

Zahnradmotoren

- Serie XV -

Baugröße 2



Bestellnr.	Typ	Code
D = rechtsdrehend		
018-020-01000	XV2U/4D-HY-Ø50-C0.002	X2U4122FSRA
018-020-01100	XV2U/6D-HY-Ø50-C0.002	X2U4322FSRA
018-020-01200	XV2U/9D-HY-Ø50-C0.002	X2U4522FSRA
018-020-01300	XV2U/11D-HY-Ø50-C0.002	X2U4722FSRA
018-020-01400	XV2U/14D-HY-Ø50-C0.002	X2U4922FSRA
018-020-01500	XV2U/17D-HY-Ø50-C0.002	X2U5122FSRA
018-020-01600	XV2U/19D-HY-Ø50-C0.002	X2U5322FSRA
018-020-01700	XV2U/22D-HY-Ø50-C0.002	X2U5522FSRA
018-020-01800	XV2U/26D-HY-Ø50-C0.002	X2U5722FSRA
018-020-01900	XV2U/30D-HY-Ø50-C0.002	X2U5922FSSA
018-020-02000	XV2U/34D-HY-Ø50-C0.002	X2U6122FSSA
018-020-02100	XV2U/40D-HY-Ø50-C0.002	X2U6322FSSA
S = linksdrehend		
018-020-01050	XV2U/4S-HY-Ø50-C0.002	X2U4121FSRA
018-020-01150	XV2U/6S-HY-Ø50-C0.002	X2U4321FSRA
018-020-01250	XV2U/9S-HY-Ø50-C0.002	X2U4521FSRA
018-020-01350	XV2U/11S-HY-Ø50-C0.002	X2U4721FSRA
018-020-01450	XV2U/14S-HY-Ø50-C0.002	X2U4921FSRA
018-020-01550	XV2U/17S-HY-Ø50-C0.002	X2U5121FSRA
018-020-01650	XV2U/19S-HY-Ø50-C0.002	X2U5321FSRA
018-020-01750	XV2U/22S-HY-Ø50-C0.002	X2U5521FSRA
018-020-01850	XV2U/26S-HY-Ø50-C0.002	X2U5721FSRA
018-020-01950	XV2U/30S-HY-Ø50-C0.002	X2U5921FSSA
018-020-02050	XV2U/34S-HY-Ø50-C0.002	X2U6121FSSA
018-020-02150	XV2U/40S-HY-Ø50-C0.002	X2U6321FSSA

4-Loch-Flansch-HY-Durchschraubausführung -Bohrungsabstand = 60 x 60 mm / Rezzess = Ø 50 mm / Welle -CO.002 1:5 -d = Ø 17,42 mm
-M 12x1,5 -Passfeder = 3,0 mm / max. zulässiges Wellendrehmoment = 233,2 Nm / Ölschlüsse = Flansch LK 35/40 seitlich

In eine Richtung drehender Motor - Serie XV

XV-2U

MOTOR TYP "HY"
FLANSCH ø50 GEFORMT - KEGELWELLE

X 2 U 51 22 F S R A

Serie	X	Serie XV
Gruppe	2	Gruppe 2
Kategorie	U	In eine Richtung drehender Motor
Hubraum	51	17
Flansch	22	Ø50 DEUTSCHE NORM HY Drehrichtung rechts
Welle	F	CO002 - Konisch 1:5 - ø17.4 - M12x1.5 - Scheibenfeder Dicke 3
Gehäuse	IN	S Ansaugung - Ø40 a 45° Ø20 M6
	OUT	R Druckseite - Ø35 a 45° Ø15 M6
Deckel	A	Standard



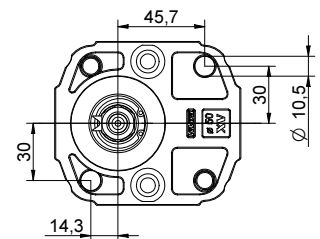
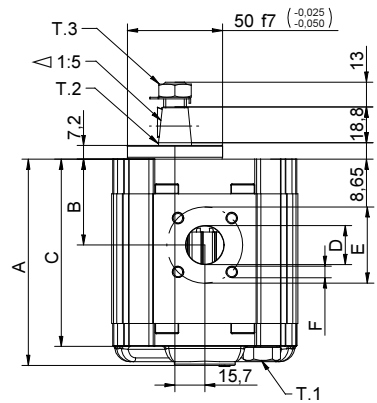
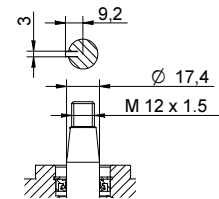
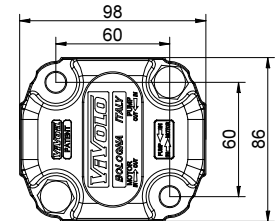
XU213

Technische Datentabelle																					
TYP	Hubraum	Maximaldruck		CODE																	
		cm3/u	P1 bar	P3 bar	Drehung links			Drehung rechts													
XV-2U/04	4,20	260	300	X	2	U	41	21	F	S	R	A	X	2	U	41	22	F	S	R	A
XV-2U/06	6,00	260	300	X	2	U	43	21	F	S	R	A	X	2	U	43	22	F	S	R	A
XV-2U/09	8,40	260	300	X	2	U	45	21	F	S	R	A	X	2	U	45	22	F	S	R	A
XV-2U/11	10,80	260	300	X	2	U	47	21	F	S	R	A	X	2	U	47	22	F	S	R	A
XV-2U/14	14,40	250	290	X	2	U	49	21	F	S	R	A	X	2	U	49	22	F	S	R	A
XV-2U/17	16,80	230	270	X	2	U	51	21	F	S	R	A	X	2	U	51	22	F	S	R	A
XV-2U/19	19,20	210	250	X	2	U	53	21	F	S	R	A	X	2	U	53	22	F	S	R	A
XV-2U/22	22,80	200	240	X	2	U	55	21	F	S	R	A	X	2	U	55	22	F	S	R	A
XV-2U/26	26,20	170	210	X	2	U	57	21	F	S	R	A	X	2	U	57	22	F	S	R	A
XV-2U/30	30,00	160	200	X	2	U	59	21	F	S	S	A	X	2	U	59	22	F	S	S	A
XV-2U/34	34,20	150	190	X	2	U	61	21	F	S	S	A	X	2	U	61	22	F	S	S	A
XV-2U/40	39,60	140	180	X	2	U	63	21	F	S	S	A	X	2	U	63	22	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		
	kg	mm	mm	mm				ø		
XV-2U/04	2,100	87,2	38,6	77,2	ø15	35	M6x1	ø20	40	M6x1
XV-2U/06	2,200	90,2	38,6	80,2	ø15	35	M6x1	ø20	40	M6x2
XV-2U/09	2,300	94,2	40,6	84,2	ø15	35	M6x1	ø20	40	M6x3
XV-2U/11	2,400	98,2	45,0	88,2	ø15	35	M6x1	ø20	40	M6x4
XV-2U/14	2,600	104,2	45,0	94,2	ø15	35	M6x1	ø20	40	M6x5
XV-2U/17	2,700	108,2	45,0	98,2	ø15	35	M6x1	ø20	40	M6x6
XV-2U/19	2,800	112,2	45,0	102,2	ø15	35	M6x1	ø20	40	M6x7
XV-2U/22	2,950	118,2	52,5	108,2	ø15	35	M6x1	ø20	40	M6x8
XV-2U/26	3,050	122,2	52,5	112,2	ø15	35	M6x1	ø20	40	M6x9
XV-2U/30	3,300	130,2	60,7	120,2	ø20	40	M6x1	ø20	40	M6x10
XV-2U/34	3,500	137,2	60,7	127,2	ø20	40	M6x1	ø20	40	M6x11
XV-2U/40	3,700	146,2	60,7	136,2	ø20	40	M6x1	ø20	40	M6x12



26/08/04 XZPS12ZF5RA.dft

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



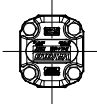
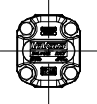


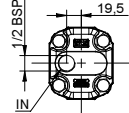
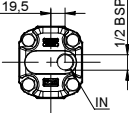


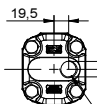
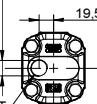


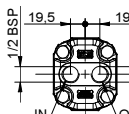
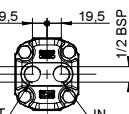
T.3 = 40 [Nm] - Anzugsmoment - Schlüssel 19

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

Tabelle der Varianten

XV-2U

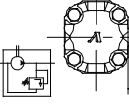
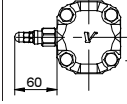
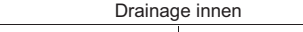
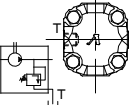
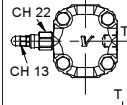

FLANSCH $\varnothing 50$ "HY" – Geformt

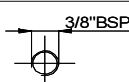
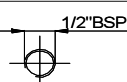
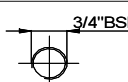
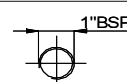
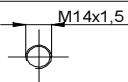
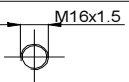
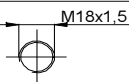
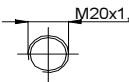
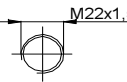
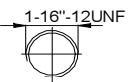

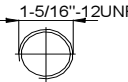
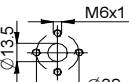
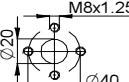
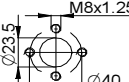
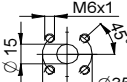
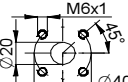
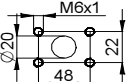
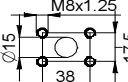
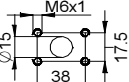
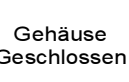
FLANSCH $\varnothing 50$ "HY" – Geformt				Welle				Deckel			
Drehung links		Drehung rechts						Drehung links		Drehung rechts	
	21		22	CI001 - Zylindrisch T.2 = 44.1 [Nm]	A	CI002 - Zylindrisch T.2 = 67.5 [Nm]	B			A	
	23		24	CO001 - Konisch T.2 = 233.2 [Nm]	E	CO002 - Konisch T.2 = 233.2 [Nm]	F			B	
	25		26	SCF03 - genutet T.2 = 86.1 [Nm]	H					C	
	27		28							D	

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

Gehäuse Standard						
Hubraum	cm ³ /u	Standardgewinde				
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

Kombinationstabelle der lagermäßig vorrätigen
Standardgewinde und Anflansungen

		N
 Drainage innen		
		O
 Drainage aussen		

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