

unidirectional pump - series XV

XV-3P

SAE B TYPE PUMP
ø101.6 FLANGE - SPLINED SHAFT

X 3 P 78 32 I E E A

Series	X	series XV
Group	3	group 3
Category	P	unidirectional pump
Displacement	78	38
Flange	32	ø101.6 SAE B right rotation
Shaft	I	SCF04 - Splined ø21.81 z=13, H=33.55 SAE J498-13T -16/32DP (SAE B)
Body	IN	inlet - 1" BSP
	OUT	outlet - 1" BSP
Cover	A	standard



XP331

Technical data table

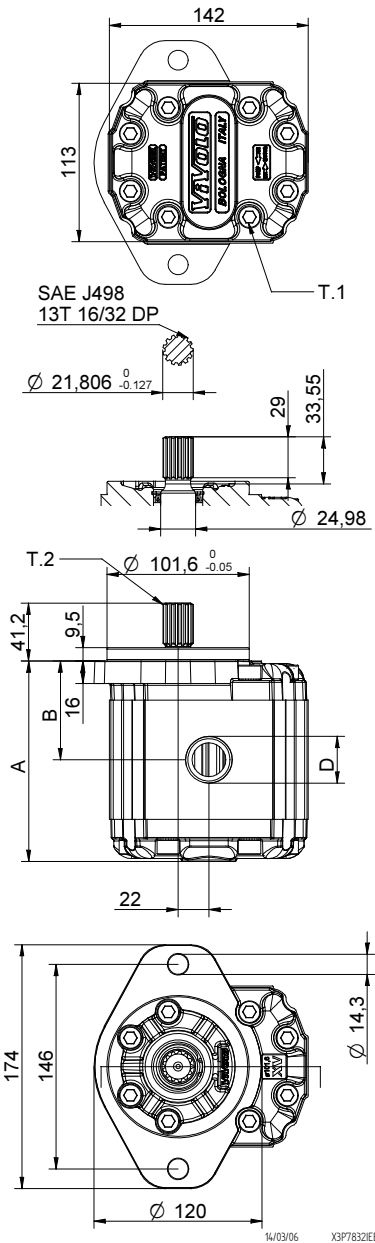
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-3P/15	14,89	300	320	X 3 P 66 31 I D D A	X 3 P 66 32 I D D A
XV-3P/18	17,37	300	320	X 3 P 68 31 I D D A	X 3 P 68 32 I D D A
XV-3P/21	21,10	280	300	X 3 P 70 31 I D D A	X 3 P 70 32 I D D A
XV-3P/27	26,97	250	270	X 3 P 72 31 I E E A	X 3 P 72 32 I E E A
XV-3P/32	32,27	250	270	X 3 P 74 31 I E E A	X 3 P 74 32 I E E A
XV-3P/38	38,47	250	270	X 3 P 78 31 I E E A	X 3 P 78 32 I E E A
XV-3P/43	43,44	250	270	X 3 P 79 31 I E E A	X 3 P 79 32 I E E A
XV-3P/47	47,16	230	250	X 3 P 80 31 I E E A	X 3 P 80 32 I E E A
XV-3P/51	50,88	230	250	X 3 P 81 31 I E E A	X 3 P 81 32 I E E A
XV-3P/54	54,60	230	250	X 3 P 82 31 I E E A	X 3 P 82 32 I E E A
XV-3P/61	60,81	230	250	X 3 P 83 31 I F F A	X 3 P 83 32 I F F A
XV-3P/64	64,53	210	230	X 3 P 85 31 I F F A	X 3 P 85 32 I F F A
XV-3P/70	70,74	200	220	X 3 P 86 31 I F F A	X 3 P 86 32 I F F A
XV-3P/74	74,46	180	200	X 3 P 87 31 I F F A	X 3 P 87 32 I F F A
XV-3P/90	86,87	150	170	X 3 P 89 31 I F F A	X 3 P 89 32 I 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



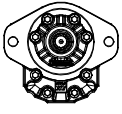



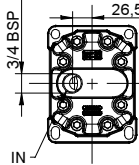
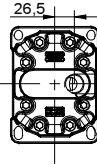
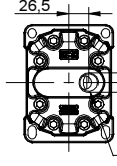
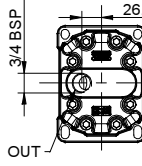
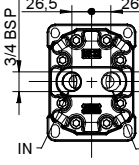
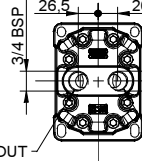
T.1 = 60÷65 [Nm] - screw tightening torque M10

T.2 = 264 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

XV-3P

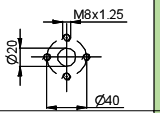
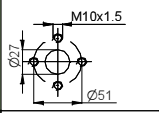
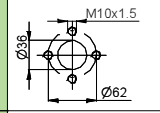
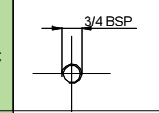
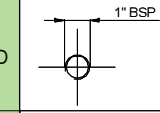
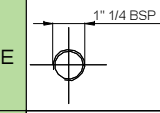
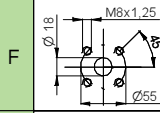
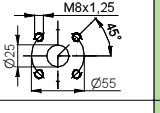
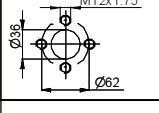
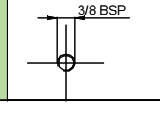
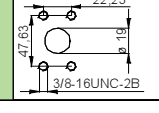
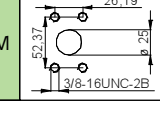
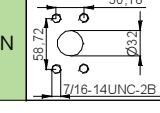
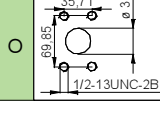
ø101.6 FLANGE ""SAE B""

ø101.6 FLANGE ""SAE B""		Shaft		Cover	
Left rotation	Right rotation			Left rotation	Right rotation
		CO001 - Tapered T.2 = 482 [Nm]	CI001 - Parallel T.2 = 181 [Nm]		
31	32	A	B	A	A
		SCF03 - Splined T.2 = 223 [Nm]	CI004 - Parallel T.2 = 180 [Nm]		
		C	H	B	B
		SCF04 - Splined T.2 = 264 [Nm]			
		I		C	C
					
				D	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

Displacement cm3/rev	Standard bodies		
	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												