

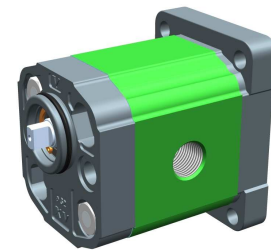
# entrainment pump - series XV

X1T

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

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

Series	X	series XV
Group	1	group 1
Category	T	entrainment pump
Displacement	25	3.8
Flange	42	Ø32 BH right rotation
Shaft	D	CFP02 - Milled shank ø10 - thk.5
Body	IN	inlet - 3/8" GAS
	OUT	outlet - 3/8" GAS
Cover	A	ø25,5 female cover for left multiple pump element



X1I-1  
 X1F-1  
 X0I-1  
 X0I-1

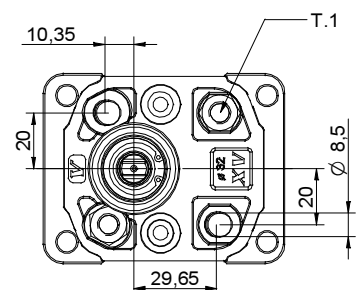
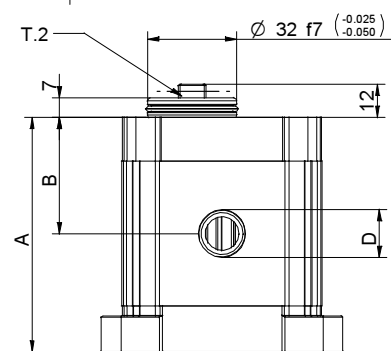
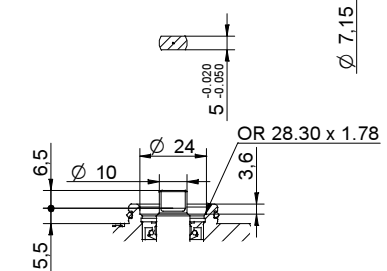
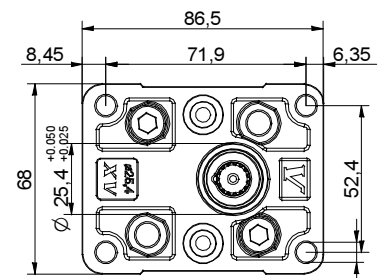
XT119

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 41	D B B A	X 1 T 16 42 D B B A
X1T/1.2	1,17	250	290	X 1 T 17 41	D B B A	X 1 T 17 42 D B B A
X1T/1.7	1,56	250	290	X 1 T 18 41	D B B A	X 1 T 18 42 D B B A
X1T/2.2	2,08	250	290	X 1 T 20 41	D B B A	X 1 T 20 42 D B B A
X1T/2.6	2,60	250	300	X 1 T 21 41	D B B A	X 1 T 21 42 D B B A
X1T/3.2	3,12	250	300	X 1 T 23 41	D B B A	X 1 T 23 42 D B B A
X1T/3.8	3,64	250	300	X 1 T 25 41	D B B A	X 1 T 25 42 D B B A
X1T/4.3	4,16	250	300	X 1 T 27 41	D B B A	X 1 T 27 42 D B B A
X1T/4.9	4,94	250	300	X 1 T 29 41	D B B A	X 1 T 29 42 D B B A
X1T/5.9	5,85	250	300	X 1 T 31 41	D B B A	X 1 T 31 42 D B B A
X1T/6.5	6,50	250	300	X 1 T 32 41	D B B A	X 1 T 32 42 D B B A
X1T/7.8	7,54	220	260	X 1 T 34 41	D B B A	X 1 T 34 42 D B B A
X1T/9.8	9,88	190	230	X 1 T 36 41	D B B A	X 1 T 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	A	B	D	D
	kg	mm	mm	IN	OUT
X1T/0.9	0,950	73,5	36,3	3/8" BSPP	3/8" BSPP
X1T/1.2	0,970	74,5	36,8	3/8" BSPP	3/8" BSPP
X1T/1.7	1,010	76,0	37,5	3/8" BSPP	3/8" BSPP
X1T/2.2	1,030	78,0	38,5	3/8" BSPP	3/8" BSPP
X1T/2.6	1,060	80,0	39,5	3/8" BSPP	3/8" BSPP
X1T/3.2	1,090	82,0	40,5	3/8" BSPP	3/8" BSPP
X1T/3.8	1,120	84,0	41,5	3/8" BSPP	3/8" BSPP
X1T/4.3	1,170	86,0	42,5	3/8" BSPP	3/8" BSPP
X1T/4.9	1,200	89,0	44,0	3/8" BSPP	3/8" BSPP
X1T/5.9	1,260	92,5	45,8	3/8" BSPP	3/8" BSPP
X1T/6.5	1,300	95,0	47,0	3/8" BSPP	3/8" BSPP
X1T/7.8	1,360	99,0	49,0	3/8" BSPP	3/8" BSPP
X1T/9.8	1,500	108,0	53,5	3/8" BSPP	3/8" BSPP



01/04/08 XT1254.208BA.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

**X1T**

## 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>	CFP02 - Milled shank T.2 = 13.8 [Nm] 	<b>D</b>	COP01 - Tapered T.2 = 43.1 [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>	SCP04 - Splined T.2 = 22.6 [Nm] m=1,6 Z=6 DIN 5482 - 12x9 	<b>J</b>			<b>D</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>47</b>		<b>48</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>						