

Zahnradmotoren

- Serie XV -

Baugröße 1



Bestellnr.	Typ	Code
Reversierbar		
016-080-01000	XV1M/0,9-Lecköl extern	X1M1601FIIE
016-080-01050	XV1M/1,2-Lecköl extern	X1M1701FIIE
016-080-01100	XV1M/1,7-Lecköl extern	X1M1801FIIE
016-080-01150	XV1M/2,2-Lecköl extern	X1M2001FIIE
016-080-01200	XV1M/2,6-Lecköl extern	X1M2101FIIE
016-080-01250	XV1M/3,2-Lecköl extern	X1M2301FIIE
016-080-01300	XV1M/3,8-Lecköl extern	X1M2501FIIE
016-080-01350	XV1M/4,3-Lecköl extern	X1M2701FIIE
016-080-01400	XV1M/4,9-Lecköl extern	X1M2901FIIE
016-080-01450	XV1M/5,9-Lecköl extern	X1M3101FIIE
016-080-01500	XV1M/6,5-Lecköl extern	X1M3201FIIE
016-080-01550	XV1M/7,8-Lecköl extern	X1M3401FIIE
016-080-01600	XV1M/9,8-Lecköl extern	X1M3601FIIE

Europäischer Standard-4-Loch-Flansch -Bohrungsabstand = 71,9 x 52,4 mm / Rezz = \varnothing 25,4 mm / Welle -CO.001 1:8 -d = \varnothing 10 mm
-M 7x1 -Passfeder = 2,4 mm / max. zulässiges Wellendrehmoment = 43 Nm / Ölschlüsse = Flansche \varnothing 30 mm seitlich

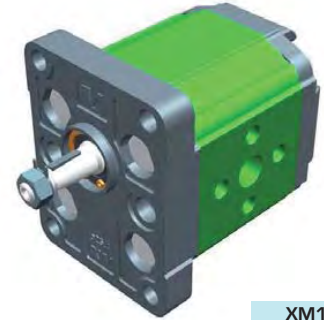
Umkehrmotor - Serie XV

EUROPÄISCHE STANDARDMOTOR
FLANSCH $\varnothing 25.4$ - KEGELWELLE

XV-1M

X 1 M 25 01 F I I E

Serie	X	Serie XV
Gruppe	1	Gruppe 1
Kategorie	M	Umkehrmotor
Hubraum	25	3.8
Flansch	01	$\varnothing 25.4$ EUROPÄISCHER STANDARD Drehrichtung umkehrbar
Welle	F	CO001 - Konisch 1:8 - $\varnothing 10$ - M7x1 - Scheibenfeder Dicke 2.4
Gehäuse	IN	Ansaugung - $\varnothing 30$ $\varnothing 12$ M6
	OUT	Druckseite - $\varnothing 30$ $\varnothing 12$ M6
Deckel	E	Mit Drainage 1/4" BSP



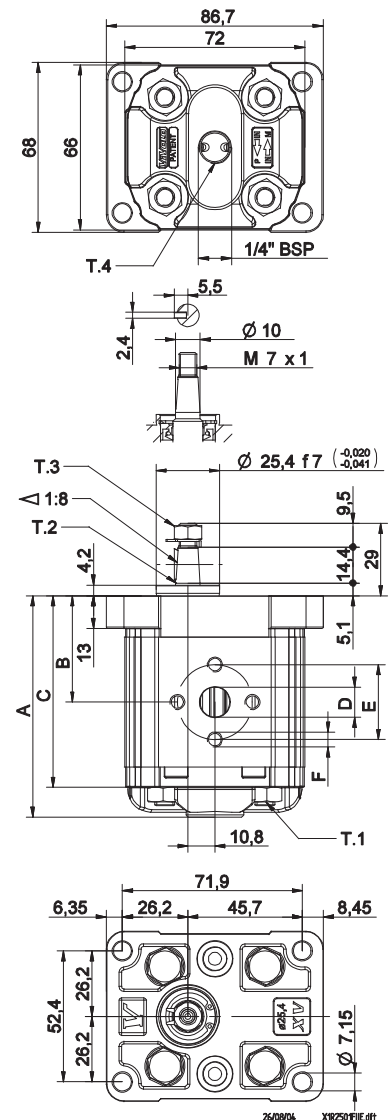
XM101

Technische Datentabelle						
TYP	Hubraum	Maximaldruck		CODE		
		cm ³ /u	P1 bar	P3 bar	Drainage aussen	Drainage innen
XV-1M/0.9	0,91	240	280	X 1 M 16 01 F I I E	X 1 M 16 01 F I I F	
XV-1M/1.2	1,17	250	290	X 1 M 17 01 F I I E	X 1 M 17 01 F I I F	
XV-1M/1.7	1,56	250	290	X 1 M 18 01 F I I E	X 1 M 18 01 F I I F	
XV-1M/2.2	2,08	250	290	X 1 M 20 01 F I I E	X 1 M 20 01 F I I F	
XV-1M/2.6	2,60	250	300	X 1 M 21 01 F I I E	X 1 M 21 01 F I I F	
XV-1M/3.2	3,12	250	300	X 1 M 23 01 F I I E	X 1 M 23 01 F I I F	
XV-1M/3.8	3,64	250	300	X 1 M 25 01 F I I E	X 1 M 25 01 F I I F	
XV-1M/4.3	4,16	250	300	X 1 M 27 01 F I I E	X 1 M 27 01 F I I F	
XV-1M/4.9	4,94	250	300	X 1 M 29 01 F I I E	X 1 M 29 01 F I I F	
XV-1M/5.9	5,85	250	300	X 1 M 31 01 F I I E	X 1 M 31 01 F I I F	
XV-1M/6.5	6,50	250	300	X 1 M 32 01 F I I E	X 1 M 32 01 F I I F	
XV-1M/7.8	7,54	220	260	X 1 M 34 01 F I I E	X 1 M 34 01 F I I F	
XV-1M/9.8	9,88	190	230	X 1 M 36 01 F I I E	X 1 M 36 01 F I I F	

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-1M/0.9	0,950	78,1	37,3	66,1	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/1.2	0,970	79,0	37,8	67,0	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/1.7	1,010	80,5	38,5	68,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/2.2	1,030	82,5	39,5	70,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/2.6	1,060	84,5	40,5	72,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/3.2	1,090	86,5	41,5	74,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/3.8	1,120	88,5	42,5	76,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/4.3	1,170	90,5	43,5	78,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/4.9	1,200	93,5	45,0	81,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/5.9	1,260	97,0	46,8	85,0	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/6.5	1,300	98,5	48,0	86,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/7.8	1,360	103,5	50,0	91,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1
XV-1M/9.8	1,500	112,5	54,5	100,5	$\varnothing 12$	30	M6x1	$\varnothing 12$	30	M6x1



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

T.3 = 11.5 [Nm] - Anzugsmoment - Schlüssel 11


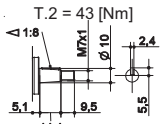
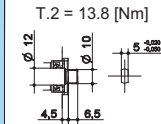
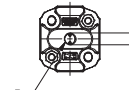
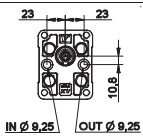
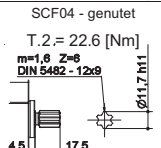
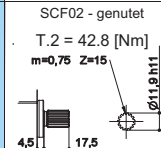

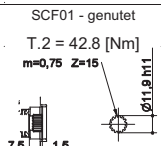
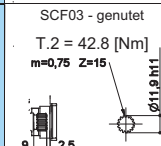
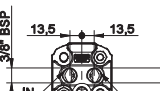
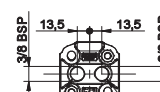
T.2 = 43 [Nm] - zulässiges Wellendrehmoment (N.B. Zur Auswahl der Welle stets das zulässige Drehmoment prüfen).

T.4 = 0.3±0.5 bar - Drainage Maximaldruck

Tabelle der Varianten

XV-1M

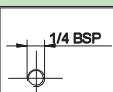
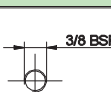
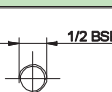
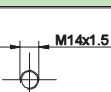
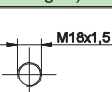
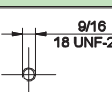

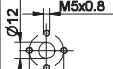
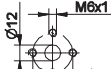
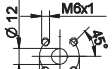
FLANSCH $\varnothing 25.4$

FLANSCH $\varnothing 25.4$	Tabelle der Varianten		Deckel		
	01	<p>CO001 - Konisch T.2 = 43 [Nm]</p> 	<p>002 - mit gefrästem Endstü T.2 = 13.8 [Nm]</p> 	 <p>1/4" BSP</p> <p>Drainage aussen</p>	E
 <p>IN $\varnothing 9.25$ OUT $\varnothing 9.25$</p>	04	<p>SCF04 - genutet T.2 = 22.6 [Nm] m=1.6 Z=8 DIN 5482-12x9</p> 	<p>SCF02 - genutet T.2 = 42.8 [Nm] m=0.75 Z=15</p> 	 <p>Drainage innen</p>	F
		<p>SCF01 - genutet T.2 = 42.8 [Nm] m=0.75 Z=15</p> 	<p>SCF03 - genutet T.2 = 42.8 [Nm] m=0.75 Z=15</p> 	 <p>IN + OUT +</p>	K
				 <p>IN + OUT +</p>	L

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

Gehäuse Standard					
Hubraum	cm ³ /u	Standardgewinde			
0.9	1 - 1	B - B	J - J	Z - Z	Z - Z
1.2	1 - 1	B - B	J - J	Z - Z	Z - Z
1.7	1 - 1	B - B	J - J	Z - Z	Z - Z
2.2	1 - 1	B - B	J - J	Z - Z	Z - Z
2.6	1 - 1	B - B	J - J	Z - Z	Z - Z
3.2	1 - 1	B - B	J - J	Z - Z	Z - Z
3.8	1 - 1	B - B	J - J	Z - Z	Z - Z
4.3	1 - 1	B - B	J - J	Z - Z	Z - Z
4.9	1 - 1	B - B	J - J	Z - Z	Z - Z
5.9	1 - 1	B - B	J - J	Z - Z	Z - Z
6.5	1 - 1	B - B	J - J	Z - Z	Z - Z
7.8	1 - 1	B - B	J - J	Z - Z	Z - Z
9.8	1 - 1	B - B	J - J	Z - Z	Z - Z

Kombinationstabelle der lagermäßig vorrätigen
Standardgewinde und Anflansungen

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