

Zahnradpumpen

- Serie XV -

Baugröße 1



Bestellnr.	Typ	Code
D = rechtsdrehend		
010-070-01000	XV1P/0,9D-Ø30-CO.002	X1P1612GIIA
010-070-01100	XV1P/1,2D-Ø30-CO.002	X1P1712GIIA
010-070-01200	XV1P/1,7D-Ø30-CO.002	X1P1812GIIA
010-070-01300	XV1P/2,2D-Ø30-CO.002	X1P2012GIIA
010-070-01400	XV1P/2,6D-Ø30-CO.002	X1P2112GIIA
010-070-01500	XV1P/3,2D-Ø30-CO.002	X1P2312GIIA
010-070-01600	XV1P/3,8D-Ø30-CO.002	X1P2512GIIA
010-070-01700	XV1P/4,3D-Ø30-CO.002	X1P2712GIIA
010-070-01800	XV1P/4,9D-Ø30-CO.002	X1P2912GIIA
010-070-01900	XV1P/5,9D-Ø30-CO.002	X1P3112GIIA
010-070-02000	XV1P/6,5D-Ø30-CO.002	X1P3212GIIA
010-070-02100	XV1P/7,8D-Ø30-CO.002	X1P3412GIIA
010-070-02200	XV1P/9,8D-Ø30-CO.002	X1P3612GIIA
S = linksdrehend		
010-070-01050	XV1P/0,9S-Ø30-CO.002	X1P1611GIIA
010-070-01150	XV1P/1,2S-Ø30-CO.002	X1P1711GIIA
010-070-01250	XV1P/1,7S-Ø30-CO.002	X1P1811GIIA
010-070-01350	XV1P/2,2S-Ø30-CO.002	X1P2011GIIA
010-070-01450	XV1P/2,6S-Ø30-CO.002	X1P2111GIIA
010-070-01550	XV1P/3,2S-Ø30-CO.002	X1P2311GIIA
010-070-01650	XV1P/3,8S-Ø30-CO.002	X1P2511GIIA
010-070-01750	XV1P/4,3S-Ø30-CO.002	X1P2711GIIA
010-070-01850	XV1P/4,9S-Ø30-CO.002	X1P2911GIIA
010-070-01950	XV1P/5,9S-Ø30-CO.002	X1P3111GIIA
010-070-02050	XV1P/6,5S-Ø30-CO.002	X1P3211GIIA
010-070-02150	XV1P/7,8S-Ø30-CO.002	X1P3411GIIA
010-070-02250	XV1P/9,8S-Ø30-CO.002	X1P3611GIIA

4-Loch-Flansch- Bohrungsabstand = 73 x 56 mm / Rezess = Ø 30 mm / Welle -CO.002 1:8 -d = Ø 14 mm

-M 10x1 -Passfeder = 3,0 mm / max. zulässiges Wellendrehmoment = 119,8 Nm / Ölschlüsse = Flansch LK 30 seitlich

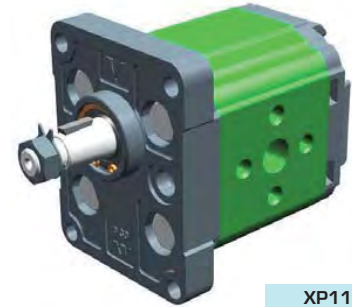
einseitig drehende Pumpe - Serie XV

XV-1P

STANDARDPUMPE
FLANSCH ø30 - KEGELWELLE

X 1 P 25 12 G I I A

Serie	X	Serie XV
Gruppe	1	Gruppe 1
Kategorie	P	einseitig drehende Pumpe
Hubraum	25	3.8
Flansch	12	Ø30 STANDARD Drehrichtung rechts
Welle	G	CO002 - Konisch 1:8 - ø14 - M10x1- Scheibenfeder Dicke 3
Gehäuse	IN	Ansaugung - Ø30 Ø12 M6
	OUT	Druckseite - Ø30 Ø12 M6
Deckel	A	Standard



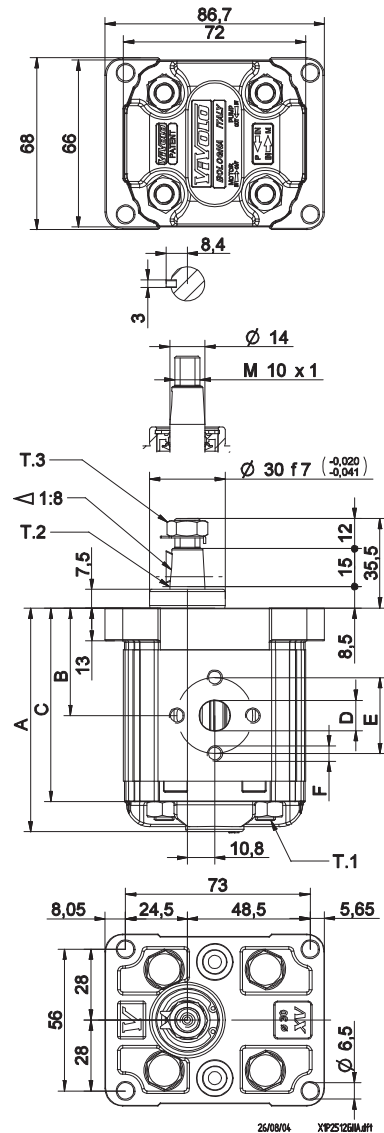
XP113

Technische Datentabelle						
TYP	Hubraum cm ³ /u	Maximaldruck		CODE		
		P1 bar	P3 bar	Drehung links		Drehung rechts
XV-1P/0.9	0,91	240	280	X 1 P 16 11 G I I A	X 1 P 16 12 G I I A	X 1 P 16 12 G I I A
XV-1P/1.2	1,17	250	290	X 1 P 17 11 G I I A	X 1 P 17 12 G I I A	X 1 P 17 12 G I I A
XV-1P/1.7	1,56	250	290	X 1 P 18 11 G I I A	X 1 P 18 12 G I I A	X 1 P 18 12 G I I A
XV-1P/2.2	2,08	250	290	X 1 P 20 11 G I I A	X 1 P 20 12 G I I A	X 1 P 20 12 G I I A
XV-1P/2.6	2,60	250	300	X 1 P 21 11 G I I A	X 1 P 21 12 G I I A	X 1 P 21 12 G I I A
XV-1P/3.2	3,12	250	300	X 1 P 23 11 G I I A	X 1 P 23 12 G I I A	X 1 P 23 12 G I I A
XV-1P/3.8	3,64	250	300	X 1 P 25 11 G I I A	X 1 P 25 12 G I I A	X 1 P 25 12 G I I A
XV-1P/4.3	4,16	250	300	X 1 P 27 11 G I I A	X 1 P 27 12 G I I A	X 1 P 27 12 G I I A
XV-1P/4.9	4,94	250	300	X 1 P 29 11 G I I A	X 1 P 29 12 G I I A	X 1 P 29 12 G I I A
XV-1P/5.9	5,85	250	300	X 1 P 31 11 G I I A	X 1 P 31 12 G I I A	X 1 P 31 12 G I I A
XV-1P/6.5	6,50	250	300	X 1 P 32 11 G I I A	X 1 P 32 12 G I I A	X 1 P 32 12 G I I A
XV-1P/7.8	7,54	220	260	X 1 P 34 11 G I I A	X 1 P 34 12 G I I A	X 1 P 34 12 G I I A
XV-1P/9.8	9,88	190	230	X 1 P 36 11 G I I A	X 1 P 36 12 G I I A	X 1 P 36 12 G I I A

P1) Max. Betriebsdruck - P3) Max. Druckspitze

Für schwere Anwendungen empfiehlt sich eine Prüfung des zulässigen Wellendrehmoments

Dimensionstabelle										
TYP	Gewicht kg	A	B	C	D	E	F	D	E	F
		mm	mm	mm	IN	OUT	OUT	OUT	OUT	OUT
XV-1P/0.9	0,950	78,1	37,3	66,1	ø12	30	M6x1	ø12	30	M6x1
XV-1P/1.2	0,970	79,0	37,8	67,0	ø12	30	M6x1	ø12	30	M6x1
XV-1P/1.7	1,010	80,5	38,5	68,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/2.2	1,030	82,5	39,5	70,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/2.6	1,060	84,5	40,5	72,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/3.2	1,090	86,5	41,5	74,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/3.8	1,120	88,5	42,5	76,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/4.3	1,170	90,5	43,5	78,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/4.9	1,200	93,5	45,0	81,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/5.9	1,260	97,0	46,8	85,0	ø12	30	M6x1	ø12	30	M6x1
XV-1P/6.5	1,300	98,5	48,0	86,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/7.8	1,360	103,5	50,0	91,5	ø12	30	M6x1	ø12	30	M6x1
XV-1P/9.8	1,500	112,5	54,5	100,5	ø12	30	M6x1	ø12	30	M6x1



T.1 = 24.5±29.4 [Nm] - Anzugsmoment - Schrauben M8

T.3 = 13 [Nm] - Anzugsmoment - Schlüssel 17

T.2 = 119.8 [Nm] - zulässiges Wellendrehmoment (N.B. Zur Auswahl der Welle stets das zulässige Drehmoment prüfen).

Tabelle der Varianten

XV-1P

FLANSCH $\varnothing 30$

FLANSCH $\varnothing 30$				Tabelle der Varianten				Deckel			
Drehung links		Drehung rechts						Drehung links		Drehung rechts	
	11		12		A		G				A
	13		14		P		O				B
	15		16								C
	17		18								D

Hubraum	
TYP	CODE
XV-1P/0.9	16
XV-1P/1.2	17
XV-1P/1.7	18
XV-1P/2.2	20
XV-1P/2.6	21
XV-1P/3.2	23
XV-1P/3.8	25
XV-1P/4.3	27
XV-1P/4.9	29
XV-1P/5.9	31
XV-1P/6.5	32
XV-1P/7.8	34
XV-1P/9.8	36

Gehäuse Standard							
Hubraum	cm ³ /u	Standardgewinde					
0.9	I - I	B - B	J - J	B - Z	Z - Z	G - F	
1.2	I - I	B - B	J - J	B - Z	Z - Z	G - F	
1.7	I - I	B - B	J - J	B - Z	Z - Z	G - F	
2.2	I - I	B - B	J - J	B - Z	Z - Z	G - F	
2.6	I - I	B - B	J - J	B - Z	Z - Z	G - F	
3.2	I - I	B - B	J - J	B - Z	Z - Z	G - F	
3.8	I - I	B - B	J - J	B - Z	Z - Z	G - F	
4.3	I - I	B - B	J - J	B - Z	Z - Z	G - F	
4.9	I - I	B - B	J - J	B - Z	Z - Z	G - F	
5.9	I - I	B - B	J - J	B - Z	Z - Z	G - F	
6.5	I - I	B - B	J - J	B - Z	Z - Z	G - F	
7.8	I - I	B - B	J - J	B - Z	Z - Z	G - F	
9.8	I - I	B - B	J - J	B - Z	Z - Z	G - F	

Kombinationstabelle der lagermäßig vorrätigen
Standardgewinde und Anflansungen

Gehäuse (Gewinde und Anflansungen)													
	A		B		C		D		E		F		G
	H		I		J		Z						