

unidirectional pump - series XV

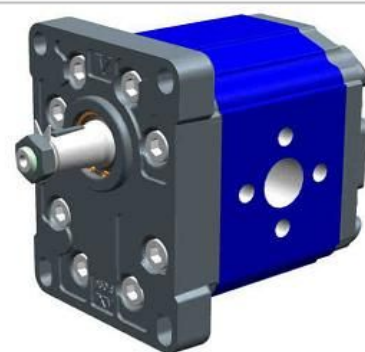
XV-3P

STANDARD EUROPEAN PUMP
ø50.8 FLANGE - TAPER SHAFT



X 3 P 78 02 A B B A

Series	X	series XV
Group	3	group 3
Category	P	unidirectional pump
Displacement	78	38
Flange	02	Ø50.8 right rotation
Shaft	A	CO001 - Tapered 1:8 - ø22 - key thk.4
Body	IN	B inlet - Ø51 Ø27 M10
	OUT	B outlet - Ø51 Ø27 M10
Cover	A	standard



Reference **XP301**

Technical data table

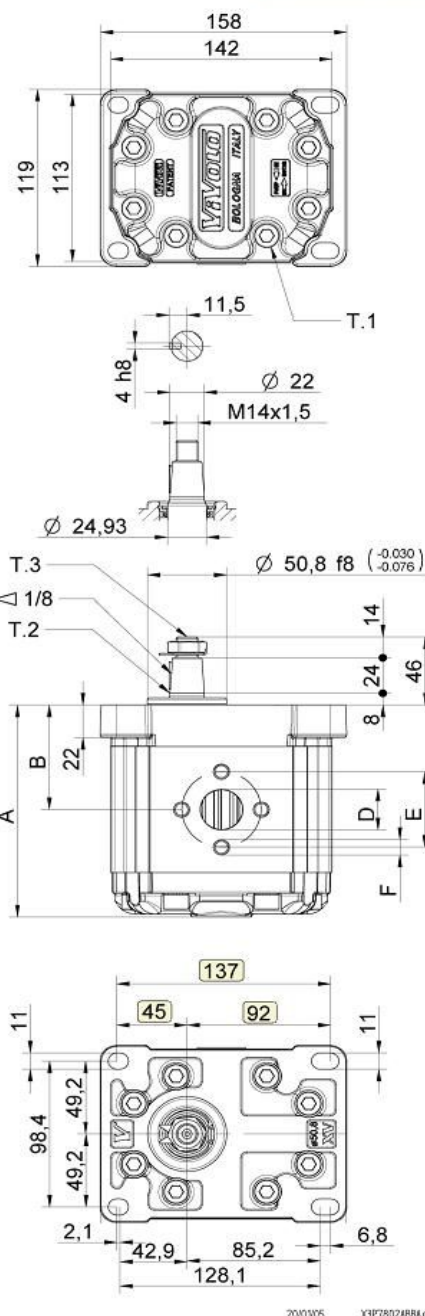
TYPE	Displacement	Max. Pressure		CODE											
	cm3/rev	P1 bar	P3 bar	Left rotation						Right rotation					
XV-3P/15	14,89	300	320	X	3	P	66	01	A	A	A	A	X	3	P
XV-3P/18	17,37	300	320	X	3	P	68	01	A	A	A	A	X	3	P
XV-3P/21	21,10	280	300	X	3	P	70	01	A	A	A	A	X	3	P
XV-3P/27	26,97	250	270	X	3	P	72	01	A	A	A	A	X	3	P
XV-3P/32	32,27	250	270	X	3	P	74	01	A	B	B	A	X	3	P
XV-3P/38	38,47	250	270	X	3	P	78	01	A	B	B	A	X	3	P
XV-3P/43	43,44	250	270	X	3	P	79	01	A	B	B	A	X	3	P
XV-3P/47	47,16	230	250	X	3	P	80	01	A	B	B	A	X	3	P
XV-3P/51	50,88	230	250	X	3	P	81	01	A	B	B	A	X	3	P
XV-3P/54	54,60	230	250	X	3	P	82	01	A	B	B	A	X	3	P
XV-3P/61	60,81	230	250	X	3	P	83	01	A	C	C	A	X	3	P
XV-3P/64	64,53	210	230	X	3	P	85	01	A	C	C	A	X	3	P
XV-3P/70	70,74	200	220	X	3	P	86	01	A	C	C	A	X	3	P
XV-3P/74	74,46	180	200	X	3	P	87	01	A	C	C	A	X	3	P
XV-3P/90	86,87	150	170	X	3	P	89	01	A	C	C	A	X	3	P

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	E	F	D	E	F
	kg	mm	mm	IN			OUT		
XV-3P/15	7,010	124,0	61,0	ø20	40	M8	ø20	40	M8
XV-3P/18	7,070	126,0	62,0	ø20	40	M8	ø20	40	M8
XV-3P/21	7,150	129,0	63,5	ø20	40	M8	ø20	40	M8
XV-3P/27	7,250	133,0	65,5	ø20	40	M8	ø20	40	M8
XV-3P/32	7,390	138,0	68,0	ø27	51	M10	ø27	51	M10
XV-3P/38	7,520	143,0	70,5	ø27	51	M10	ø27	51	M10
XV-3P/43	7,630	147,0	72,5	ø27	51	M10	ø27	51	M10
XV-3P/47	7,710	150,0	74,0	ø27	51	M10	ø27	51	M10
XV-3P/51	7,790	153,0	75,5	ø27	51	M10	ø27	51	M10
XV-3P/54	7,870	156,0	77,0	ø27	51	M10	ø27	51	M10
XV-3P/61	8,010	161,0	79,5	ø36	62	M10	ø36	62	M10
XV-3P/64	8,090	164,0	81,0	ø36	62	M10	ø36	62	M10
XV-3P/70	8,220	169,0	83,5	ø36	62	M10	ø36	62	M10
XV-3P/74	8,300	172,0	85,0	ø36	62	M10	ø36	62	M10
XV-3P/90	8,570	182,0	90,0	ø36	62	M10	ø36	62	M10



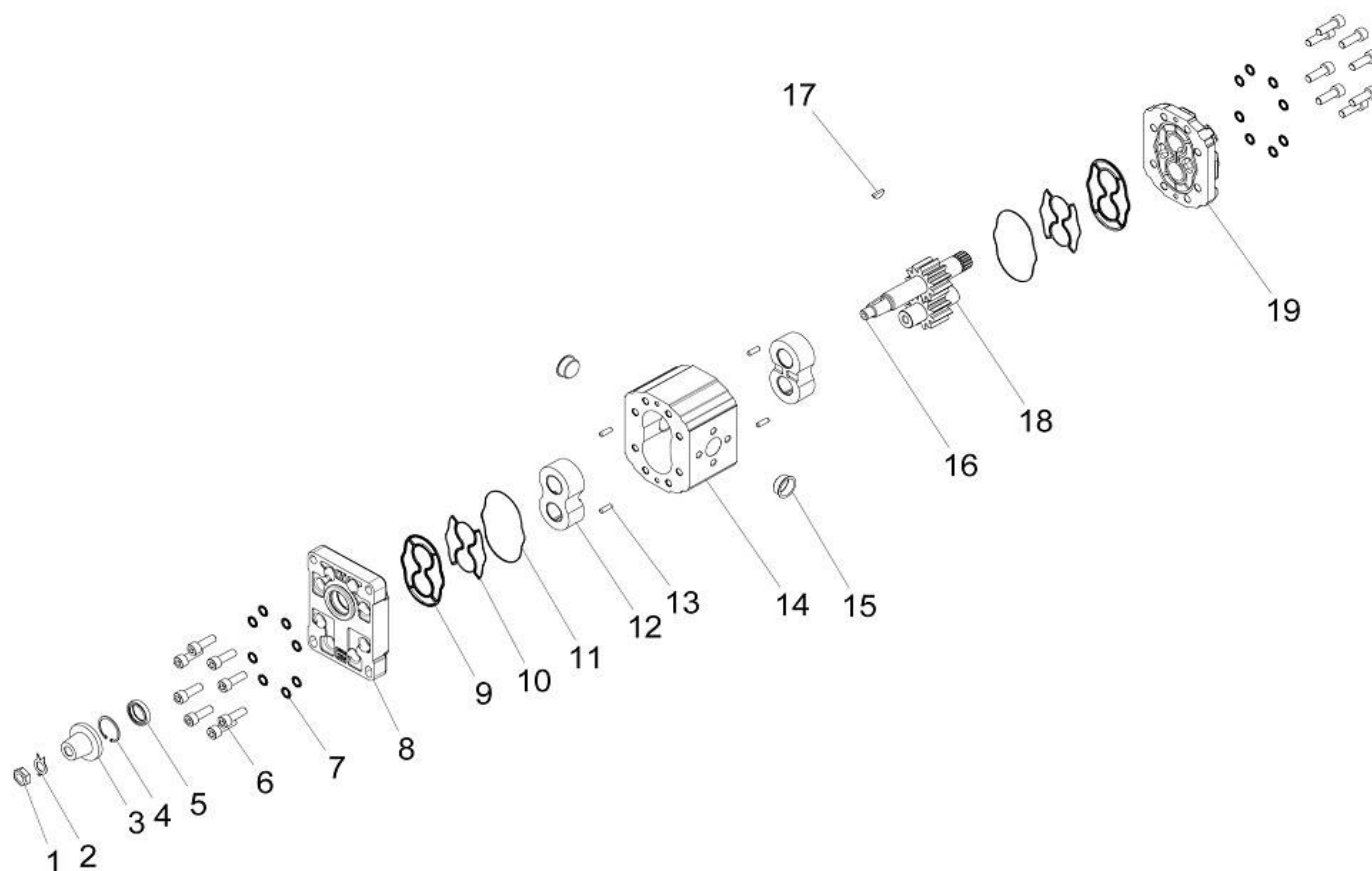
T.1 = 60÷65 [Nm] - screw tightening torque M10

T.3 = 75 [Nm] - torque wrench setting 22

T.2 = 482 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Example of ordering code:

X3P7802ABBA XV3P/38 - Ø50,8 /D - CO001 - Ø51 M10 - Ø51 M10 - .


Basic list

Pos.	Item description	Item	Size	Quantity
1	WHITE GALVANISED NUT M14x1.5 H=8 UNI 5589	540.0070.A	0	1
2	TAB WASHER XV3 CO001	300.0023.A	0	1
3	KEY PROTECTION XV3	590.0030.A	0	1
4	Ø35 INTERNAL SNAP RING DIN 472	560.0025.A	0	1
5	OIL SEAL 25 x 35 x 6 TCV (BAB SL)	690.0090.A	0	1
6	WHITE GALVANISED SCREW TCCE M10x30 UNI 5931 8.8	521.0010.A	L030	16
7	SCHNORR WASHER Ø10xØ15.8 H=1 BLUED	550.0015.A	0	16
8	XV3 Ø50.8 FLANGE	300.0032.A	0	1
9	INJECTION-MOLDED SEAL XV3 (NBR 740/70)	300.0005.C	0	2
10	XV3 BACK-UP ELEMENT FOR BALANCING	300.0003.A	0	2
11	EXTERNAL BACK-UP ELEMENT XV3	300.0004.A	0	2
12	XV3 BUSH H=27	300.0009.A	0	2
13	PIN Ø6x18	570.0044.A	0	4
14	STANDARD FLANGED BODY - cc=38	300.0044.A	H85	1
15	PLASTIC PLUG Ø28	580.0001.A	D28	2
16	COP01 - PRIMARY GEAR Ø22 BEVEL 1+8	300.0016.A	CC38	1
17	WOODRUFF KEY Ø19x4 H=7,5 - XV3	300.0013.A	0	1
18	COND2 - PERFORATED DRIVEN GEAR	300.0010.A	CC38	1
19	STANDARD XV3 COVER	300.0034.A	0	1