

XV-1U

SAE AA TYPE MOTOR

Ø50.8 FLANGE - PARALLEL SHAFT

X	1	U	25	62	B	B	B	A
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Series	X	series XV
Group	1	group 1
Category	U	unidirectional motor
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	B inlet - 3/8" GAS
	OUT	B outlet - 3/8" GAS
Cover	A	standard



XU168

Technical data table

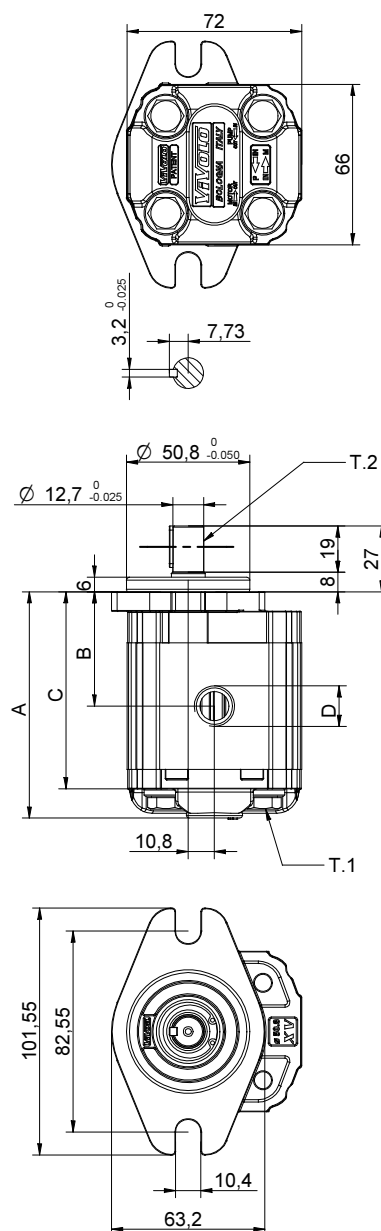
TYPE	Displacement	Max. Pressure		CODE																	
	cm3/rev	P1 bar	P3 bar	 Left rotation								 Right rotation									
XV-1U/0.9	0,91	240	280	X	1	U	16	61	B	B	B	A	X	1	U	16	62	B	B	B	A
XV-1U/1.2	1,17	250	290	X	1	U	17	61	B	B	B	A	X	1	U	17	62	B	B	B	A
XV-1U/1.7	1,56	250	290	X	1	U	18	61	B	B	B	A	X	1	U	18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



26/08/04 X1P2562BBBA.dff

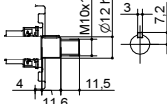
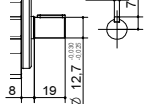
T.1 = 24.5÷29.4 [Nm] - screw tightening torque M8

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

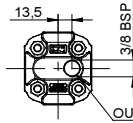
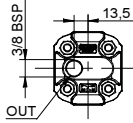
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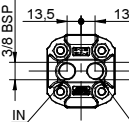
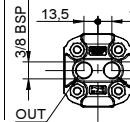
Ø50.8 FLANGE "SAE AA"

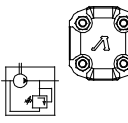
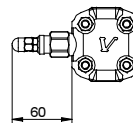
ø50.8 FLANGE "SAE AA"			
Left rotation		Right rotation	
	61		62

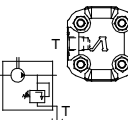
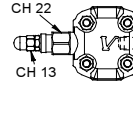
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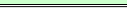
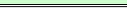
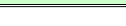
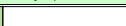
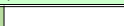
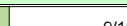
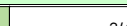
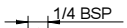
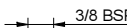
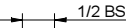
Shaft			
Left rotation		Right rotation	

Cover			
Left rotation		Right rotation	

Shaft			
Left rotation		Right rotation	

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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						