

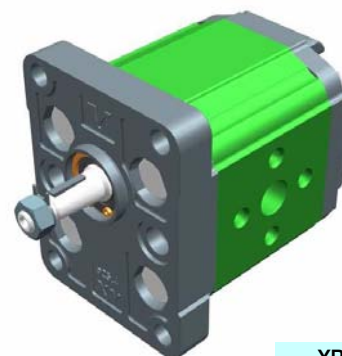
unidirectional pump - series XV

STANDARD EUROPEAN PUMP
ø25.4 FLANGE - TAPER SHAFT

XV-1P

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	I inlet - Ø30 Ø12 M6
	OUT	I outlet - Ø30 Ø12 M6
Cover	A	standard



XP101

Technical data table

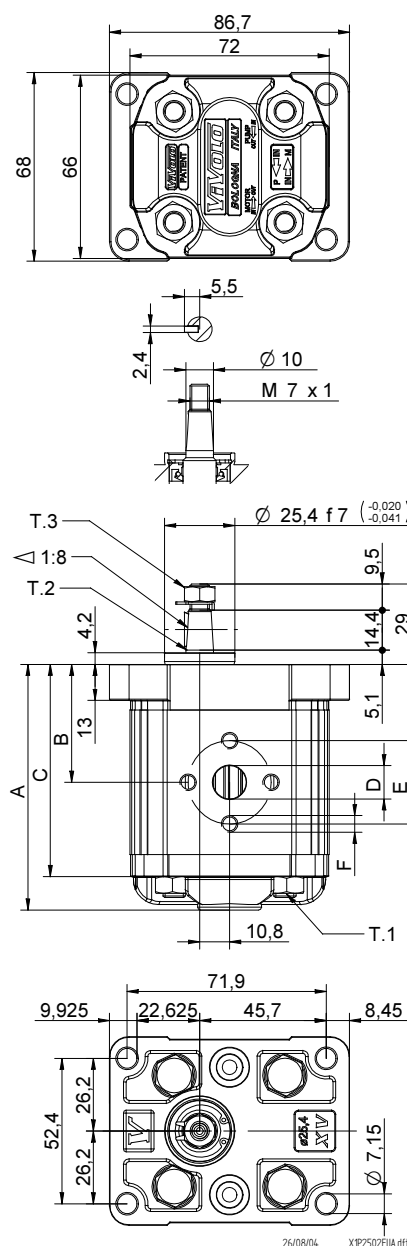
TYPE	Displacement cm ³ /rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-1P/0.9	0,91	240	280	X 1 P 16 01 F I I A	X 1 P 16 02 F I I A
XV-1P/1.2	1,17	250	290	X 1 P 17 01 F I I A	X 1 P 17 02 F I I A
XV-1P/1.7	1,56	250	290	X 1 P 18 01 F I I A	X 1 P 18 02 F I I A
XV-1P/2.2	2,08	250	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			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 = 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	
	01		02	CO001 - Tapered T.2 = 43 [Nm] 	F	CF002 - Milled shank T.2 = 13.8 [Nm] 	D				A
 OUT Ø 9.25	03	 OUT Ø 9.25	04	SCF04 - Splined T.2 = 22.6 [Nm] m=1.6 Z=6 DIN 5482 - 12x9 	J	SCF02 - Splined T.2 = 42.8 [Nm] m=0.75 Z=15 	L	 IN 3/8 BSP		 IN 3/8 BSP	B
 IN Ø 9.25	05	 IN Ø 9.25	06	SCF01 - Splined T.2 = 42.8 [Nm] m=0.75 Z=15 	Q	SCF03 - Splined T.2 = 42.8 [Nm] m=0.75 Z=15 	R	 OUT 3/8 BSP		 OUT 3/8 BSP	C
 OUT Ø 9.25 IN Ø 9.25	07	 IN Ø 9.25 OUT Ø 9.25	08					 IN 3/8 BSP OUT 3/8 BSP		 OUT 3/8 BSP IN 3/8 BSP	D
Displacement				Standard bodies				 Internal drainage		 Internal drainage	N
TYPE	CODE	Displacement cm3/rev		Standard threads				 External drainage		 External drainage	O
XV-1P/0.9	16	0.9	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/1.2	17	1.2	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/1.7	18	1.7	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/2.2	20	2.2	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/2.6	21	2.6	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/3.2	23	3.2	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/3.8	25	3.8	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/4.3	27	4.3	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/4.9	29	4.9	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/5.9	31	5.9	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/6.5	32	6.5	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/7.8	34	7.8	I - I	B - B	J - J	B - Z	Z - Z				
XV-1P/9.8	36	9.8	I - I	B - B	J - J	B - Z	Z - Z				

Table showing standard flange and thread combinations available in stock

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