

## Zahnradmotoren

- Serie XV -

Baugröße 2



Bestellnr.	Typ	Code
Reversierbar		
016-120-01000	XV2M/4-Lecköl extern	X2M4101E00E
016-120-01050	XV2M/6-Lecköl extern	X2M4301E00E
016-120-01100	XV2M/9-Lecköl extern	X2M4501E00E
016-120-01150	XV2M/11-Lecköl extern	X2M4701E00E
016-120-01200	XV2M/14-Lecköl extern	X2M4901EPPE
016-120-01250	XV2M/17-Lecköl extern	X2M5101EPPE
016-120-01300	XV2M/19-Lecköl extern	X2M5301EPPE
016-120-01350	XV2M/22-Lecköl extern	X2M5501EPPE
016-120-01400	XV2M/26-Lecköl extern	X2M5701EQPE
016-120-01450	XV2M/30-Lecköl extern	X2M5901EQPE
016-120-01500	XV2M/34-Lecköl extern	X2M6101EQPE
016-120-01550	XV2M/40-Lecköl extern	X2M6301EQPE

Europäischer Standard-4-Loch-Flansch -Bohrungsabstand = 96,2 x 71,5 mm / Rezzus =  $\varnothing$  36,5 mm / Welle -CO.001 1:8 -d =  $\varnothing$  17,4 mm  
-M 12x1,5 -Passfeder = 4,0 mm / max. zulässiges Wellendrehmoment = 233,2 Nm / Ölschlüsse = Flansch LK 30/40 seitlich

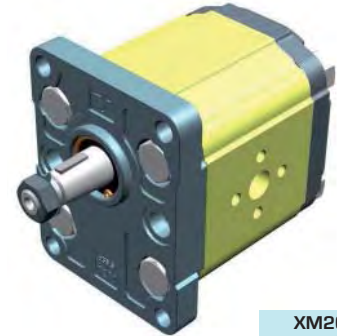
## Umkehrmotor - Serie XV

EUROPÄISCHE STANDARDMOTOR  
FLANSCH  $\varnothing 36.5$  - KEGELWELLE

## XV-2M

**X 2 M 51 01 E P P E**

Serie	X	Serie XV
Gruppe	2	Gruppe 2
Kategorie	M	Umkehrmotor
Hubraum	51	17
Flansch	01	$\varnothing 36,5$ EUROPÄISCHER STANDARD Drehrichtung umkehrbar
Welle	E	CO001 - Konisch 1:8 - $\varnothing 17.4$ - M12x1.5 - Scheibenfeder Dicke 4
Gehäuse	IN	Ansaugung - $\varnothing 40$ $\varnothing 20$ M8
	OUT	Druckseite - $\varnothing 40$ $\varnothing 20$ M8
Deckel	E	Mit Drainage aussen



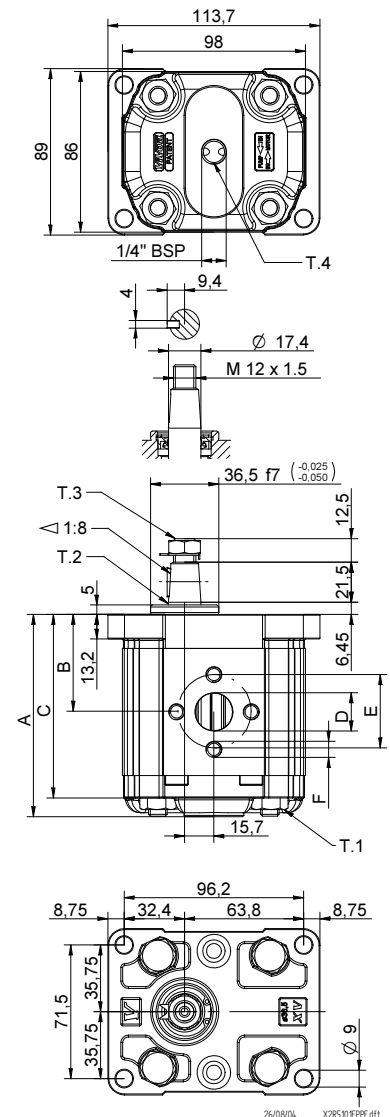
XM201

Technische Datentabelle							
TYP	Hubraum	Maximaldruck		CODE			
		cm <sup>3</sup> /u	P1 bar	P3 bar	Drainage aussen		Drainage innen
XV-2M/04	4,20	260	300	X 2 M 41 01 E O O E	X 2 M 41 01 E O O F		
XV-2M/06	6,00	260	300	X 2 M 43 01 E O O E	X 2 M 43 01 E O O F		
XV-2M/09	8,40	260	300	X 2 M 45 01 E O O E	X 2 M 45 01 E O O F		
XV-2M/11	10,80	260	300	X 2 M 47 01 E O O E	X 2 M 47 01 E O O F		
XV-2M/14	14,40	250	290	X 2 M 49 01 E P P E	X 2 M 49 01 E P P F		
XV-2M/17	16,80	230	270	X 2 M 51 01 E P P E	X 2 M 51 01 E P P F		
XV-2M/19	19,20	210	250	X 2 M 53 01 E P P E	X 2 M 53 01 E P P F		
XV-2M/22	22,80	200	240	X 2 M 55 01 E P P E	X 2 M 55 01 E P P F		
XV-2M/26	26,20	170	210	X 2 M 57 01 E Q P E	X 2 M 57 01 E Q P F		
XV-2M/30	30,00	160	200	X 2 M 59 01 E Q P E	X 2 M 59 01 E Q P F		
XV-2M/34	34,20	150	190	X 2 M 61 01 E Q P E	X 2 M 61 01 E Q P F		
XV-2M/40	39,60	140	180	X 2 M 63 01 E Q P E	X 2 M 63 01 E Q P 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-2M/04	2,200	87,2	41,7	77,2	$\varnothing 13,5$	30	M6x1	$\varnothing 13,5$	30	M6x1
XV-2M/06	2,300	90,2	43,2	80,2	$\varnothing 13,5$	30	M6x1	$\varnothing 13,5$	30	M6x1
XV-2M/09	2,400	94,2	45,2	84,2	$\varnothing 13,5$	30	M6x1	$\varnothing 13,5$	30	M6x1
XV-2M/11	2,500	98,2	47,2	88,2	$\varnothing 13,5$	30	M6x1	$\varnothing 13,5$	30	M6x1
XV-2M/14	2,700	104,2	50,2	94,2	$\varnothing 20$	40	M8X1,25	$\varnothing 20$	40	M8X1,25
XV-2M/17	2,800	108,2	52,2	98,2	$\varnothing 20$	40	M8X1,25	$\varnothing 20$	40	M8X1,25
XV-2M/19	2,900	112,2	54,2	102,2	$\varnothing 20$	40	M8X1,25	$\varnothing 20$	40	M8X1,25
XV-2M/22	3,050	118,2	57,2	108,2	$\varnothing 20$	40	M8X1,25	$\varnothing 20$	40	M8X1,25
XV-2M/26	3,150	122,2	59,2	112,2	$\varnothing 23,5$	40	M8X1,25	$\varnothing 20$	40	M8X1,25
XV-2M/30	3,400	130,2	63,2	120,2	$\varnothing 23,5$	40	M8X1,25	$\varnothing 20$	40	M8X1,25
XV-2M/34	3,600	137,2	66,7	127,2	$\varnothing 23,5$	40	M8X1,25	$\varnothing 20$	40	M8X1,25
XV-2M/40	3,800	146,2	71,2	136,2	$\varnothing 23,5$	40	M8X1,25	$\varnothing 20$	40	M8X1,25



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

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


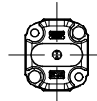
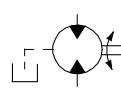
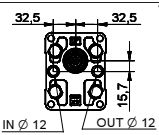
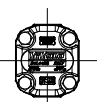
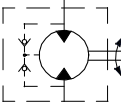
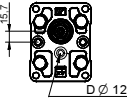
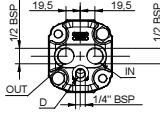
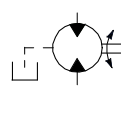
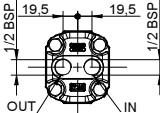
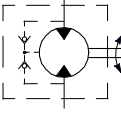
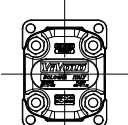
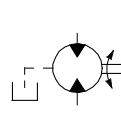
T.2 = 233.2 [Nm] - zulässiges Wellendrehmoment (N.B. Zur Auswahl der Welle stets das zulässige Drehmoment prüfen).

T.4 = 0.3±0,5 bar - Drainage Maximaldruck

## Tabelle der Varianten

**XV-2M**

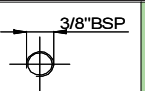
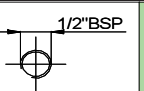

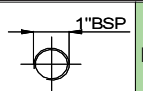
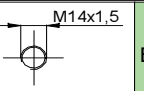
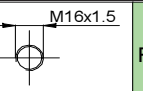
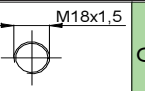
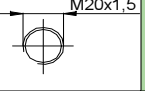
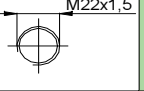
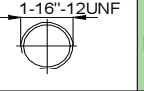


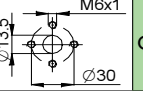
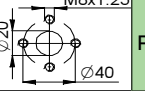
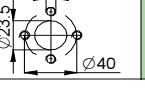
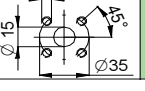
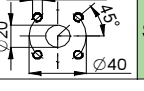
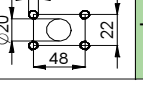
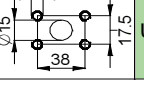
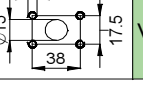
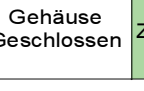
FLANSCH  $\varnothing 36.5$

FLANSCH $\varnothing 36.5$		Welle				Deckel		
	<b>01</b>	CI001 - Zylindrisch T.2 = 44.1 [Nm]	A	CI002 - Zylindrisch T.2 = 67.5 [Nm]	B			<b>E</b>
						Drainage aussen		
	<b>04</b>	CO001 - Konisch T.2 = 233.2 [Nm]	E	CO002 - Konisch T.2 = 233.2 [Nm]	F			<b>F</b>
						Drainage innen		
	<b>05</b>	SCF02 - genutet T.2 = 86.1 [Nm]	G	SCF03 - genutet T.2 = 86.1 [Nm]	H			<b>K</b>
						IN + OUT +		
		SCF04 - genutet T.2 = 67.1 [Nm]	I	SCF01 - genutet T.2 = 86.2 [Nm]	L			<b>L</b>
						IN + OUT +		
								<b>P</b>
						Drainage am Flansch		

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

Gehäuse Standard					
Hubraum	cm <sup>3</sup> /u	Standardgewinde			
4		O - O	R - R	B - B	Z - Z
6		O - O	R - R	B - B	Z - Z
9		O - O	R - R	B - B	Z - Z
11		O - O	R - R	B - B	Z - Z
14		P - P	R - R	C - C	Z - Z
17		P - P	R - R	C - C	Z - Z
19		P - P	R - R	C - C	Z - Z
22		P - P	R - R	C - C	Z - Z
26		Q - P	S - S	D - D	Z - Z
30		Q - P	S - S	D - D	Z - Z
34		Q - P	S - S	D - D	Z - Z
40		Q - P	S - S	D - D	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>L</b>		<b>M</b>		<b>N</b>		<b>O</b>		<b>P</b>
	<b>Q</b>		<b>R</b>		<b>S</b>		<b>T</b>		<b>U</b>		<b>V</b>		<b>Z</b>
												<b>Gehäuse Geschlossen</b>	