

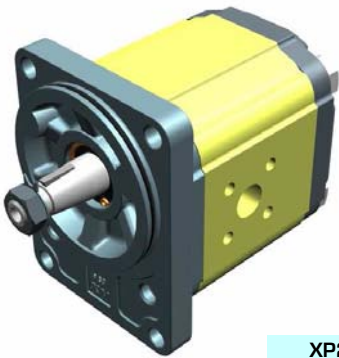
unidirectional pump - series XV

STANDARD GERMAN PUMP
ø80 FLANGE - TAPER SHAFT

XV-2P

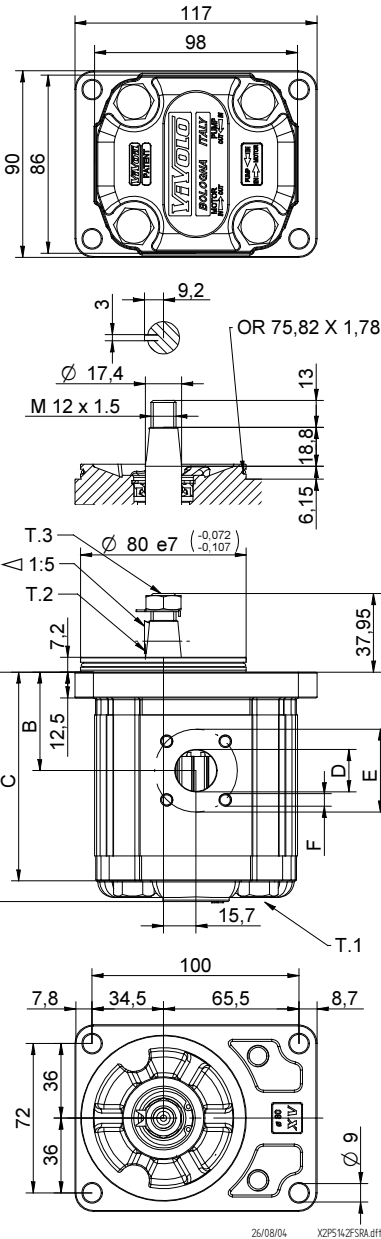
X 2 P 51 42 F S R A

Series	X	series XV
Group	2	group 2
Category	P	unidirectional pump
Displacement	51	17
Flange	42	Ø80 GERMAN STARDARDIZED right rotation (with OR)
Shaft	F	CO002 - Tapered 1:5 - ø17.4 - M12x1.5 - key thk.3
Body	IN	S inlet - Ø40 a 45° Ø20 M6
	OUT	R outlet - Ø35 a 45° Ø15 M6
Cover	A	standard



XP217

Technical data table									
TYPE	Displacement	Max. Pressure		CODE					
	cm3/rev	P1 bar	P3 bar	Left rotation			Right rotation		
XV-2P/04	4,20	260	300	X	2	P 41 41	F	S	R A
XV-2P/06	6,00	260	300	X	2	P 43 41	F	S	R A
XV-2P/09	8,40	260	300	X	2	P 45 41	F	S	R A
XV-2P/11	10,80	260	300	X	2	P 47 41	F	S	R A
XV-2P/14	14,40	250	290	X	2	P 49 41	F	S	R A
XV-2P/17	16,80	230	270	X	2	P 51 41	F	S	R A
XV-2P/19	19,20	210	250	X	2	P 53 41	F	S	R A
XV-2P/22	22,80	200	240	X	2	P 55 41	F	S	R A
XV-2P/26	26,20	170	210	X	2	P 57 41	F	S	R A
XV-2P/30	30,00	160	200	X	2	P 59 41	F	S	R A
XV-2P/34	34,20	150	190	X	2	P 61 41	F	S	R A
XV-2P/40	39,60	140	180	X	2	P 63 41	F	S	R 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	C	D	E	F	D	E	F
	kg	mm	mm	mm	IN			OUT		
XV-2P/04	2,330	89,7	41,1	79,7	ø20	40	M6x1	ø15	35	M6x1
XV-2P/06	2,430	92,7	41,1	82,7	ø20	40	M6x2	ø15	35	M6x1
XV-2P/09	2,530	96,7	43,1	86,7	ø20	40	M6x3	ø15	35	M6x1
XV-2P/11	2,630	100,7	47,5	90,7	ø20	40	M6x4	ø15	35	M6x1
XV-2P/14	2,730	106,7	47,5	96,7	ø20	40	M6x5	ø15	35	M6x1
XV-2P/17	2,830	110,7	47,5	100,7	ø20	40	M6x6	ø15	35	M6x1
XV-2P/19	2,930	114,7	47,5	104,7	ø20	40	M6x7	ø15	35	M6x1
XV-2P/22	3,180	120,7	55,0	110,7	ø20	40	M6x8	ø15	35	M6x1
XV-2P/26	3,280	124,7	55,0	114,7	ø20	40	M6x9	ø15	35	M6x1
XV-2P/30	3,530	132,7	63,2	122,7	ø20	40	M6x10	ø20	40	M6x1
XV-2P/34	3,730	139,7	63,2	129,7	ø20	40	M6x11	ø20	40	M6x1
XV-2P/40	3,930	148,7	63,2	138,7	ø20	40	M6x12	ø20	40	M6x1

T.1 = 54÷58.9 [Nm] - screw tightening torque M10
T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).
T.3 = 40 [Nm] - torque wrench setting 19

Table of variations

XV-2P

ø80 FLANGE

ø80 FLANGE				Shaft				Cover			
Left rotation			Right rotation		Left rotation		Right rotation		Left rotation		Right rotation
		41		42			A				
		E					B				
		H					O				

Displacement	
TYPE	CODE
XV-2P/04	41
XV-2P/06	43
XV-2P/09	45
XV-2P/11	47
XV-2P/14	49
XV-2P/17	51
XV-2P/19	53
XV-2P/22	55
XV-2P/26	57
XV-2P/30	59
XV-2P/34	61
XV-2P/40	63

Standard bodies						
Displacement cm3/rev		Standard threads				
4	O - O	S - R	B - B	L - M	Z - Z	
6	O - O	S - R	B - B	L - M	Z - Z	
9	O - O	S - R	B - B	L - M	Z - Z	
11	O - O	S - R	B - B	L - M	Z - Z	
14	P - O	S - R	C - B	L - M	Z - Z	
17	P - O	S - R	C - B	L - M	Z - Z	
19	P - O	S - R	C - B	L - M	Z - Z	
22	P - O	S - R	C - B	L - M	Z - Z	
26	Q - P	S - R	D - C	L - M	Z - Z	
30	Q - P	S - S	D - C	L - M	Z - Z	
34	Q - P	S - S	D - C	L - M	Z - Z	
40	Q - P	S - S	D - C	L - M	Z - Z	

Internal drainage	
External drainage	

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)											
	A		B		C		D		E		F
	H		I		L		M		N		O
	Q		R		S		T		U		V
	Z		Z		Z		Z		Z		Z

Vivoil Oleodinamica Vivolo s.r.l. - Sole Shareholder Company - via Leone Ginzburg 2-4 40054 Budrio (BO) Italy tel: +39 051 803689 fax: +39 051 800061

XP217

www.vivoil.com - english

02/07/2009