

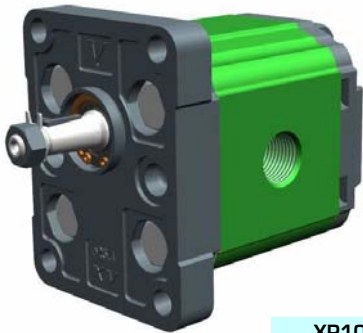
unidirectional pump - series XV

STANDARD EUROPEAN PUMP
ø25.4 FLANGE - TAPER SHAFT

XV-1P

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	B inlet - 3/8" GAS
	OUT	B outlet - 3/8" GAS
Cover	A	standard



XP105

Technical data table

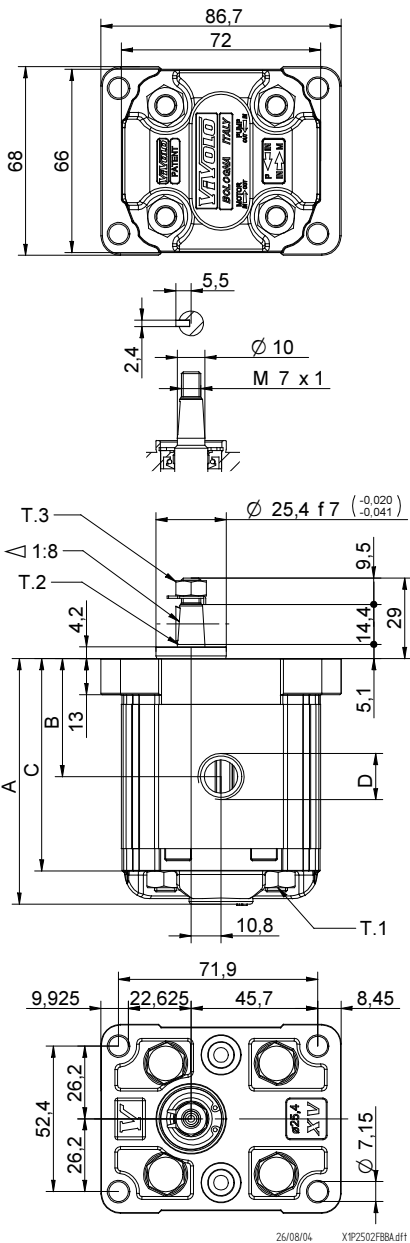
TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
XV-1P/0.9	0,91	240	280	X 1 P 16 01 F B B A	X 1 P 16 02 F B B A
XV-1P/1.2	1,17	250	290	X 1 P 17 01 F B B A	X 1 P 17 02 F B B A
XV-1P/1.7	1,56	250	290	X 1 P 18 01 F B B A	X 1 P 18 02 F B B A
XV-1P/2.2	2,08	250	290	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	A	B	C	D	D
	kg	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



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).

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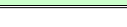
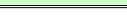
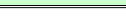
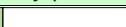
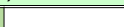
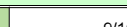
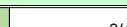
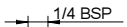
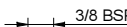
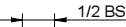
02/07/2009

XV-1P

$\varnothing 25.4$ 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
	03		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			B
	05		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			C
	07		08							D

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						