

Zahnradmotoren

– Serie XV –

Baugröße 3



Bestellnr.	Typ	Code
D = rechtsdrehend		
019-010-01000	XV3U/15D	X3U6602AAAA
019-010-01100	XV3U/18D	X3U6802AAAA
019-010-01200	XV3U/21D	X3U7002AAAA
019-010-01300	XV3U/27D	X3U7202AAAA
019-010-01400	XV3U/32D	X3U7402ABBA
019-010-01500	XV3U/38D	X3U7802ABBA
019-010-01600	XV3U/43D	X3U7902ABBA
019-010-01700	XV3U/47D	X3U8002ABBA
019-010-01800	XV3U/51D	X3U8102ABBA
019-010-01900	XV3U/54D	X3U8202ABBA
019-010-02000	XV3U/61D	X3U8302ACCA
019-010-02100	XV3U/64D	X3U8502ACCA
019-010-02200	XV3U/70D	X3U8602ACCA
019-010-02300	XV3U/74D	X3U8702ACCA
019-010-02400	XV3U/90D	X3U8902ACCA
S = linksdrehend		
019-010-01050	XV3U/15S	X3U6601AAAA
019-010-01150	XV3U/18S	X3U6801AAAA
019-010-01250	XV3U/21S	X3U7001AAAA
019-010-01350	XV3U/27S	X3U7201AAAA
019-010-01450	XV3U/32S	X3U7401ABBA
019-010-01550	XV3U/38S	X3U7801ABBA
019-010-01650	XV3U/43S	X3U7901ABBA
019-010-01750	XV3U/47S	X3U8001ABBA
019-010-01850	XV3U/51S	X3U8101ABBA
019-010-01950	XV3U/54S	X3U8201ABBA
019-010-02050	XV3U/61S	X3U8301ACCA
019-010-02150	XV3U/64S	X3U8501ACCA
019-010-02250	XV3U/70S	X3U8601ACCA
019-010-02350	XV3U/74S	X3U8701ACCA
019-010-02450	XV3U/90S	X3U8901ACCA

4-Loch-Flansch -Bohrungsabstand = 137 x 98,4 mm / Rezess = \varnothing 50,8 mm / Welle -CO.001 1:8 -d = \varnothing 22 mm

-M 14x1,5 -Passfeder = 4,0 mm / max. zulässiges Wellendrehmoment = 482 Nm / Ölanlüsse = Flansch LK 40/51/62 seitlich

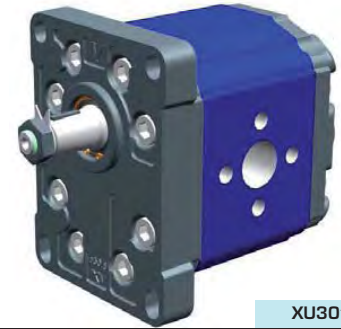
In eine Richtung drehender Motor - Serie XV

EUROPÄISCHE STANDARDMOTOR
FLANSCH ø50.8 - KEGELWELLE

XV-3U

X 3 U 78 02 A B B A

Serie	X	Serie XV
Gruppe	3	Gruppe 3
Kategorie	U	In eine Richtung drehender Motor
Hubraum	78	38
Flansch	02	Ø50.8 Drehrichtung rechts
Welle	A	CO001 - Konisch 1:8 - ø22 - Scheibenfeder Dicke 4
Gehäuse	IN	ANSaugung - Ø51 Ø27 M10
	OUT	Druckseite - Ø51 Ø27 M10
Deckel	A	Standard

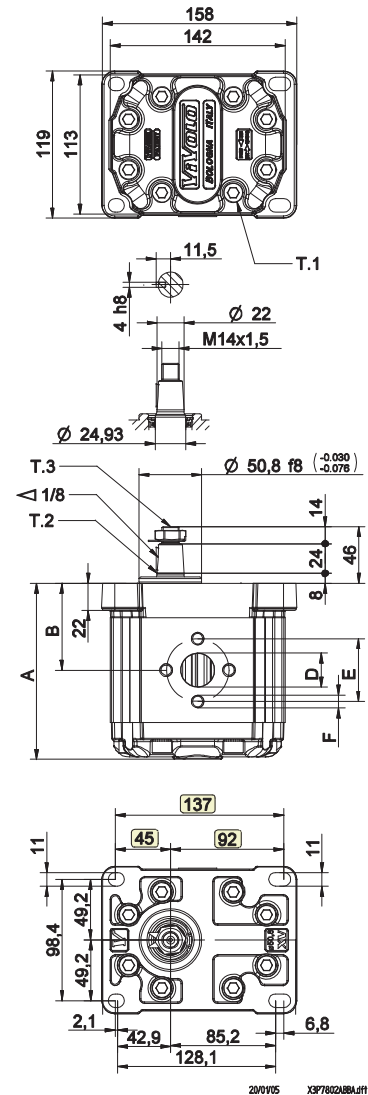


XU301

Technische Datentabelle						
TYP	Hubraum	Maximaldruck		CODE		
		P1 bar	P3 bar	Drehung links		Drehung rechts
	cm ³ /u					
XV-3U/15	14,89	300	320	X 3 U 66 01 A A A A	X 3 U 66 02 A A A A	
XV-3U/18	17,37	300	320	X 3 U 68 01 A A A A	X 3 U 68 02 A A A A	
XV-3U/21	21,10	280	300	X 3 U 70 01 A A A A	X 3 U 70 02 A A A A	
XV-3U/27	26,97	250	270	X 3 U 72 01 A A A A	X 3 U 72 02 A A A A	
XV-3U/32	32,27	250	270	X 3 U 74 01 A B B A	X 3 U 74 02 A B B A	
XV-3U/38	38,47	250	270	X 3 U 78 01 A B B A	X 3 U 78 02 A B B A	
XV-3U/43	43,44	250	270	X 3 U 79 01 A B B A	X 3 U 79 02 A B B A	
XV-3U/47	47,16	230	250	X 3 U 80 01 A B B A	X 3 U 80 02 A B B A	
XV-3U/51	50,88	230	250	X 3 U 81 01 A B B A	X 3 U 81 02 A B B A	
XV-3U/54	54,60	230	250	X 3 U 82 01 A B B A	X 3 U 82 02 A B B A	
XV-3U/61	60,81	230	250	X 3 U 83 01 A C C A	X 3 U 83 02 A C C A	
XV-3U/64	64,53	210	230	X 3 U 85 01 A C C A	X 3 U 85 02 A C C A	
XV-3U/70	70,74	200	220	X 3 U 86 01 A C C A	X 3 U 86 02 A C C A	
XV-3U/74	74,46	180	200	X 3 U 87 01 A C C A	X 3 U 87 02 A C C A	
XV-3U/90	86,87	150	170	X 3 U 89 01 A C C A	X 3 U 89 02 A C C A	

P1) Max. Betriebsdruck - P3) Max. Druckspitze
Für schwere Anwendungen empfiehlt sich eine Prüfung des zulässigen Wellendrehmoments

Dimensionstabelle									
TYP	Gewicht	A	B	D	E	F	D	E	F
		mm	mm	IN	IN	IN	OUT	OUT	OUT
XV-3U/15	7,010	124,0	61,0	ø20	40	M8	ø20	40	M8
XV-3U/18	7,070	126,0	62,0	ø20	40	M8	ø20	40	M8
XV-3U/21	7,150	129,0	63,5	ø20	40	M8	ø20	40	M8
XV-3U/27	7,250	133,0	65,5	ø20	40	M8	ø20	40	M8
XV-3U/32	7,390	138,0	68,0	ø27	51	M10	ø27	51	M10
XV-3U/38	7,520	143,0	70,5	ø27	51	M10	ø27	51	M10
XV-3U/43	7,630	147,0	72,5	ø27	51	M10	ø27	51	M10
XV-3U/47	7,710	150,0	74,0	ø27	51	M10	ø27	51	M10
XV-3U/51	7,790	153,0	75,5	ø27	51	M10	ø27	51	M10
XV-3U/54	7,870	156,0	77,0	ø27	51	M10	ø27	51	M10
XV-3U/61	8,010	161,0	79,5	ø36	62	M10	ø36	62	M10
XV-3U/64	8,090	164,0	81,0	ø36	62	M10	ø36	62	M10
XV-3U/70	8,220	169,0	83,5	ø36	62	M10	ø36	62	M10
XV-3U/74	8,300	172,0	85,0	ø36	62	M10	ø36	62	M10
XV-3U/90	8,570	182,0	90,0	ø36	62	M10	ø36	62	M10



T.1 = 60+65 [Nm] - Anzugsmoment - Schrauben M10



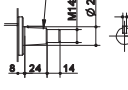
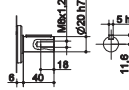


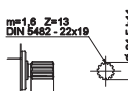
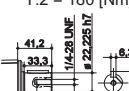
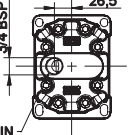
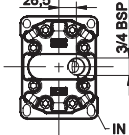
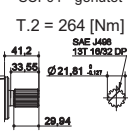
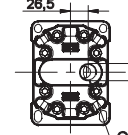
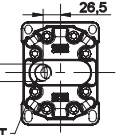
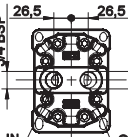
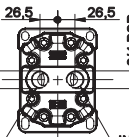
T.3 = 75 [Nm] - Anzugsmoment - Schlüssel 22

T.2 = 482 [Nm] - zulässiges Wellendrehmoment (N.B. Zur Auswahl der Welle stets das zulässige Drehmoment prüfen).

Tabelle der Varianten

XV-3U

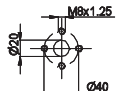
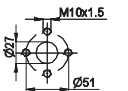
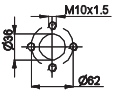
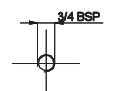
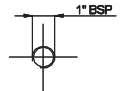
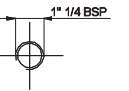
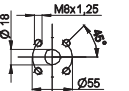
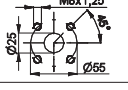
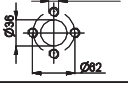
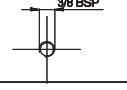
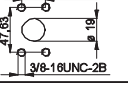
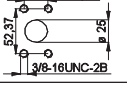
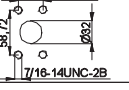


FLANSCH $\varnothing 50.8$

FLANSCH $\varnothing 50.8$				Tabelle der Varianten				Deckel					
Drehung links		Drehung rechts						Drehung links		Drehung rechts			
	01		02	CO001 - Konisch T.2 = 482 [Nm] 	A		B			A			
					C	CI004 - Zylindrisch T.2 = 180 [Nm] 	H			B			
				SCF04 - genutet T.2 = 264 [Nm] 	I					C			
										D			

Hubraum	
TYP	CODE
XV-3U/15	66
XV-3U/18	68
XV-3U/21	70
XV-3U/27	72
XV-3U/32	74
XV-3U/38	78
XV-3U/43	79
XV-3U/47	80
XV-3U/51	81
XV-3U/54	82
XV-3U/61	83
XV-3U/64	85
XV-3U/70	86
XV-3U/74	87
XV-3U/90	89

Gehäuse Standard				
Hubraum	cm ³ /u	Standardgewinde		
14		A - A	D - D	H - H
17		A - A	D - D	H - H
21		A - A	D - D	H - H
26		A - A	E - E	H - H
32		B - B	E - E	H - H
38		B - B	E - E	H - H
43		B - B	E - E	H - H
47		B - B	E - E	H - H
51		B - B	E - E	H - H
54		B - B	E - E	H - H
61		C - C	F - F	
64		C - C	F - F	
70		C - C	F - F	
74		C - C	F - F	
90		C - C	F - F	

Kombinationstabelle der lagermässig vorrätigen Standardgewinde und Anflansungen

Gehäuse (Gewinde und Anflansungen)													
	A		B		C		D		E		F		G
	H		I		J		K		L		M		N
	O												
Gehäuse Geschlossen	Z												