36 61 B B B A	X 1 P 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	C	D	D
		mm	mm	mm	IN	OUT
XV-1P/0.9	1,000	82,6	41,8	70,6	3/8" BSPP	3/8" BSPP
XV-1P/1.2	1,020	83,5	42,3	71,5	3/8" BSPP	3/8" BSPP
XV-1P/1.7	1,060	85,0	43,0	73,0	3/8" BSPP	3/8" BSPP
XV-1P/2.2	1,080	87,0	44,0	75,0	3/8" BSPP	3/8" BSPP
XV-1P/2.6	1,110	89,0	45,0	77,0	3/8" BSPP	3/8" BSPP
XV-1P/3.2	1,140	91,0	46,0	79,0	3/8" BSPP	3/8" BSPP
XV-1P/3.8	1,170	93,0	47,0	81,0	3/8" BSPP	3/8" BSPP
XV-1P/4.3	1,220	95,0	48,0	83,0	3/8" BSPP	3/8" BSPP
XV-1P/4.9	1,250	98,0	49,5	86,0	3/8" BSPP	3/8" BSPP
XV-1P/5.9	1,310	101,5	51,3	89,5	3/8" BSPP	3/8" BSPP
XV-1P/6.5	1,350	105,0	52,5	93,0	3/8" BSPP	3/8" BSPP
XV-1P/7.8	1,410	108,0	54,5	96,0	3/8" BSPP	3/8" BSPP
XV-1P/9.8	1,550	117,0	59,0	105,0	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

**XV-1P**

## ø50.8 FLANGE "SAE AA"

ø50.8 FLANGE "SAE AA"		Shaft		Cover			
Left rotation	Right rotation			Left rotation	Right rotation		
		CI001 - Parallel T.2 = 25.8 [Nm] 	A	CI002 - Parallel T.2 = 32.8 [Nm] SAE 	B	 	A
61	62	CF003 - Milled shank T.2 = 25.9 [Nm] SAE 	E	CO002 - Tapered T.2 = 119.8 [Nm] 	G	 	B
		CO004 - Tapered T.2 = 90.4 [Nm] SAE 	I	SCF05 - Splined T.2 = 32.2 [Nm] SAE J 498 9T 20/40 DP 	K	 	C
		CO002+HK - Tapered T.2 = 119.8 [Nm] 	O	CI001+HK - Parallel T.2 = 25.8 [Nm] 	P	 	D
						 	N
						 	O

Displacement	
TYPE	CODE
XV-1P/0.9	16
XV-1P/1.2	17
XV-1P/1.7	18
XV-1P/2.2	20
XV-1P/2.6	21
XV-1P/3.2	23
XV-1P/3.8	25
XV-1P/4.3	27
XV-1P/4.9	29
XV-1P/5.9	31
XV-1P/6.5	32
XV-1P/7.8	34
XV-1P/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