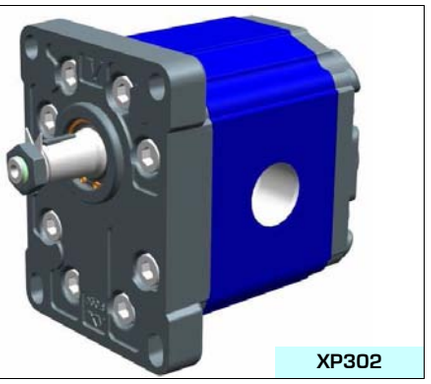
unidirectional pump - series XV

STANDARD EUROPEAN PUMP
ø50.8 FLANGE - TAPER SHAFT

XV-3P

X	3	P	78	02	A	E	E	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	E	inlet - 1" BSP
	OUT	E	outlet - 1" BSP
Cover		A	standard



XP302

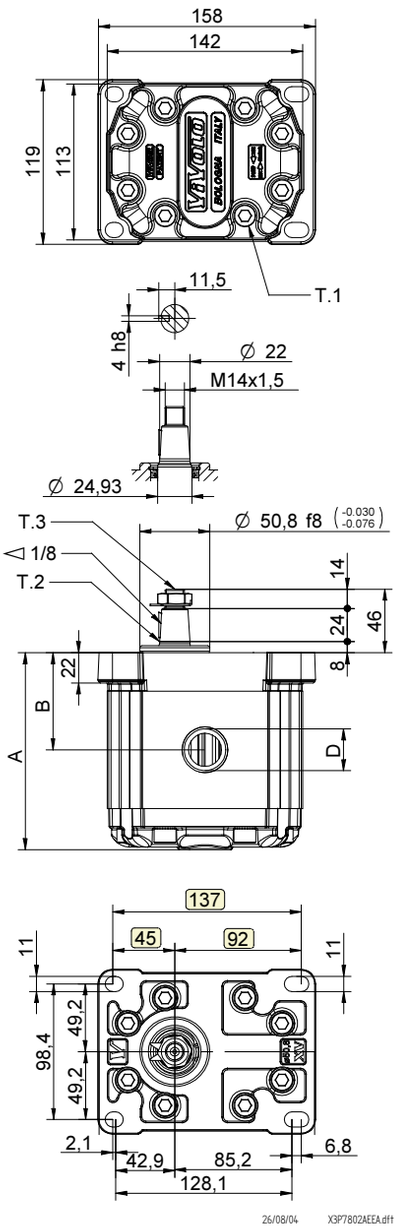
Technical data table

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 D D A	X 3 P 66 02 A D D A
XV-3P/18	17,37	300	320	X 3 P 68 01 A D D A	X 3 P 68 02 A D D A
XV-3P/21	21,10	280	300	X 3 P 70 01 A D D A	X 3 P 70 02 A D D A
XV-3P/27	26,97	250	270	X 3 P 72 01 A E E A	X 3 P 72 02 A E E A
XV-3P/32	32,27	250	270	X 3 P 74 01 A E E A	X 3 P 74 02 A E E A
XV-3P/38	38,47	250	270	X 3 P 78 01 A E E A	X 3 P 78 02 A E E A
XV-3P/43	43,44	250	270	X 3 P 79 01 A E E A	X 3 P 79 02 A E E A
XV-3P/47	47,16	230	250	X 3 P 80 01 A E E A	X 3 P 80 02 A E E A
XV-3P/51	50,88	230	250	X 3 P 81 01 A E E A	X 3 P 81 02 A E E A
XV-3P/54	54,60	230	250	X 3 P 82 01 A E E A	X 3 P 82 02 A E E A
XV-3P/61	60,81	230	250	X 3 P 83 01 A F F A	X 3 P 83 02 A F F A
XV-3P/64	64,53	210	230	X 3 P 85 01 A F F A	X 3 P 85 02 A F F A
XV-3P/70	70,74	200	220	X 3 P 86 01 A F F A	X 3 P 86 02 A F F A
XV-3P/74	74,46	180	200	X 3 P 87 01 A F F A	X 3 P 87 02 A F F A
XV-3P/90	86,87	150	170	X 3 P 89 01 A F F A	X 3 P 89 02 A F F 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
XV-3P/15	7,010	124,0	61,0	3/4" BSPP	3/4" BSPP
XV-3P/18	7,070	126,0	62,0	3/4" BSPP	3/4" BSPP
XV-3P/21	7,150	129,0	63,5	3/4" BSPP	3/4" BSPP
XV-3P/27	7,250	133,0	65,5	1" BSPP	1" BSPP
XV-3P/32	7,390	138,0	68,0	1" BSPP	1" BSPP
XV-3P/38	7,520	143,0	70,5	1" BSPP	1" BSPP
XV-3P/43	7,630	147,0	72,5	1" BSPP	1" BSPP
XV-3P/47	7,710	150,0	74,0	1" BSPP	1" BSPP
XV-3P/51	7,790	153,0	75,5	1" BSPP	1" BSPP
XV-3P/54	7,870	156,0	77,0	1" BSPP	1" BSPP
XV-3P/61	8,010	161,0	79,5	1" 1/4 BSPP	1" 1/4 BSPP
XV-3P/64	8,090	164,0	81,0	1" 1/4 BSPP	1" 1/4 BSPP
XV-3P/70	8,220	169,0	83,5	1" 1/4 BSPP	1" 1/4 BSPP
XV-3P/74	8,300	172,0	85,0	1" 1/4 BSPP	1" 1/4 BSPP
XV-3P/90	8,570	182,0	90,0	1" 1/4 BSPP	1" 1/4 BSPP



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).

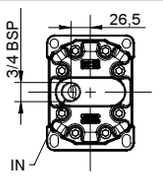
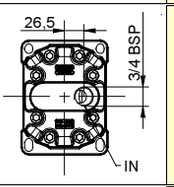
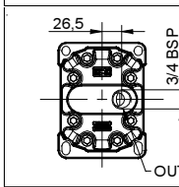
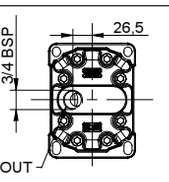
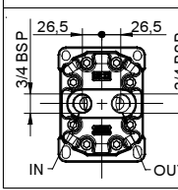
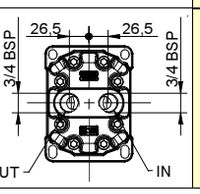
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Table of variations

ø50.8 FLANGE

ø50.8 FLANGE			
Left rotation		Right rotation	
	01		02

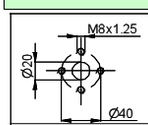
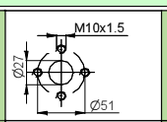
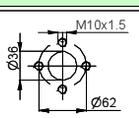
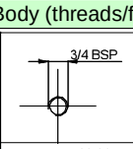
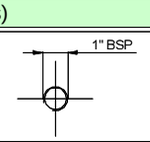
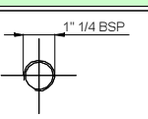
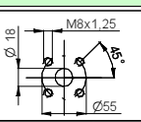
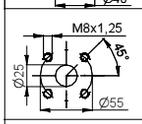
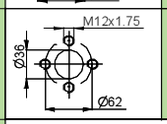
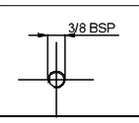
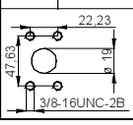
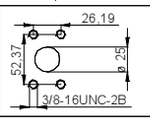
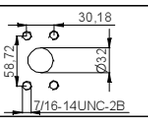
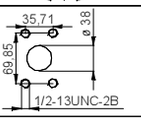
Shaft			
CO001 - Tapered T.2 = 482 [Nm]	A	CI001 - Parallel T.2 = 181 [Nm]	B
SCF03 - Splined T.2 = 223 [Nm]	C	CI004 - Parallel T.2 = 180 [Nm]	H
SCF04 - Splined T.2 = 264 [Nm]	I		

Cover		
Left rotation	Right rotation	
		A
		B
		C
		D

Displacement	
TYPE	CODE
XV-3P/15	**66**
XV-3P/18	**68**
XV-3P/21	**70**
XV-3P/27	**72**
XV-3P/32	**74**
XV-3P/38	**78**
XV-3P/43	**79**
XV-3P/47	**80**
XV-3P/51	**81**
XV-3P/54	**82**
XV-3P/61	**83**
XV-3P/64	**85**
XV-3P/70	**86**
XV-3P/74	**87**
XV-3P/90	**89**

Standard bodies			
Displacement cm3/rev	Standard threads		
15	A - A	D - D	H – H
18	A - A	D - D	H – H
21	A - A	D - D	H – H
27	A - A	E - E	H – H
32	B - B	E - E	H – H
38	B - B	E - E	H – H
43	B - B	E - E	H – H
47	B - B	E - E	H – H
51	B - B	E - E	H – H
54	B - B	E - E	H – H
61	C - C	F - F	
64	C - C	F - F	
70	C - C	F - F	
74	C - C	F - F	
90	C - C	F - F	

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)																			
	A		B		C		D		E		F		G
	H		I		L		M		N		O		P
Closed Body	Z																		

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