

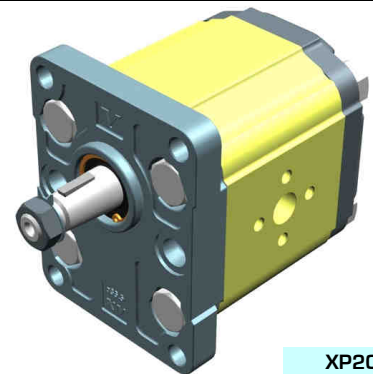
Pompa jednokierunkowa - typ XV-2P

STANDARD EUROPEAN PUMP
ø36.5 FLANGE - TAPER SHAFT

XV-2P

X 2 P 51 02 E P O A

Series	X	series XV
Group	2	group 2
Category	P	unidirectional pump
Displacement	51	17
Flange	02	Ø36.5 STANDARD EUROPEAN right rotation
Shaft	E	CO001 - Tapered 1:8 - ø17.4 - M12x1.5 - key thk.4
Body	IN	P inlet - Ø40 Ø20 M8
	OUT	O outlet - Ø30 Ø13.5 M6
Cover	A	standard



XP201

Technical data table

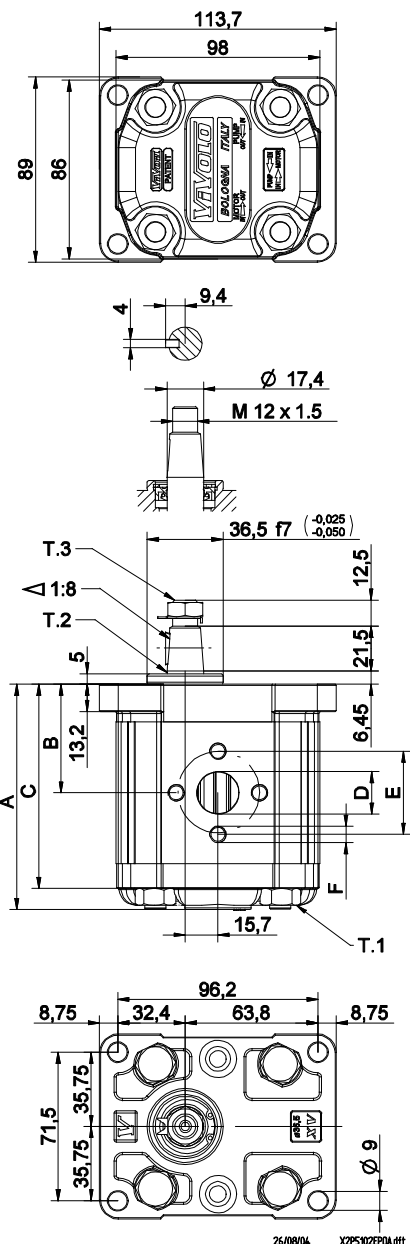
TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
XV-2P/04	4,20	260	300	X 2 P 41 01 E O O A	X 2 P 41 02 E O O A
XV-2P/06	6,00	260	300	X 2 P 43 01 E O O A	X 2 P 43 02 E O O A
XV-2P/09	8,40	260	300	X 2 P 45 01 E O O A	X 2 P 45 02 E O O A
XV-2P/11	10,80	260	300	X 2 P 47 01 E O O A	X 2 P 47 02 E O O A
XV-2P/14	14,40	250	290	X 2 P 49 01 E P O A	X 2 P 49 02 E P O A
XV-2P/17	16,80	230	270	X 2 P 51 01 E P O A	X 2 P 51 02 E P O A
XV-2P/19	19,20	210	250	X 2 P 53 01 E P O A	X 2 P 53 02 E P O A
XV-2P/22	22,80	200	240	X 2 P 55 01 E P O A	X 2 P 55 02 E P O A
XV-2P/26	26,20	170	210	X 2 P 57 01 E Q P A	X 2 P 57 02 E Q P A
XV-2P/30	30,00	160	200	X 2 P 59 01 E Q P A	X 2 P 59 02 E Q P A
XV-2P/34	34,20	150	190	X 2 P 61 01 E Q P A	X 2 P 61 02 E Q P A
XV-2P/40	39,60	140	180	X 2 P 63 01 E Q P A	X 2 P 63 02 E Q P 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	2,200	87,2	41,7	77,2	ø13,5	30	M6x1	ø13,5	30	M6x1
XV-2P/06	2,300	90,2	43,2	80,2	ø13,5	30	M6x1	ø13,5	30	M6x1
XV-2P/09	2,400	94,2	45,2	84,2	ø13,5	30	M6x1	ø13,5	30	M6x1
XV-2P/11	2,500	98,2	47,2	88,2	ø13,5	30	M6x1	ø13,5	30	M6x1
XV-2P/14	2,700	104,2	50,2	94,2	ø20	40	M8X1,25	ø13,5	30	M6x1
XV-2P/17	2,800	108,2	52,2	98,2	ø20	40	M8X1,25	ø13,5	30	M6x1
XV-2P/19	2,900	112,2	54,2	102,2	ø20	40	M8X1,25	ø13,5	30	M6x1
XV-2P/22	3,050	118,2	57,2	108,2	ø20	40	M8X1,25	ø13,5	30	M6x1
XV-2P/26	3,150	122,2	59,2	112,2	ø23,5	40	M8X1,25	ø20	40	M8X1,25
XV-2P/30	3,400	130,2	63,2	120,2	ø23,5	40	M8X1,25	ø20	40	M8X1,25
XV-2P/34	3,600	137,2	66,7	127,2	ø23,5	40	M8X1,25	ø20	40	M8X1,25
XV-2P/40	3,800	146,2	71,2	136,2	ø23,5	40	M8X1,25	ø20	40	M8X1,25



T.1 = 54÷58.9 [Nm] - screw tightening torque M10

T.3 = 40 [Nm] - torque wrench setting 19

T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

XV-2P

ø36.5 FLANGE

ø36.5 FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	01		02	CI001 - Parallel T.2 = 44.1 [Nm] 	A	CI002 - Parallel T.2 = 67.5 [Nm] 	B				A
 OUT Ø 12	03	 OUT Ø 12	04	CO001 - Tapered T.2 = 233.2 [Nm] 	E	CO002 - Tapered T.2 = 233.2 [Nm] 	F	 1/2 BSP IN		 1/2 BSP IN	B
 IN Ø 12	05	 IN Ø 12	06	SCF02 - Splined T.2 = 86.1 [Nm] m=1.6 Z=9 DIN 5482 - 17x14 	G	SCF03 - Splined T.2 = 86.1 [Nm] m=1.6 Z=9 DIN 5482 - 17x14 	H	 1/2 BSP OUT		 1/2 BSP OUT	C
 OUT Ø 12 IN Ø 12	07	 IN Ø 12 OUT Ø 12	08	SCF04 - Splined T.2 = 67.1 [Nm] SAE J 498 9T 19/32 DP 	I	SCF01 - Splined T.2 = 86.2 [Nm] m=1.6 Z=9 DIN 5482 - 17x14 	L	 1/2 BSP IN OUT		 1/2 BSP OUT IN	D
								 60		 60	N
								 CH 22 CH 13 T		 CH 22 CH 13 T	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 cm ³ /rev	Standard threads					
04	O - O	S - R	B - B	L - M	Z - Z	
06	O - O	S - R	B - B	L - M	Z - Z	
09	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	

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
											Gehäuse Geschlossen
											Z

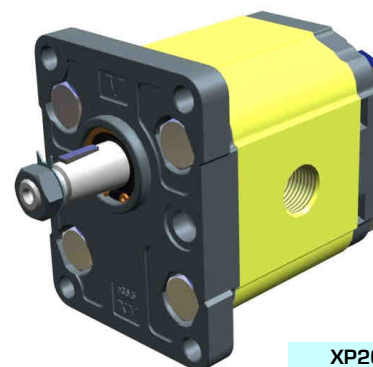
unidirectional pump - series XV

STANDARD EUROPEAN PUMP
ø36.5 FLANGE - TAPER SHAFT

XV-2P

X 2 P 51 02 E C B A

Series	X	series XV
Group	2	group 2
Category	P	unidirectional pump
Displacement	51	17
Flange	02	Ø36.5 STANDARD EUROPEAN right rotation
Shaft	E	CO001 - Tapered 1:8 - ø17.4 - M12x1.5 - key thk.4
Body	IN	C inlet - 3/4" GAS
	OUT	B outlet - 1/2" GAS
Cover	A	standard



XP207

Technical data table

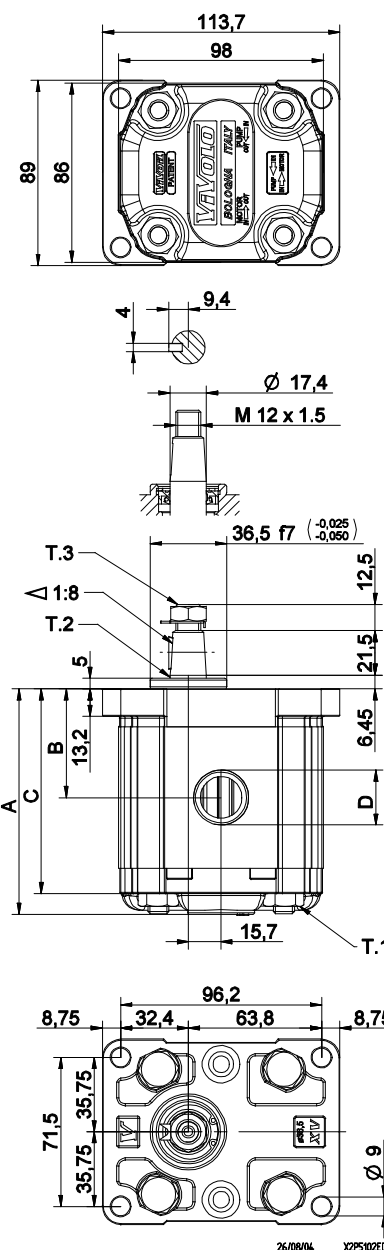
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-2P/04	4,20	260	300	X 2 P 41 01 E B B A	X 2 P 41 02 E B B A
XV-2P/06	6,00	260	300	X 2 P 43 01 E B B A	X 2 P 43 02 E B B A
XV-2P/09	8,40	260	300	X 2 P 45 01 E B B A	X 2 P 45 02 E B B A
XV-2P/11	10,80	260	300	X 2 P 47 01 E B B A	X 2 P 47 02 E B B A
XV-2P/14	14,40	250	290	X 2 P 49 01 E C B A	X 2 P 49 02 E C B A
XV-2P/17	16,80	230	270	X 2 P 51 01 E C B A	X 2 P 51 02 E C B A
XV-2P/19	19,20	210	250	X 2 P 53 01 E C B A	X 2 P 53 02 E C B A
XV-2P/22	22,80	200	240	X 2 P 55 01 E C B A	X 2 P 55 02 E C B A
XV-2P/26	26,20	170	210	X 2 P 57 01 E D C A	X 2 P 57 02 E D C A
XV-2P/30	30,00	160	200	X 2 P 59 01 E D C A	X 2 P 59 02 E D C A
XV-2P/34	34,20	150	190	X 2 P 61 01 E D C A	X 2 P 61 02 E D C A
XV-2P/40	39,60	140	180	X 2 P 63 01 E D C A	X 2 P 63 02 E D C 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	D
	kg	mm	mm	mm	IN	OUT
XV-2P/04	2,200	87,2	41,7	77,2	1/2" BSPP	1/2" BSPP
XV-2P/06	2,300	90,2	43,2	80,2	1/2" BSPP	1/2" BSPP
XV-2P/09	2,400	94,2	45,2	84,2	1/2" BSPP	1/2" BSPP
XV-2P/11	2,500	98,2	47,2	88,2	1/2" BSPP	1/2" BSPP
XV-2P/14	2,700	104,2	50,2	94,2	3/4" BSPP	1/2" BSPP
XV-2P/17	2,800	108,2	52,2	98,2	3/4" BSPP	1/2" BSPP
XV-2P/19	2,900	112,2	54,2	102,2	3/4" BSPP	1/2" BSPP
XV-2P/22	3,050	118,2	57,2	108,2	3/4" BSPP	1/2" BSPP
XV-2P/26	3,150	122,2	59,2	112,2	1" BSPP	3/4" BSPP
XV-2P/30	3,400	130,2	63,2	120,2	1" BSPP	3/4" BSPP
XV-2P/34	3,600	137,2	66,7	127,2	1" BSPP	3/4" BSPP
XV-2P/40	3,800	146,2	71,2	136,2	1" BSPP	3/4" BSPP



T.1 = 54÷58.9 [Nm] - screw tightening torque M10

T.3 = 40 [Nm] - torque wrench setting 19

T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

XV-2P

ø36.5 FLANGE

ø36.5 FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	01		02	CI001 - Parallel T.2 = 44.1 [Nm] 	A	CI002 - Parallel T.2 = 67.5 [Nm] 	B				A
 OUT Ø 12	03	 OUT Ø 12	04	CO001 - Tapered T.2 = 233.2 [Nm] 	E	CO002 - Tapered T.2 = 233.2 [Nm] 	F	 1/2 BSP IN		 1/2 BSP IN	B
 IN Ø 12	05	 IN Ø 12	06	SCF02 - Splined T.2 = 86.1 [Nm] m=1.6 Z=9 DIN 5482 - 17x14 	G	SCF03 - Splined T.2 = 86.1 [Nm] m=1.6 Z=9 DIN 5482 - 17x14 	H	 1/2 BSP OUT		 1/2 BSP OUT	C
 OUT Ø 12 IN Ø 12	07	 IN Ø 12 OUT Ø 12	08	SCF04 - Splined T.2 = 67.1 [Nm] SAE J 498 9T 19/32 DP 	I	SCF01 - Splined T.2 = 86.2 [Nm] m=1.6 Z=9 DIN 5482 - 17x14 	L	 1/2 BSP IN OUT		 1/2 BSP OUT IN	D
								 60		 60	N
								 CH 22 CH 13 T		 CH 22 CH 13 T	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 cm ³ /rev	Standard threads					
04	O - O	S - R	B - B	L - M	Z - Z	
06	O - O	S - R	B - B	L - M	Z - Z	
09	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	

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
											Gehäuse Geschlossen
											Z

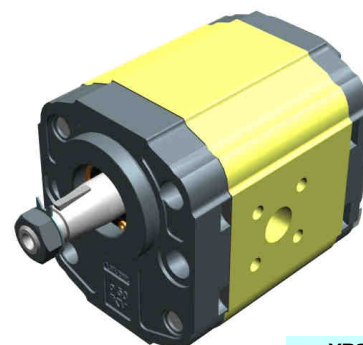
unidirectional pump - series XV

"BH" TYPE PUMP
ø50 BODY-SHAPED FLANGE - TAPER SHAFT

XV-2P

X 2 P 51 12 F S R A

Series	X	series XV
Group	2	group 2
Category	P	unidirectional pump
Displacement	51	17
Flange	12	Ø50 BH GERMAN STANDARDIZED right rotation
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



XP210

Technical data table

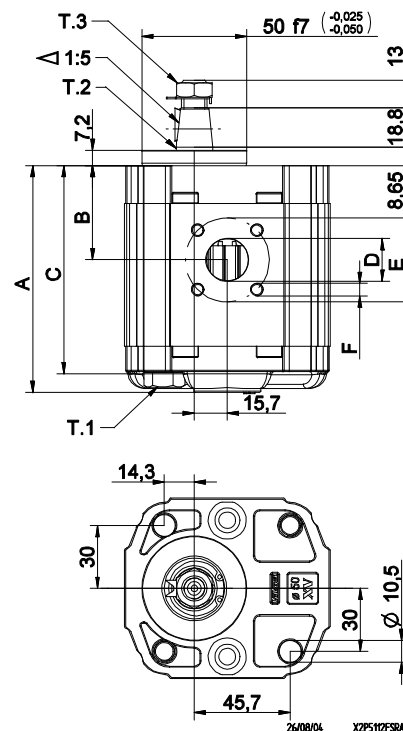
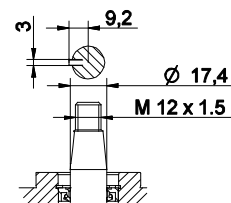
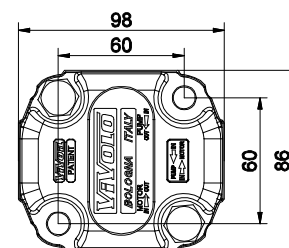
TYPE	Displacement cm ³ /rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-2P/04	4,20	260	300	X 2 P 41 11 F S R A	X 2 P 41 12 F S R A
XV-2P/06	6,00	260	300	X 2 P 43 11 F S R A	X 2 P 43 12 F S R A
XV-2P/09	8,40	260	300	X 2 P 45 11 F S R A	X 2 P 45 12 F S R A
XV-2P/11	10,80	260	300	X 2 P 47 11 F S R A	X 2 P 47 12 F S R A
XV-2P/14	14,40	250	290	X 2 P 49 11 F S R A	X 2 P 49 12 F S R A
XV-2P/17	16,80	230	270	X 2 P 51 11 F S R A	X 2 P 51 12 F S R A
XV-2P/19	19,20	210	250	X 2 P 53 11 F S R A	X 2 P 53 12 F S R A
XV-2P/22	22,80	200	240	X 2 P 55 11 F S R A	X 2 P 55 12 F S R A
XV-2P/26	26,20	170	210	X 2 P 57 11 F S R A	X 2 P 57 12 F S R A
XV-2P/30	30,00	160	200	X 2 P 59 11 F S S A	X 2 P 59 12 F S S A
XV-2P/34	34,20	150	190	X 2 P 61 11 F S S A	X 2 P 61 12 F S S A
XV-2P/40	39,60	140	180	X 2 P 63 11 F S S A	X 2 P 63 12 F S S 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 kg	A	B	C	D	E	F	D	E	F
		mm	mm	mm	IN			OUT		
XV-2P/04	2,100	87,2	38,6	77,2	ø20	40	M6x1	ø15	35	M6x1
XV-2P/06	2,200	90,2	38,6	80,2	ø20	40	M6x2	ø15	35	M6x1
XV-2P/09	2,300	94,2	40,6	84,2	ø20	40	M6x3	ø15	35	M6x1
XV-2P/11	2,400	98,2	45,0	88,2	ø20	40	M6x4	ø15	35	M6x1
XV-2P/14	2,600	104,2	45,0	94,2	ø20	40	M6x5	ø15	35	M6x1
XV-2P/17	2,700	108,2	45,0	98,2	ø20	40	M6x6	ø15	35	M6x1
XV-2P/19	2,800	112,2	45,0	102,2	ø20	40	M6x7	ø15	35	M6x1
XV-2P/22	2,950	118,2	52,5	108,2	ø20	40	M6x8	ø15	35	M6x1
XV-2P/26	3,050	122,2	52,5	112,2	ø20	40	M6x9	ø15	35	M6x1
XV-2P/30	3,300	130,2	60,7	120,2	ø20	40	M6x10	ø20	40	M6x1
XV-2P/34	3,500	137,2	60,7	127,2	ø20	40	M6x11	ø20	40	M6x1
XV-2P/40	3,700	146,2	60,7	136,2	ø20	40	M6x12	ø20	40	M6x1



T.1 = 54÷58.9 [Nm] - screw tightening torque M10

T.3 = 40 [Nm] - torque wrench setting 19

T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

XV-2P

ø50 "BH" Body-Shaped FLANGE

ø50 "BH" Body-Shaped FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	11		12	CI001 - Parallel T.2 = 44.1 [Nm] 	A	CI002 - Parallel T.2 = 67.5 [Nm] 	B				A
	13		14	CO001 - Tapered T.2 = 233.2 [Nm] 	E	CO002 - Tapered T.2 = 233.2 [Nm] 	F				B
	15		16	SCF03 - Splined T.2 = 86.1 [Nm] 	H						C
	17		18								D
											N
											O

Displacement		Standard bodies						
TYPE	CODE	Displacement cm3/rev	Standard threads					
XV-2P/04	41	04	O - O	S - R	B - B	L - M	Z - Z	
XV-2P/06	43	06	O - O	S - R	B - B	L - M	Z - Z	
XV-2P/09	45	09	O - O	S - R	B - B	L - M	Z - Z	
XV-2P/11	47	11	O - O	S - R	B - B	L - M	Z - Z	
XV-2P/14	49	14	P - O	S - R	C - B	L - M	Z - Z	
XV-2P/17	51	17	P - O	S - R	C - B	L - M	Z - Z	
XV-2P/19	53	19	P - O	S - R	C - B	L - M	Z - Z	
XV-2P/22	55	22	P - O	S - R	C - B	L - M	Z - Z	
XV-2P/26	57	26	Q - P	S - R	D - C	L - M	Z - Z	
XV-2P/30	59	30	Q - P	S - S	D - C	L - M	Z - Z	
XV-2P/34	61	34	Q - P	S - S	D - C	L - M	Z - Z	
XV-2P/40	63	40	Q - P	S - S	D - C	L - M	Z - Z	

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
											Gehäuse Geschlossen
											Z

unidirectional pump - series XV

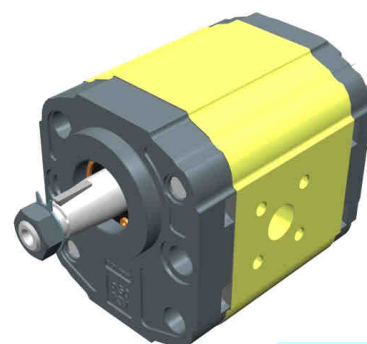
XV-2P

"HY" TYPE PUMP

Ø50 BODY-SHAPED FLANGE - TAPER SHAFT

X 2 P 51 22 F S R A

Series	X	series XV
Group	2	group 2
Category	P	unidirectional pump
Displacement	51	17
Flange	22	Ø50 HY GERMAN STANDARDIZED right rotation
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



XP213

Technical data table

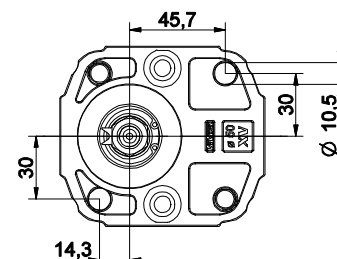
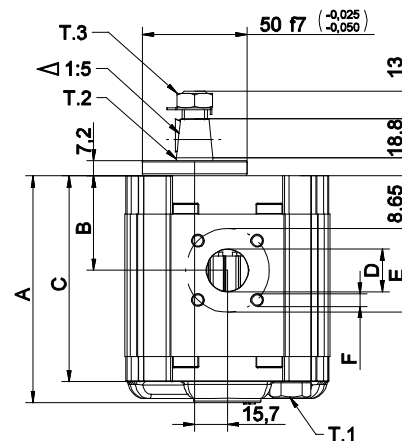
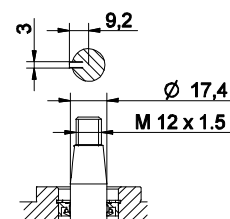
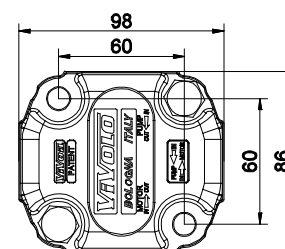
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-2P/04	4,20	260	300	X 2 P 41 21 F S R A	X 2 P 41 22 F S R A
XV-2P/06	6,00	260	300	X 2 P 43 21 F S R A	X 2 P 43 22 F S R A
XV-2P/09	8,40	260	300	X 2 P 45 21 F S R A	X 2 P 45 22 F S R A
XV-2P/11	10,80	260	300	X 2 P 47 21 F S R A	X 2 P 47 22 F S R A
XV-2P/14	14,40	250	290	X 2 P 49 21 F S R A	X 2 P 49 22 F S R A
XV-2P/17	16,80	230	270	X 2 P 51 21 F S R A	X 2 P 51 22 F S R A
XV-2P/19	19,20	210	250	X 2 P 53 21 F S R A	X 2 P 53 22 F S R A
XV-2P/22	22,80	200	240	X 2 P 55 21 F S R A	X 2 P 55 22 F S R A
XV-2P/26	26,20	170	210	X 2 P 57 21 F S R A	X 2 P 57 22 F S R A
XV-2P/30	30,00	160	200	X 2 P 59 21 F S S A	X 2 P 59 22 F S S A
XV-2P/34	34,20	150	190	X 2 P 61 21 F S S A	X 2 P 61 22 F S S A
XV-2P/40	39,60	140	180	X 2 P 63 21 F S S A	X 2 P 63 22 F S S 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 kg	A	B	C	D	E	F	D	E	F
		mm	mm	mm	IN			OUT		
XV-2P/04	2,100	87,2	38,6	77,2	Ø20	40	M6x1	Ø15	35	M6x1
XV-2P/06	2,200	90,2	38,6	80,2	Ø20	40	M6x2	Ø15	35	M6x1
XV-2P/09	2,300	94,2	40,6	84,2	Ø20	40	M6x3	Ø15	35	M6x1
XV-2P/11	2,400	98,2	45,0	88,2	Ø20	40	M6x4	Ø15	35	M6x1
XV-2P/14	2,600	104,2	45,0	94,2	Ø20	40	M6x5	Ø15	35	M6x1
XV-2P/17	2,700	108,2	45,0	98,2	Ø20	40	M6x6	Ø15	35	M6x1
XV-2P/19	2,800	112,2	45,0	102,2	Ø20	40	M6x7	Ø15	35	M6x1
XV-2P/22	2,950	118,2	52,5	108,2	Ø20	40	M6x8	Ø15	35	M6x1
XV-2P/26	3,050	122,2	52,5	112,2	Ø20	40	M6x9	Ø15	35	M6x1
XV-2P/30	3,300	130,2	60,7	120,2	Ø20	40	M6x10	Ø20	40	M6x1
XV-2P/34	3,500	137,2	60,7	127,2	Ø20	40	M6x11	Ø20	40	M6x1
XV-2P/40	3,700	146,2	60,7	136,2	Ø20	40	M6x12	Ø20	40	M6x1



26/08/04 X2P5122FSRA.dft

T.1 = 54÷58.9 [Nm] - screw tightening torque M10

T.3 = 40 [Nm] - torque wrench setting 19

T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

XV-2P

ø50 "HY" Body-Shaped FLANGE

ø50 "HY" Body-Shaped FLANGE				Shaft				Cover			
Left rotation		Right rotation						Left rotation		Right rotation	
	21		22	CI001 - Parallel T.2 = 44.1 [Nm] 	A	CI002 - Parallel T.2 = 67.5 [Nm] 	B				A
	23		24	CO001 - Tapered T.2 = 233.2 [Nm] 	E	CO002 - Tapered T.2 = 233.2 [Nm] 	F				B
	25		26	SCF03 - Splined T.2 = 86.1 [Nm] 	H						C
	27		28								D
											N
											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						
Displacementcm3/rev	Standard threads					
04	O - O	S - R	B - B	L - M	Z - Z	
06	O - O	S - R	B - B	L - M	Z - Z	
09	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	

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
										Gehäuse Geschlossen	Z

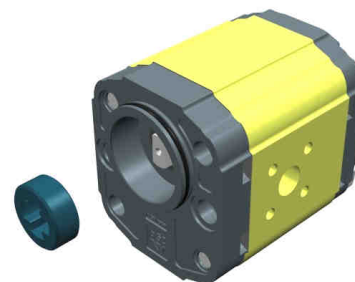
unidirectional pump - series XV

XV-2P

STANDARD GERMAN "BH" TYPE PUMP
ø52 BODY-SHAPED FLANGE - MILLED SHANK

X 2 P 51 32 C S R A

Series	X	series XV
Group	2	group 2
Category	P	unidirectional pump
Displacement	51	17
Flange	32	Ø52 BH GERMAN STANDARDIZED right rotation (with OR)
Shaft	C	CF001 - Milled shank ø15 - thk.8 ("BH" Standard German)
Body	IN	S inlet - Ø40 a 45° Ø20 M6
	OUT	R outlet - Ø35 a 45° Ø15 M6
Cover	A	standard



XP216

Technical data table

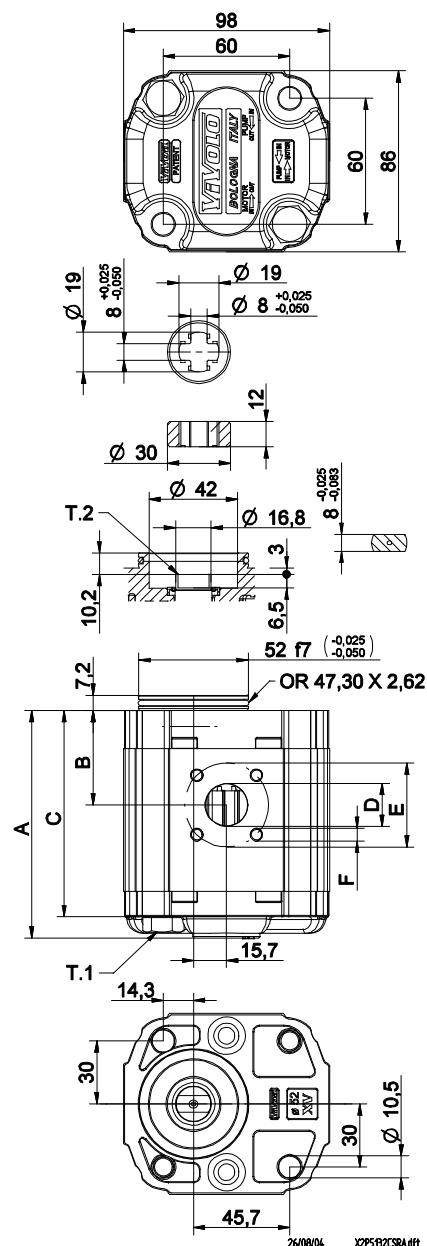
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-2P/04	4,20	260	300	X 2 P 41 31 C S R A	X 2 P 41 32 C S R A
XV-2P/06	6,00	260	300	X 2 P 43 31 C S R A	X 2 P 43 32 C S R A
XV-2P/09	8,40	260	300	X 2 P 45 31 C S R A	X 2 P 45 32 C S R A
XV-2P/11	10,80	260	300	X 2 P 47 31 C S R A	X 2 P 47 32 C S R A
XV-2P/14	14,40	250	290	X 2 P 49 31 C S R A	X 2 P 49 32 C S R A
XV-2P/17	16,80	230	270	X 2 P 51 31 C S R A	X 2 P 51 32 C S R A
XV-2P/19	19,20	210	250	X 2 P 53 31 C S R A	X 2 P 53 32 C S R A
XV-2P/22	22,80	200	240	X 2 P 55 31 C S R A	X 2 P 55 32 C S R A
XV-2P/26	26,20	170	210	X 2 P 57 31 C S R A	X 2 P 57 32 C S R A
XV-2P/30	30,00	160	200	X 2 P 59 31 C S S A	X 2 P 59 32 C S S A
XV-2P/34	34,20	150	190	X 2 P 61 31 C S S A	X 2 P 61 32 C S S A
XV-2P/40	39,60	140	180	X 2 P 63 31 C S S A	X 2 P 63 32 C S S 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 kg	A	B	C	D	E	F	D	E	F
		mm	mm	mm	IN			OUT		
XV-2P/04	2,100	87,2	38,6	77,2	ø20	40	M6x1	ø15	35	M6x1
XV-2P/06	2,200	90,2	38,6	80,2	ø20	40	M6x2	ø15	35	M6x1
XV-2P/09	2,300	94,2	40,6	84,2	ø20	40	M6x3	ø15	35	M6x1
XV-2P/11	2,400	98,2	45,0	88,2	ø20	40	M6x4	ø15	35	M6x1
XV-2P/14	2,600	104,2	45,0	94,2	ø20	40	M6x5	ø15	35	M6x1
XV-2P/17	2,700	108,2	45,0	98,2	ø20	40	M6x6	ø15	35	M6x1
XV-2P/19	2,800	112,2	45,0	102,2	ø20	40	M6x7	ø15	35	M6x1
XV-2P/22	2,950	118,2	52,5	108,2	ø20	40	M6x8	ø15	35	M6x1
XV-2P/26	3,050	122,2	52,5	112,2	ø20	40	M6x9	ø15	35	M6x1
XV-2P/30	3,300	130,2	60,7	120,2	ø20	40	M6x10	ø20	40	M6x1
XV-2P/34	3,500	137,2	60,7	127,2	ø20	40	M6x11	ø20	40	M6x1
XV-2P/40	3,700	146,2	60,7	136,2	ø20	40	M6x12	ø20	40	M6x1



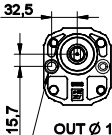
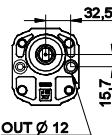
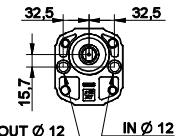
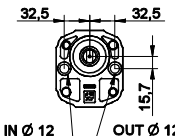
T.1 = 54÷58.9 [Nm] - screw tightening torque M10

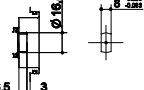
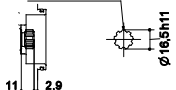
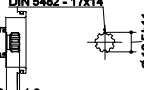
T.2 = 60.5 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

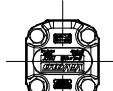
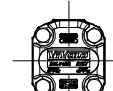
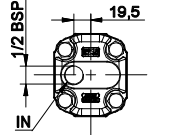
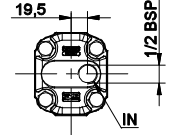
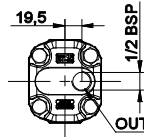
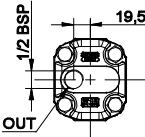
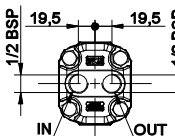
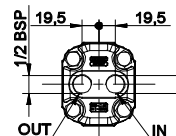
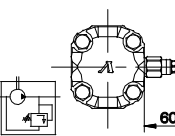
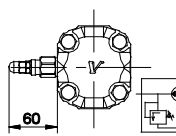
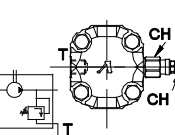
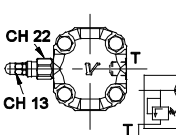
Table of variations

XV-2P

Standard German ø52 "BH" FLANGE

Standard German ø52 "BH" FLANGE	
Left rotation	Right rotation
	
31	32
	
33	34
	
35	36
	
37	38

Shaft	
Left rotation	Right rotation
CF001 - Milled shank T.2 = 60.5 [Nm] 	SCF05 - Splined T.2 = 86.2 [Nm] m=1.6 Z=9 DIN 5482-17x14 
C	K
SCF01 - Splined T.2 = 86.2 [Nm] m=1.6 Z=9 DIN 5482-17x14 	L

Cover	
Left rotation	Right rotation
	
A	A
	
B	B
	
C	C
	
D	D
	
N	N
	
O	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	
Displacementcm3/rev	Standard threads
04	O - O S - R B - B L - M Z - Z
06	O - O S - R B - B L - M Z - Z
09	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

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
											Gehäuse Geschlossen
											Z

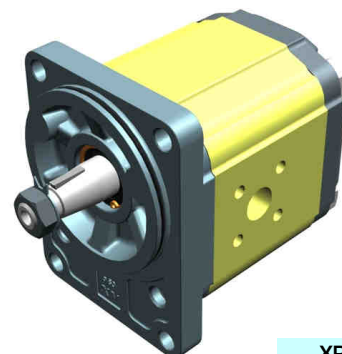
unidirectional pump - series XV

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 STANDARDIZED 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

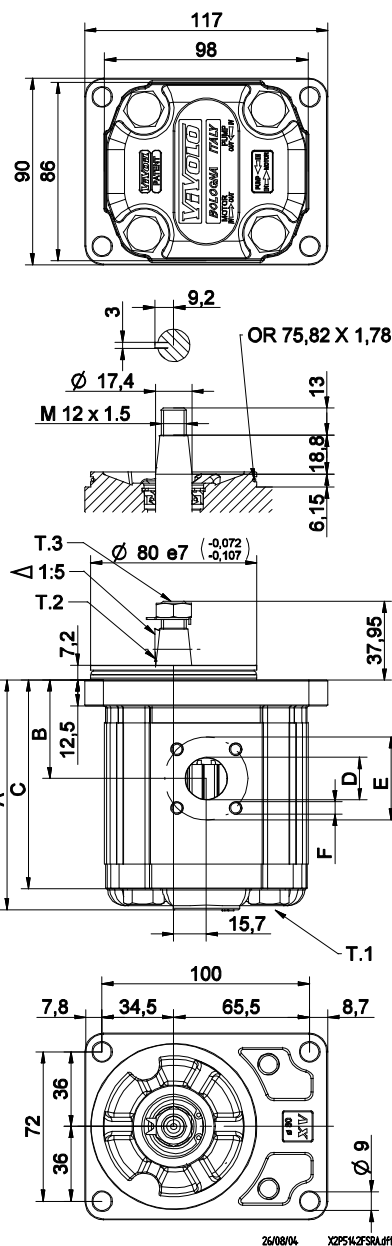
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-2P/04	4,20	260	300	X 2 P 41 41 F S R A	X 2 P 41 42 F S R A
XV-2P/06	6,00	260	300	X 2 P 43 41 F S R A	X 2 P 43 42 F S R A
XV-2P/09	8,40	260	300	X 2 P 45 41 F S R A	X 2 P 45 42 F S R A
XV-2P/11	10,80	260	300	X 2 P 47 41 F S R A	X 2 P 47 42 F S R A
XV-2P/14	14,40	250	290	X 2 P 49 41 F S R A	X 2 P 49 42 F S R A
XV-2P/17	16,80	230	270	X 2 P 51 41 F S R A	X 2 P 51 42 F S R A
XV-2P/19	19,20	210	250	X 2 P 53 41 F S R A	X 2 P 53 42 F S R A
XV-2P/22	22,80	200	240	X 2 P 55 41 F S R A	X 2 P 55 42 F S R A
XV-2P/26	26,20	170	210	X 2 P 57 41 F S R A	X 2 P 57 42 F S R A
XV-2P/30	30,00	160	200	X 2 P 59 41 F S S A	X 2 P 59 42 F S S A
XV-2P/34	34,20	150	190	X 2 P 61 41 F S S A	X 2 P 61 42 F S S A
XV-2P/40	39,60	140	180	X 2 P 63 41 F S S A	X 2 P 63 42 F S S 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 kg	A	B	C	D	E	F	D	E	F
		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.3 = 40 [Nm] - torque wrench setting 19

T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

XV-2P

Table showing standard flange and thread combinations available in stock

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

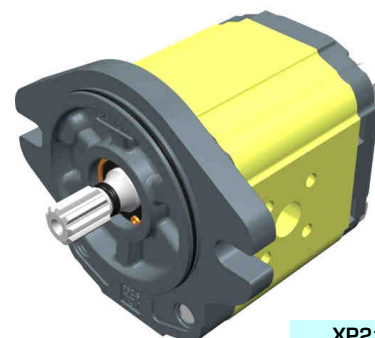
unidirectional pump - series XV

"SAE A" TYPE PUMP
ø82.5 FLANGE - SPLINED SHAFT

XV-2P

X 2 P 51 52 I S R A

Series	X	series XV
Group	2	group 2
Category	P	unidirectional pump
Displacement	51	17
Flange	52	Ø82.5 SAE A right rotation (with OR)
Shaft	I	SCF04 - Splined ø15.456 z=9, H=22.5 - SAE J498 9T 16/32DP
Body	IN	S inlet - Ø40 a 45° Ø20 M6
	OUT	R outlet - Ø35 a 45° Ø15 M6
Cover	A	standard



XP219

Technical data table

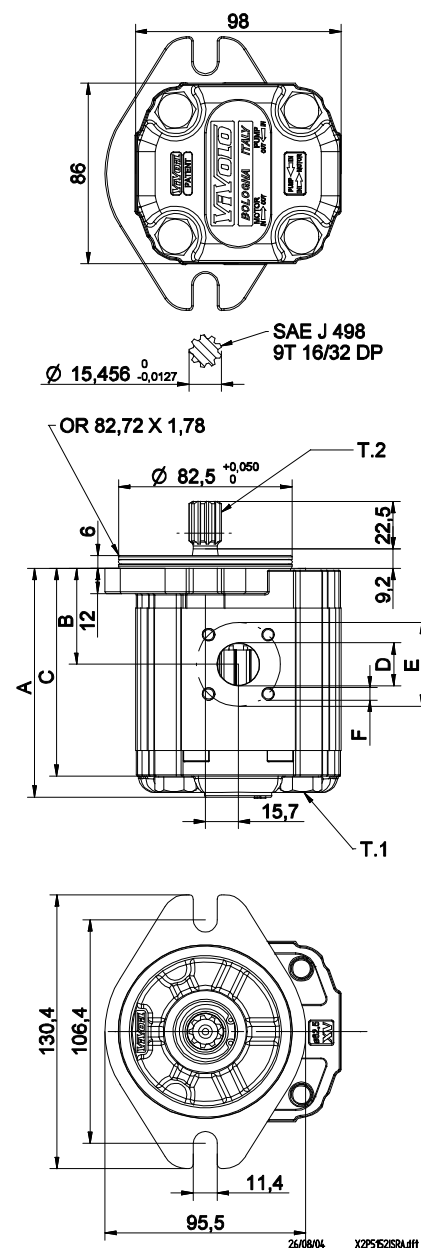
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-2P/04	4,20	260	300	X 2 P 41 51 I S R A	X 2 P 41 52 I S R A
XV-2P/06	6,00	260	300	X 2 P 43 51 I S R A	X 2 P 43 52 I S R A
XV-2P/09	8,40	260	300	X 2 P 45 51 I S R A	X 2 P 45 52 I S R A
XV-2P/11	10,80	260	300	X 2 P 47 51 I S R A	X 2 P 47 52 I S R A
XV-2P/14	14,40	250	290	X 2 P 49 51 I S R A	X 2 P 49 52 I S R A
XV-2P/17	16,80	230	270	X 2 P 51 51 I S R A	X 2 P 51 52 I S R A
XV-2P/19	19,20	210	250	X 2 P 53 51 I S R A	X 2 P 53 52 I S R A
XV-2P/22	22,80	200	240	X 2 P 55 51 I S R A	X 2 P 55 52 I S R A
XV-2P/26	26,20	170	210	X 2 P 57 51 I S R A	X 2 P 57 52 I S R A
XV-2P/30	30,00	160	200	X 2 P 59 51 I S S A	X 2 P 59 52 I S S A
XV-2P/34	34,20	150	190	X 2 P 61 51 I S S A	X 2 P 61 52 I S S A
XV-2P/40	39,60	140	180	X 2 P 63 51 I S S A	X 2 P 63 52 I S S 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 kg	A	B	C	D	E	F	D	E	F
		mm	mm	mm	IN			OUT		
XV-2P/04	2,280	88,0	39,4	78,0	ø20	40	M6x1	ø15	35	M6x1
XV-2P/06	2,380	91,0	39,4	81,0	ø20	40	M6x2	ø15	35	M6x1
XV-2P/09	2,480	95,0	41,4	85,0	ø20	40	M6x3	ø15	35	M6x1
XV-2P/11	2,580	99,0	45,8	89,0	ø20	40	M6x4	ø15	35	M6x1
XV-2P/14	2,780	105,0	45,8	95,0	ø20	40	M6x5	ø15	35	M6x1
XV-2P/17	2,880	109,0	45,8	99,0	ø20	40	M6x6	ø15	35	M6x1
XV-2P/19	2,980	113,0	45,8	103,0	ø20	40	M6x7	ø15	35	M6x1
XV-2P/22	3,130	119,0	53,3	109,0	ø20	40	M6x8	ø15	35	M6x1
XV-2P/26	3,230	123,0	53,3	113,0	ø20	40	M6x9	ø15	35	M6x1
XV-2P/30	3,480	131,0	61,5	121,0	ø20	40	M6x10	ø20	40	M6x1
XV-2P/34	3,680	138,0	61,5	128,0	ø20	40	M6x11	ø20	40	M6x1
XV-2P/40	3,880	147,0	61,5	137,0	ø20	40	M6x12	ø20	40	M6x1



T.1 = 54÷58.9 [Nm] - screw tightening torque M10

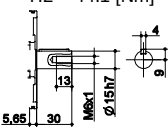
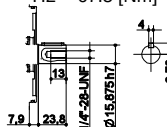
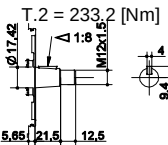
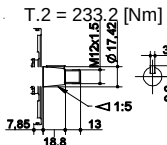
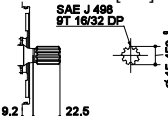
T.2 = 67.1 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

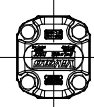
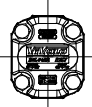
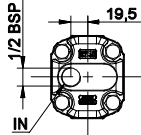
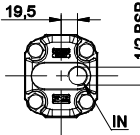
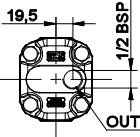
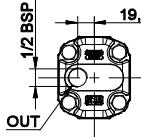
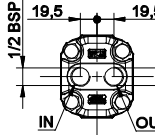
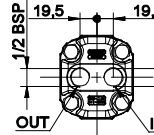
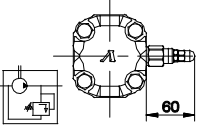
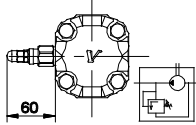
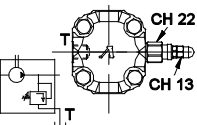
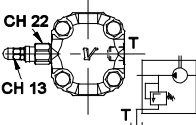
Table of variations

XV-2P

ø82.5 FLANGE "SAE A"

ø82.5 FLANGE "SAE A"			
Left rotation			Right rotation
	51		
	53		
Without OR			Without OR

Shaft					
CI001 - Parallel		A	CI002 - Parallel	B	
T.2 = 44.1 [Nm]			T.2 = 67.5 [Nm]		
					
CO001 - Tapered		E	CO002 - Tapered		F
T.2 = 233.2 [Nm]			T.2 = 233.2 [Nm]		
					
SCF04 - Splined		I			
T.2 = 67.1 [Nm]					
SAE J 498 9T 16/32 DP					
					

Cover		
Left rotation	Right rotation	
		A
		B
		C
		D
		N
		O
Internal drainage		
External drainage		

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						
Displacementcm3/rev	Standard threads					
04	O - O	S - R	B - B	L - M	Z - Z	
06	O - O	S - R	B - B	L - M	Z - Z	
09	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	

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	
Displacementcm3/rev	Standard threads
04	O - O S - R B - B L - M Z - Z
06	O - O S - R B - B L - M Z - Z
09	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

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
	Q		R		S		T		U		V		Z