

## Zahnradmotoren

- Serie XV -

Baugröße 1



Bestellnr.	Typ	Code
<b>D = rechtsdrehend</b>		
016-030-01000	XV1U/0,9D-Ø30-C0.002	X1U1612GIIA
016-030-01100	XV1U/1,2D-Ø30-C0.002	X1U1712GIIA
016-030-01200	XV1U/1,7D-Ø30-C0.002	X1U1812GIIA
016-030-01300	XV1U/2,2D-Ø30-C0.002	X1U2012GIIA
016-030-01400	XV1U/2,6D-Ø30-C0.002	X1U2112GIIA
016-030-01500	XV1U/3,2D-Ø30-C0.002	X1U2312GIIA
016-030-01600	XV1U/3,8D-Ø30-C0.002	X1U2512GIIA
016-030-01700	XV1U/4,3D-Ø30-C0.002	X1U2712GIIA
016-030-01800	XV1U/4,9D-Ø30-C0.002	X1U2912GIIA
016-030-01900	XV1U/5,9D-Ø30-C0.002	X1U3112GIIA
016-030-02000	XV1U/6,5D-Ø30-C0.002	X1U3212GIIA
016-030-02100	XV1U/7,8D-Ø30-C0.002	X1U3412GIIA
016-030-02200	XV1U/9,8D-Ø30-C0.002	X1U3612GIIA
<b>S = linksdrehend</b>		
016-030-01050	XV1U/0,9S-Ø30-C0.002	X1U1611GIIA
016-030-01150	XV1U/1,2S-Ø30-C0.002	X1U1711GIIA
016-030-01250	XV1U/1,7S-Ø30-C0.002	X1U1811GIIA
016-030-01350	XV1U/2,2S-Ø30-C0.002	X1U2011GIIA
016-030-01450	XV1U/2,6S-Ø30-C0.002	X1U2111GIIA
016-030-01550	XV1U/3,2S-Ø30-C0.002	X1U2311GIIA
016-030-01650	XV1U/3,8S-Ø30-C0.002	X1U2511GIIA
016-030-01750	XV1U/4,3S-Ø30-C0.002	X1U2711GIIA
016-030-01850	XV1U/4,9S-Ø30-C0.002	X1U2911GIIA
016-030-01950	XV1U/5,9S-Ø30-C0.002	X1U3111GIIA
016-030-02050	XV1U/6,5S-Ø30-C0.002	X1U3211GIIA
016-030-02150	XV1U/7,8S-Ø30-C0.002	X1U3411GIIA
016-030-02250	XV1U/9,8S-Ø30-C0.002	X1U3611GIIA

4-Loch-Flansch -Bohrungsabstand = 73 x 56 mm / Rezz = Ø 30 mm / Welle -CO.002 1:8 -d = Ø 14 mm  
-M 10x1 -Passfeder = 3,0 mm / max. zulässiges Wellendrehmoment = 119,8 Nm / Ölschlüsse = IG 3/8 seitlich

## Umkehrmotor - Serie XV

XV-1M

**STANDARDMOTOR**  
**FLANSCH ø30 - KEGELWELLE**

**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	Ansaugung - Ø30 Ø12 M6
	OUT	Druckseite - Ø30 Ø12 M6
Deckel	E	Mit Drainage 1/4" BSP

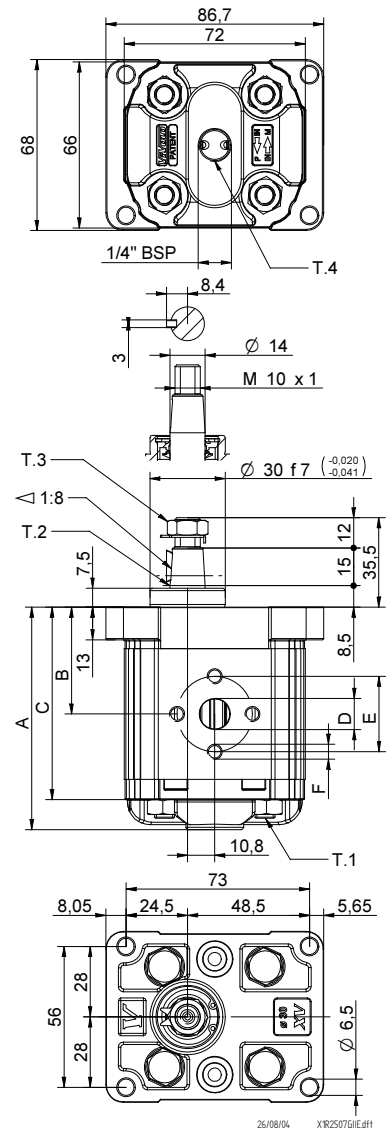


XM113

Technische Datentabelle						
TYP	Hubraum	Maximaldruck		CODE		
		P1 bar	P3 bar	Drainage aussen		Drainage innen
	cm3/u			X 1 M		
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
		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


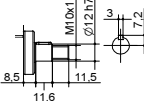
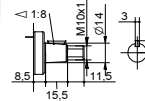
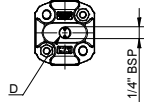
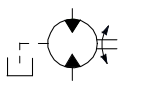
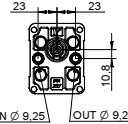
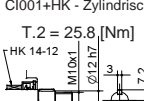
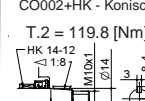
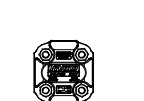
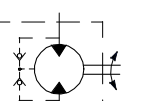
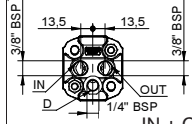
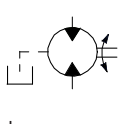
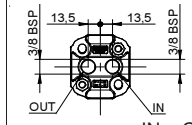
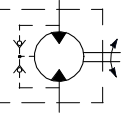


T.1 = 24.5÷29.4 [Nm] - Anzugsmoment - Schrauben M8  
 T.2 = 119.8 [Nm] - zulässiges Wellendrehmoment (N.B. Zur Auswahl der Welle stets das zulässige Drehmoment prüfen).  
 T.3 = 13 [Nm] - Anzugsmoment - Schlüssel 17  
 T.4 = 0.3÷0.5 bar - Drainage Maximaldruck

## Tabelle der Varianten

FLANSCH  $\varnothing 30$


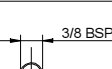
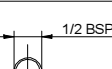
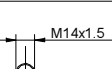
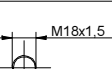
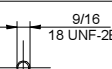
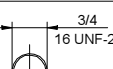
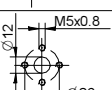
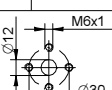
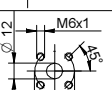
XV-1M

FLANSCH $\varnothing 30$		Welle		Deckel	
	<b>07</b>	CI001 - Zylindrisch T.2 = 25,8 [Nm] 	CO002 - Konisch T.2 = 119,8 [Nm] 	 Drainage aussen	 Drainage aussen
 IN $\varnothing 9,25$ OUT $\varnothing 9,25$	<b>10</b>	CI001+HK - Zylindrisch T.2 = 25,8 [Nm] 	CO002+HK - Konisch T.2 = 119,8 [Nm] 	 Drainage innen	 Drainage innen
				 IN + OUT +	 IN + OUT +
				 IN + OUT +	 IN + OUT +

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

Gehäuse Standard					
Hubraum	cm <sup>3</sup> /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 Anflansungen

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