

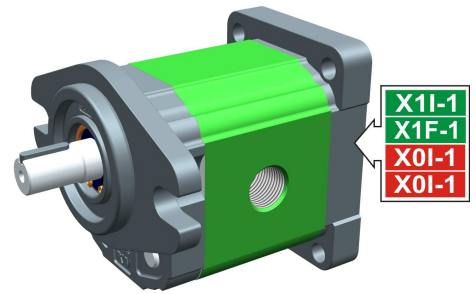
# entrainment pump - series XV

"SAE AA" DRIVING PUMP

X1T

**X 1 T 25 62 B B B A**

Series	X	series XV
Group	1	group 1
Category	T	entrainment pump
Displacement	25	3.8
Flange	62	Ø50.8 SAE AA right rotation
Shaft	B	CIP02 - Parallel ø12.7 - key thk. 3.2 (SAE AA)
Body	IN	inlet - 3/8" GAS
	OUT	outlet - 3/8" GAS
Cover	A	ø25,5 female cover for left multiple pump element



XT168

Technical data table

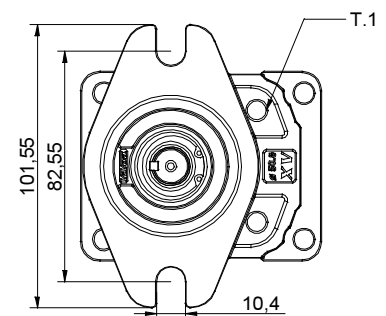
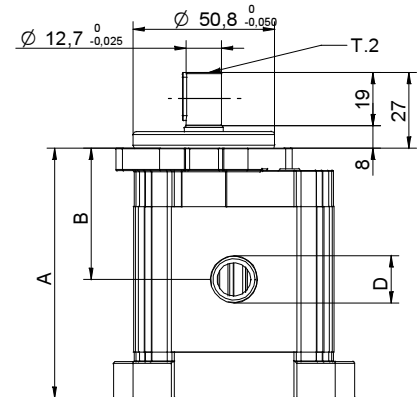
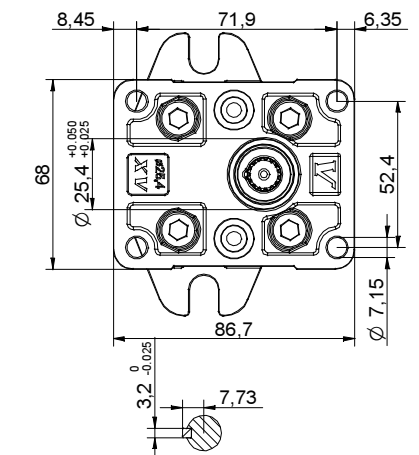
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
X1T/0.9	0,91	240	280	X 1 T 16 61 B B B A	X 1 T 16 62 B B B A
X1T/1.2	1,17	250	290	X 1 T 17 61 B B B A	X 1 T 17 62 B B B A
X1T/1.7	1,56	250	290	X 1 T 18 61 B B B A	X 1 T 18 62 B B B A
X1T/2.2	2,08	250	290	X 1 T 20 61 B B B A	X 1 T 20 62 B B B A
X1T/2.6	2,60	250	300	X 1 T 21 61 B B B A	X 1 T 21 62 B B B A
X1T/3.2	3,12	250	300	X 1 T 23 61 B B B A	X 1 T 23 62 B B B A
X1T/3.8	3,64	250	300	X 1 T 25 61 B B B A	X 1 T 25 62 B B B A
X1T/4.3	4,16	250	300	X 1 T 27 61 B B B A	X 1 T 27 62 B B B A
X1T/4.9	4,94	250	300	X 1 T 29 61 B B B A	X 1 T 29 62 B B B A
X1T/5.9	5,85	250	300	X 1 T 31 61 B B B A	X 1 T 31 62 B B B A
X1T/6.5	6,50	250	300	X 1 T 32 61 B B B A	X 1 T 32 62 B B B A
X1T/7.8	7,54	220	260	X 1 T 34 61 B B B A	X 1 T 34 62 B B B A
X1T/9.8	9,88	190	230	X 1 T 36 61 B B B A	X 1 T 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	D	
		mm	mm	IN	OUT
X1T/0.9	1,000	79,0	41,8	3/8" BSPP	3/8" BSPP
X1T/1.2	1,020	80,0	42,3	3/8" BSPP	3/8" BSPP
X1T/1.7	1,060	81,5	43,0	3/8" BSPP	3/8" BSPP
X1T/2.2	1,080	83,5	44,0	3/8" BSPP	3/8" BSPP
X1T/2.6	1,110	85,5	45,0	3/8" BSPP	3/8" BSPP
X1T/3.2	1,140	87,5	46,0	3/8" BSPP	3/8" BSPP
X1T/3.8	1,170	89,5	47,0	3/8" BSPP	3/8" BSPP
X1T/4.3	1,220	91,5	48,0	3/8" BSPP	3/8" BSPP
X1T/4.9	1,250	94,5	49,5	3/8" BSPP	3/8" BSPP
X1T/5.9	1,310	98,0	51,3	3/8" BSPP	3/8" BSPP
X1T/6.5	1,350	100,5	52,5	3/8" BSPP	3/8" BSPP
X1T/7.8	1,410	104,5	54,5	3/8" BSPP	3/8" BSPP
X1T/9.8	1,550	113,5	59,0	3/8" BSPP	3/8" BSPP



010/0/08 XT12562888A.dft

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

**X1T**

## ø50.8 FLANGE "SAE AA"

ø50.8 FLANGE "SAE AA"		Shaft		Cover				
Left rotation	Right rotation			Left rotation	Right rotation			
		<b>CIP01 - Parallel</b> T.2 = 25.8 [Nm] 	<b>A</b>	<b>CIP02 - Parallel</b> T.2 = 32.8 [Nm] SAE 3.2 	<b>B</b>			<b>A</b>
<b>61</b>	<b>62</b>	<b>CFP03 - Milled shank</b> T.2 = 25.9 [Nm] SAE 	<b>E</b>	<b>COP02 - Tapered</b> T.2 = 119.8 [Nm] 	<b>G</b>			<b>D</b>
		<b>CO004 - Tapered</b> T.2 = 90.4 [Nm] SAE 	<b>I</b>	<b>SCF05 - Splined</b> T.2 = 32.2 [Nm] SAE J 498 9T 20/40 DP 	<b>K</b>			
		<b>COP02+HK - Tapered</b> T.2 = 119.8 [Nm] HK 14-12 	<b>O</b>	<b>CI001+HK - Parallel</b> T.2 = 25.8 [Nm] HK 14-12 	<b>P</b>			

Displacement	
TYPE	CODE
X1T/0.9	<b>16</b>
X1T/1.2	<b>17</b>
X1T/1.7	<b>18</b>
X1T/2.2	<b>20</b>
X1T/2.6	<b>21</b>
X1T/3.2	<b>23</b>
X1T/3.8	<b>25</b>
X1T/4.3	<b>27</b>
X1T/4.9	<b>29</b>
X1T/5.9	<b>31</b>
X1T/6.5	<b>32</b>
X1T/7.8	<b>34</b>
X1T/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

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>						