Zahnradmotoren

– Serie XV –

Baugröße 1

Bestellnr.	Typ	Code
Reversierbar		
016-100-01000	XV1M/0,9-Ø30-C0.002-Leckö l extern	X1M1607GIIE
016-100-01050	XV1M/1,2-Ø30-C0.002-Leckö l extern	X1M1707GIIE
016-100-01100	XV1M/1,7-Ø30-C0.002-Leckö l extern	X1M1807GIIE
016-100-01150	XV1M/2,2-Ø30-C0.002-Leckö l extern	X1M2007GIIE
016-100-01200	XV1M/2,6-Ø30-C0.002-Leckö l extern	X1M2107GIIE
016-100-01250	XV1M/3,2-Ø30-C0.002-Leckö l extern	X1M2307GIIE
016-100-01300	XV1M/3,8-Ø30-C0.002-Leckö l extern	X1M2507GIIE
016-100-01350	XV1M/4,3-Ø30-C0.002-Leckö l extern	X1M2707GIIE
016-100-01400	XV1M/4,9-Ø30-C0.002-Leckö l extern	X1M2907GIIE
016-100-01450	XV1M/5,9-Ø30-C0.002-Leckö l extern	X1M3107GIIE
016-100-01500	XV1M/6,5-Ø30-C0.002-Leckö l extern	X1M3207GIIE
016-100-01550	XV1M/7,8-Ø30-C0.002-Leckö l extern	X1M3407GIIE
016-100-01600	XV1M/9,8-Ø30-C0.002-Leckö l extern	X1M3607GIIE

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 / Ölanschlüsse = Flansche Ø 30 mm seitlich

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HYMATEC GMBH
HYDRAULIK MASCHINEN TECHNIK

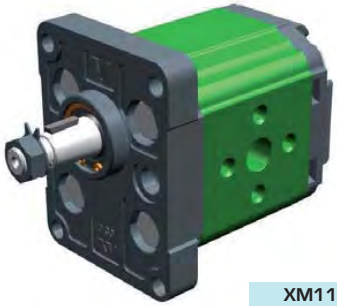
Umkehrmotor - Serie XV

STANDARDMOTOR
FLANSCH ø30 - KEGELWELLE

XV-1M

X	1	M	25	07	G	I	I	E

Serie		X	Serie XV
Gruppe		1	Gruppe 1
Kategorie		M	Umkehrmotor
Hubraum		25	3.8
Flansch		07	Ø30 STANDARD Drehrichtung umkehrbar
Welle		G	CO002 - Konisch 1:8 - ø14 - M10x1- Scheibenfeder Dicke 3
Gehäuse	IN	I	Ansaugung - Ø30 Ø12 M6
	OUT	I	Druckseite - Ø30 Ø12 M6
Deckel		E	Mit Drainage 1/4" BSP



XM113

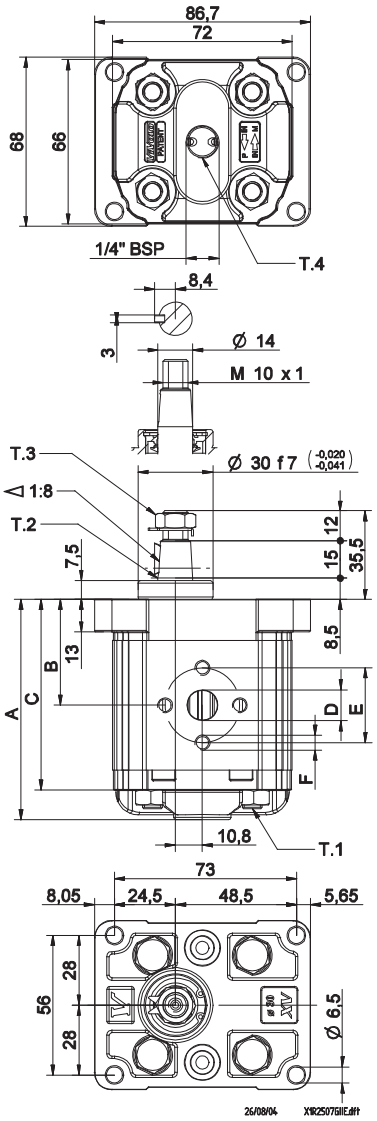
Technische Datentabelle

TYP	Hubraum	Maximaldruck		CODE	
	cm3/u	P1 bar	P3 bar	Drainage aussen	Drainage innen
XV-1M/0.9	0,91	240	280	X 1 M 16 07 G I I E	X 1 M 16 07 G I I F
XV-1M/1.2	1,17	250	290	X 1 M 17 07 G I I E	X 1 M 17 07 G I I F
XV-1M/1.7	1,56	250	290	X 1 M 18 07 G I I E	X 1 M 18 07 G I I F
XV-1M/2.2	2,08	250	290	X 1 M 20 07 G I I E	X 1 M 20 07 G I I F
XV-1M/2.6	2,60	250	300	X 1 M 21 07 G I I E	X 1 M 21 07 G I I F
XV-1M/3.2	3,12	250	300	X 1 M 23 07 G I I E	X 1 M 23 07 G I I F
XV-1M/3.8	3,64	250	300	X 1 M 25 07 G I I E	X 1 M 25 07 G I I F
XV-1M/4.3	4,16	250	300	X 1 M 27 07 G I I E	X 1 M 27 07 G I I F
XV-1M/4.9	4,94	250	300	X 1 M 29 07 G I I E	X 1 M 29 07 G I I F
XV-1M/5.9	5,85	250	300	X 1 M 31 07 G I I E	X 1 M 31 07 G I I F
XV-1M/6.5	6,50	250	300	X 1 M 32 07 G I I E	X 1 M 32 07 G I I F
XV-1M/7.8	7,54	220	260	X 1 M 34 07 G I I E	X 1 M 34 07 G I I F
XV-1M/9.8	9,88	190	230	X 1 M 36 07 G I I E	X 1 M 36 07 G 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
	kg	mm	mm	mm	IN			OUT		
XV-1M/0.9	0,950	78,1	37,3	66,1	ø12	30	M6x1	ø12	30	M6x1
XV-1M/1.2	0,970	79,0	37,8	67,0	ø12	30	M6x1	ø12	30	M6x1
XV-1M/1.7	1,010	80,5	38,5	68,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/2.2	1,030	82,5	39,5	70,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/2.6	1,060	84,5	40,5	72,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/3.2	1,090	86,5	41,5	74,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/3.8	1,120	88,5	42,5	76,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/4.3	1,170	90,5	43,5	78,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/4.9	1,200	93,5	45,0	81,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/5.9	1,260	97,0	46,8	85,0	ø12	30	M6x1	ø12	30	M6x1
XV-1M/6.5	1,300	98,5	48,0	86,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/7.8	1,360	103,5	50,0	91,5	ø12	30	M6x1	ø12	30	M6x1
XV-1M/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).
T.4 = 0.3÷0,5 bar - Drainage Maximaldruck

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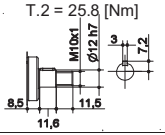
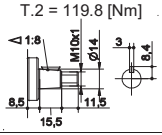
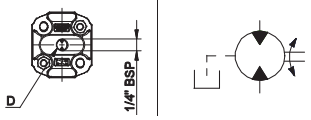
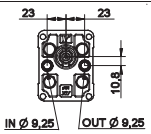
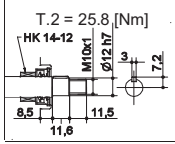
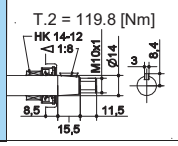
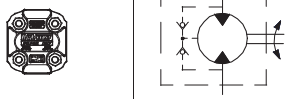
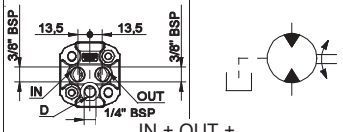
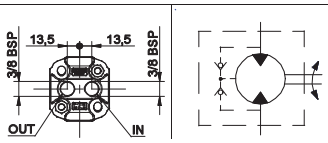
HYDRAULIK MASCHINEN TECHNIK

Tabelle der Varianten

FLANSCH ø30

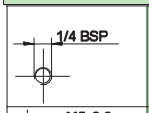
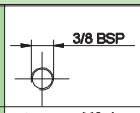
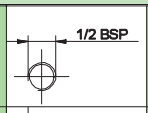
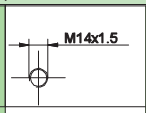
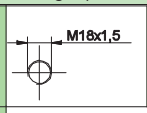
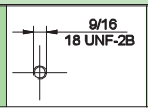
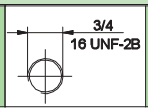
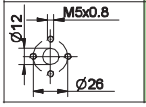
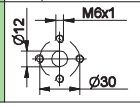
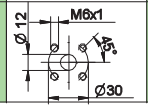
XV-1M

FLANSCH ø30		Tabelle der Varianten				Deckel	
	07	CI001 - Zylindrisch T.2 = 25.8 [Nm] 	A	CO002 - Konisch T.2 = 119.8 [Nm] 	G	 Drainage aussen	E
	10	CI001+HK - Zylindrisch T.2 = 25.8 [Nm] 	P	CO002+HK - Konisch T.2 = 119.8 [Nm] 	O	 Drainage innen	F
						 IN + OUT +	K
						 IN + OUT +	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 cm3/u	Standardgewinde			
0.9	I - I	B - B	J - J	Z - Z
1.2	I - I	B - B	J - J	Z - Z
1.7	I - I	B - B	J - J	Z - Z
2.2	I - I	B - B	J - J	Z - Z
2.6	I - I	B - B	J - J	Z - Z
3.2	I - I	B - B	J - J	Z - Z
3.8	I - I	B - B	J - J	Z - Z
4.3	I - I	B - B	J - J	Z - Z
4.9	I - I	B - B	J - J	Z - Z
5.9	I - I	B - B	J - J	Z - Z
6.5	I - I	B - B	J - J	Z - Z
7.8	I - I	B - B	J - J	Z - Z
9.8	I - I	B - B	J - J	Z - Z

Kombinationstabelle der lagermässig vorrätigen Standardgewinde und Anflanschungen

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

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