

Zahnradpumpen

- Serie XV -

Baugröße 2



Bestellnr.	Typ	Code
D = rechtsdrehend		
012-070-01000	XV2P/4D-Ø80-CO.002	X2P4142FSRA
012-070-01100	XV2P/6D-Ø80-CO.002	X2P4342FSRA
012-070-01200	XV2P/9D-Ø80-CO.002	X2P4542FSRA
012-070-01300	XV2P/11D-Ø80-CO.002	X2P4742FSRA
012-070-01400	XV2P/14D-Ø80-CO.002	X2P4942FSRA
012-070-01500	XV2P/17D-Ø80-CO.002	X2P5142FSRA
012-070-01600	XV2P/19D-Ø80-CO.002	X2P5342FSRA
012-070-01700	XV2P/22D-Ø80-CO.002	X2P5542FSRA
012-070-01800	XV2P/26D-Ø80-CO.002	X2P5742FSRA
012-070-01900	XV2P/30D-Ø80-CO.002	X2P5942FSSA
012-070-02000	XV2P/34D-Ø80-CO.002	X2P6142FSSA
012-070-02100	XV2P/40D-Ø80-CO.002	X2P6342FSSA
S = linksdrehend		
012-070-01050	XV2P/4S-Ø80-CO.002	X2P4141FSRA
012-070-01150	XV2P/6S-Ø80-CO.002	X2P4341FSRA
012-070-01250	XV2P/9S-Ø80-CO.002	X2P4541FSRA
012-070-01350	XV2P/11S-Ø80-CO.002	X2P4741FSRA
012-070-01450	XV2P/14S-Ø80-CO.002	X2P4941FSRA
012-070-01550	XV2P/17S-Ø80-CO.002	X2P5141FSRA
012-070-01650	XV2P/19S-Ø80-CO.002	X2P5341FSRA
012-070-01750	XV2P/22S-Ø80-CO.002	X2P5541FSRA
012-070-01850	XV2P/26S-Ø80-CO.002	X2P5741FSRA
012-070-01950	XV2P/30S-Ø80-CO.002	X2P5941FSSA
012-070-02050	XV2P/34S-Ø80-CO.002	X2P6141FSSA
012-070-02150	XV2P/40S-Ø80-CO.002	X2P6341FSSA

4-Loch-Flansch- Bohrungsabstand = 100 x 72 mm / Rezess = Ø 80 mm / Welle -CO.002 1:5 -d = Ø 17,4 mm
 -M 12x1,5 -Passfeder = 3,0 mm / max. zulässiges Wellendrehmoment = 233,2 Nm / Ölschlüsse = Flansch LK 35/40 seitlich

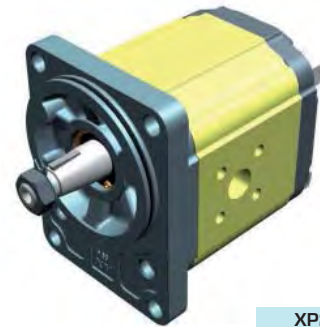
einseitig drehende Pumpe - Serie XV

XV-2P

DEUTSCHE STANDARDPUMPE
FLANSCH $\varnothing 80$ - KEGELWELLE

X 2 P 51 42 F S R A

Serie	X	Serie XV
Gruppe	2	Gruppe 2
Kategorie	P	einseitig drehende Pumpe
Hubraum	51	17
Flansch	42	$\varnothing 80$ DEUTSCHE NORM Drehrichtung rechts (mit OR)
Welle	F	CO002 - Konisch 1:5 - $\varnothing 17.4$ - M12x1.5 - Scheibenfeder Dicke 3
Gehäuse	IN	Ansaugung - $\varnothing 40$ a 45° $\varnothing 20$ M6
	OUT	Druckseite - $\varnothing 35$ a 45° $\varnothing 15$ M6
Deckel	A	Standard



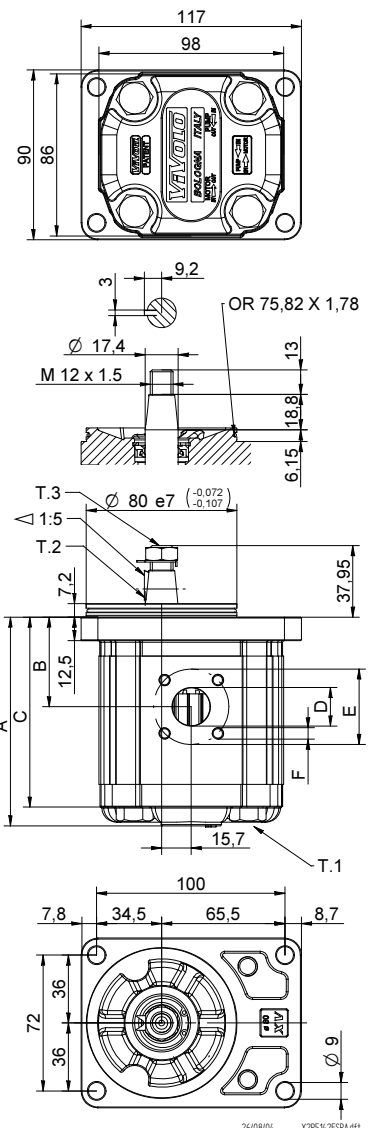
XP217

Technische Datentabelle							
TYP	Hubraum	Maximaldruck		CODE			
		cm ³ /u	P1 bar	P3 bar	Drehung links		Drehung rechts
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	X 2 P 41 42 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 41 F S R A	X 2 P 43 42 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 41 F S R A	X 2 P 45 42 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 41 F S R A	X 2 P 47 42 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 41 F S R A	X 2 P 49 42 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 41 F S R A	X 2 P 51 42 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 41 F S R A	X 2 P 53 42 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 41 F S R A	X 2 P 55 42 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 41 F S R A	X 2 P 57 42 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 41 F S S A	X 2 P 59 42 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 41 F S S A	X 2 P 61 42 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 41 F S S A	X 2 P 63 42 F S S A	X 2 P 63 42 F S S A

P1) Max. Betriebsdruck - P3) Max. Druckspitze

Für schwere Anwendungen empfiehlt sich eine Prüfung des zulässigen Wellendrehmoments

Dimensionstabelle										
TYP	Gewicht	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	$\varnothing 20$	40	M6x1	$\varnothing 15$	35	M6x1
XV-2P/06	2,430	92,7	41,1	82,7	$\varnothing 20$	40	M6x2	$\varnothing 15$	35	M6x1
XV-2P/09	2,530	96,7	43,1	86,7	$\varnothing 20$	40	M6x3	$\varnothing 15$	35	M6x1
XV-2P/11	2,630	100,7	47,5	90,7	$\varnothing 20$	40	M6x4	$\varnothing 15$	35	M6x1
XV-2P/14	2,730	106,7	47,5	96,7	$\varnothing 20$	40	M6x5	$\varnothing 15$	35	M6x1
XV-2P/17	2,830	110,7	47,5	100,7	$\varnothing 20$	40	M6x6	$\varnothing 15$	35	M6x1
XV-2P/19	2,930	114,7	47,5	104,7	$\varnothing 20$	40	M6x7	$\varnothing 15$	35	M6x1
XV-2P/22	3,180	120,7	55,0	110,7	$\varnothing 20$	40	M6x8	$\varnothing 15$	35	M6x1
XV-2P/26	3,280	124,7	55,0	114,7	$\varnothing 20$	40	M6x9	$\varnothing 15$	35	M6x1
XV-2P/30	3,530	132,7	63,2	122,7	$\varnothing 20$	40	M6x10	$\varnothing 20$	40	M6x1
XV-2P/34	3,730	139,7	63,2	129,7	$\varnothing 20$	40	M6x11	$\varnothing 20$	40	M6x1
XV-2P/40	3,930	148,7	63,2	138,7	$\varnothing 20$	40	M6x12	$\varnothing 20$	40	M6x1



T.1 = 54+58.9 [Nm] - Anzugsmoment - Schrauben M10



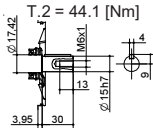
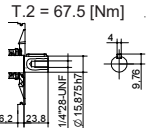


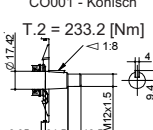
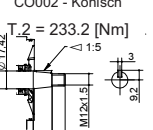
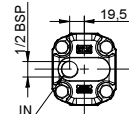
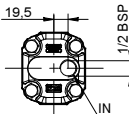
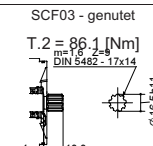
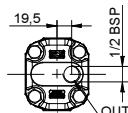
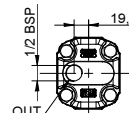
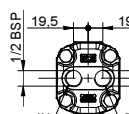
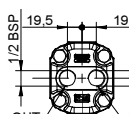
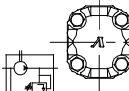
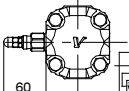
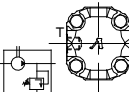
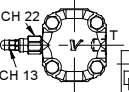
T.3 = 40 [Nm] - Anzugsmoment - Schlüssel 19

T.2 = 233.2 [Nm] - zulässiges Wellendrehmoment (N.B. Zur Auswahl der Welle stets das zulässige Drehmoment prüfen).

Tabelle der Varianten

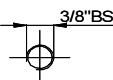
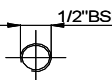
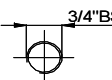
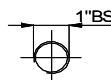
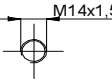
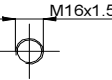
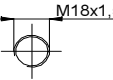
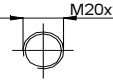
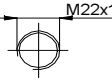
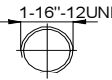

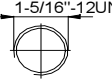
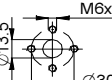
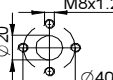
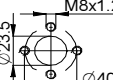
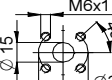
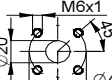
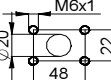
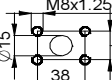
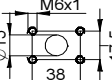
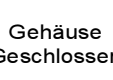
XV-2P

FLANSCH ø80 Deutsche Standardpumpe

FLANSCH ø80 Deutsche Standardpumpe				Welle				Deckel						
Drehung links		Drehung rechts						Drehung links		Drehung rechts				
	41		42		A		B			A				
					E		F					B		
					H							C		
												D		
										Drainage innen		N		
										Drainage aussen		O		

Hubraum		Gehäuse Standard	
TYP	CODE	Hubraum	Standardgewinde
XV-2P/04	41	4	O - O S - R B - B L - M Z - Z
XV-2P/06	43	6	O - O S - R B - B L - M Z - Z
XV-2P/09	45	9	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

Kombinationstabelle der lagermässigen Standardgewinde und Anflansungen

Gehäuse (Gewinde und Anflansungen)													
	A		B		C		D		E		F		G
	H		I		L		M		N		O		P
	Q		R		S		T		U		V		Z