

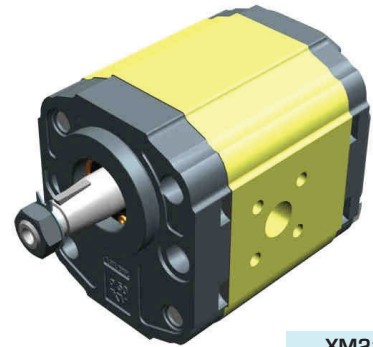
reversible motor - series XV

XV-2M

BH TYPE MOTOR
 ø50 BODY-SHAPED FLANGE - TAPER SHAFT

X 2 M 51 07 F R R E

Series	X	series XV
Group	2	group 2
Category	M	reversible motor
Displacement	51	17
Flange	07	Ø50 BH GERMAN STARDARDIZED reversible rotation
Shaft	F	CO002 - Tapered 1:5 - ø17.4 - M12x1.5 - key thk.3
Body	IN	inlet - Ø35 a 45° Ø15 M6
	OUT	outlet - Ø35 a 45° Ø15 M6
Cover	E	with external drainage



XM210

Technical data table

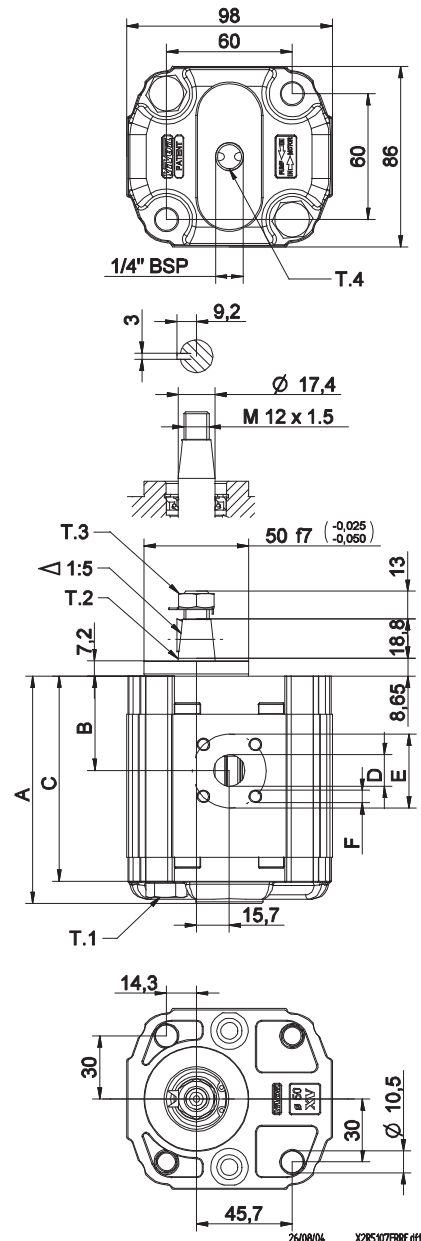
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	External drainage	Internal drainage
XV-2M/04	4,20	260	300	X 2 M 41 07 F R R E	X 2 M 41 07 F R R F
XV-2M/06	6,00	260	300	X 2 M 43 07 F R R E	X 2 M 43 07 F R R F
XV-2M/09	8,40	260	300	X 2 M 45 07 F R R E	X 2 M 45 07 F R R F
XV-2M/11	10,80	260	300	X 2 M 47 07 F R R E	X 2 M 47 07 F R R F
XV-2M/14	14,40	250	290	X 2 M 49 07 F R R E	X 2 M 49 07 F R R F
XV-2M/17	16,80	230	270	X 2 M 51 07 F R R E	X 2 M 51 07 F R R F
XV-2M/19	19,20	210	250	X 2 M 53 07 F R R E	X 2 M 53 07 F R R F
XV-2M/22	22,80	200	240	X 2 M 55 07 F R R E	X 2 M 55 07 F R R F
XV-2M/26	26,20	170	210	X 2 M 57 07 F S S E	X 2 M 57 07 F S S F
XV-2M/30	30,00	160	200	X 2 M 59 07 F S S E	X 2 M 59 07 F S S F
XV-2M/34	34,20	150	190	X 2 M 61 07 F S S E	X 2 M 61 07 F S S F
XV-2M/40	39,60	140	180	X 2 M 63 07 F S S E	X 2 M 63 07 F S S F

P1) Max. working pressure - P3) Max. peak pressure

For heavy-duty applications, it is recommended to check the admissible torque of the shaft

Dimensions table

TYPE	Weight kg	A	B	C	D	E	F	D	E	F
		mm	mm	mm	IN			OUT		
XV-2M/04	2,100	87,2	38,6	77,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/06	2,200	90,2	38,6	80,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/09	2,300	94,2	40,6	84,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/11	2,400	98,2	45,0	88,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/14	2,600	104,2	45,0	94,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/17	2,700	108,2	45,0	98,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/19	2,800	112,2	45,0	102,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/22	2,950	118,2	52,5	108,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/26	3,050	122,2	52,5	112,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/30	3,300	130,2	60,7	120,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/34	3,500	137,2	60,7	127,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/40	3,700	146,2	60,7	136,2	ø20	40	M6x1	ø20	40	M6x1



T.1 = 54+58.9 [Nm] - screw tightening torque M10

T.3 = 40 [Nm] - torque wrench setting 19


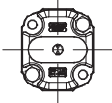
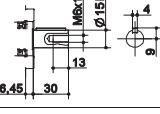
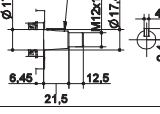
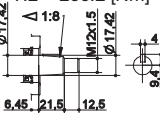
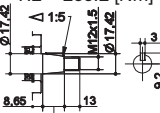
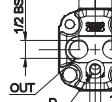
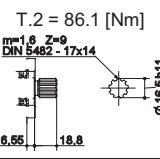
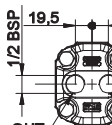
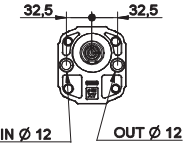
T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

T.4 = 0.3+0.5 bar - max. drainage pressure

Table of variations

XV-2M

ø50 "BH" Body-Shaped FLANGE

ø50 "BH" Body-Shaped FLANGE		Shaft		Cover			
	07	CI001 - Parallel T.2 = 44.1 [Nm]	A	CI002 - Parallel T.2 = 67.5 [Nm]	B	 External drainage	E
				CO001 - Tapered T.2 = 233.2 [Nm]	E		
		SCF03 - Splined T.2 = 86.1 [Nm]	H		 IN + OUT + external		K
	10				 IN + OUT + internal		L
							

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

Standard bodies				
Displacement cm ³ /rev	Standard threads			
	04	O - O	R - R	B - B
06	O - O	R - R	B - B	Z - Z
09	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

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)													
	A		B		C		D		E		F		G
	H		I		L		M		N			O	P
	Q		R		S		T		U			V	Z

reversible motor - series XV

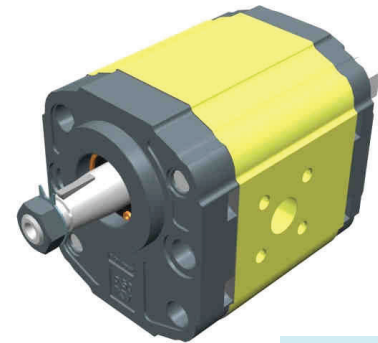
XV-2M

HY TYPE MOTOR

ø50 BODY-SHAPED FLANGE - TAPER SHAFT

X 2 M 51 13 F R R E

Series	X	series XV
Group	2	group 2
Category	M	reversible motor
Displacement	51	17
Flange	13	Ø50 HY GERMAN STANDARDIZED reversible rotation
Shaft	F	CO002 - Tapered 1:5 - ø17.4 - M12x1.5 - key thk.3
Body	IN	inlet - Ø35 a 45° Ø15 M6
	OUT	outlet - Ø35 a 45° Ø15 M6
Cover	E	with external drainage



XM213

Technical data table

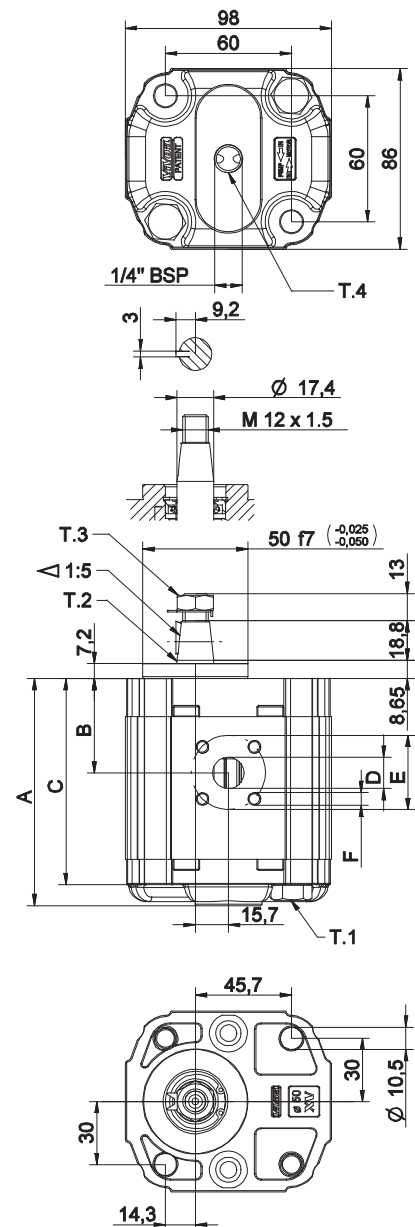
TYPE	Displacement cm3/rev	Max. Pressure		CODE																	
		P1 bar	P3 bar	External drainage				Internal drainage													
XV-2M/04	4,20	260	300	X	2	M	41	13	F	R	R	E	X	2	M	41	13	F	R	R	F
XV-2M/06	6,00	260	300	X	2	M	43	13	F	R	R	E	X	2	M	43	13	F	R	R	F
XV-2M/09	8,40	260	300	X	2	M	45	13	F	R	R	E	X	2	M	45	13	F	R	R	F
XV-2M/11	10,80	260	300	X	2	M	47	13	F	R	R	E	X	2	M	47	13	F	R	R	F
XV-2M/14	14,40	250	290	X	2	M	49	13	F	R	R	E	X	2	M	49	13	F	R	R	F
XV-2M/17	16,80	230	270	X	2	M	51	13	F	R	R	E	X	2	M	51	13	F	R	R	F
XV-2M/19	19,20	210	250	X	2	M	53	13	F	R	R	E	X	2	M	53	13	F	R	R	F
XV-2M/22	22,80	200	240	X	2	M	55	13	F	R	R	E	X	2	M	55	13	F	R	R	F
XV-2M/26	26,20	170	210	X	2	M	57	13	F	S	S	E	X	2	M	57	13	F	S	S	F
XV-2M/30	30,00	160	200	X	2	M	59	13	F	S	S	E	X	2	M	59	13	F	S	S	F
XV-2M/34	34,20	150	190	X	2	M	61	13	F	S	S	E	X	2	M	61	13	F	S	S	F
XV-2M/40	39,60	140	180	X	2	M	63	13	F	S	S	E	X	2	M	63	13	F	S	S	F

P1) Max. working pressure - P3) Max. peak pressure

For heavy-duty applications, it is recommended to check the admissible torque of the shaft

Dimensions table

TYPE	Weight kg	A	B	C	D	E	F	D	E	F
		mm	mm	mm	IN			OUT		
XV-2M/04	2,100	87,2	38,6	77,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/06	2,200	90,2	38,6	80,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/09	2,300	94,2	40,6	84,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/11	2,400	98,2	45,0	88,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/14	2,600	104,2	45,0	94,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/17	2,700	108,2	45,0	98,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/19	2,800	112,2	45,0	102,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/22	2,950	118,2	52,5	108,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/26	3,050	122,2	52,5	112,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/30	3,300	130,2	60,7	120,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/34	3,500	137,2	60,7	127,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/40	3,700	146,2	60,7	136,2	ø20	40	M6x1	ø20	40	M6x1



T.1 = 54+58.9 [Nm] - screw tightening torque M10

T.3 = 40 [Nm] - torque wrench setting 19

T.2 = 233.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

T.4 = 0.3±0.5 bar - max. drainage pressure

Table of variations

XV-2M

ø50 "HY" Body-Shaped FLANGE

ø50 "HY" Body-Shaped FLANGE		Shaft		Cover			
	13	CI001 - Parallel T.2 = 44.1 [Nm]	A	CI002 - Parallel T.2 = 67.5 [Nm]	B	 External drainage	E
	16	CO001 - Tapered T.2 = 233.2 [Nm]	E	CO002 - Tapered T.2 = 233.2 [Nm]	F	 Internal drainage	F
		SCF03 - Splined T.2 = 86.1 [Nm]	H			 IN + OUT + external	K
						 IN + OUT + internal	L

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

Standard bodies					
Displacementcm3/rev	Standard threads				
	04	O - O	R - R	B - B	Z - Z
06	O - O	R - R	B - B	Z - Z	
09	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	

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)													
	A		B		C		D		E		F		G
	H		I		L		M		N		O		P
	Q		R		S		T		U		V	Gehäuse Geschlossen Z	

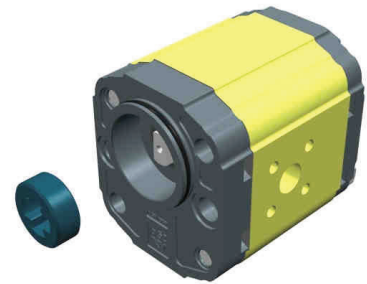
reversible motor - series XV

XV-2M

STANDARD GERMAN "BH" TYPE MOTOR
 ø52 BODY-SHAPED FLANGE - MILLED SHANK

X 2 M 51 19 C R R E

Series	X	series XV
Group	2	group 2
Category	M	reversible motor
Displacement	51	17
Flange	19	Ø52 GERMAN STANDARDIZED reversible rotation (with OR)
Shaft	C	CF001 - Milled shank ø15 - thk.8 ("BH" Standard German)
Body	IN	inlet - Ø35 a 45° Ø15 M6
	OUT	outlet - Ø35 a 45° Ø15 M6
Cover	E	with external drainage



XM216

Technical data table

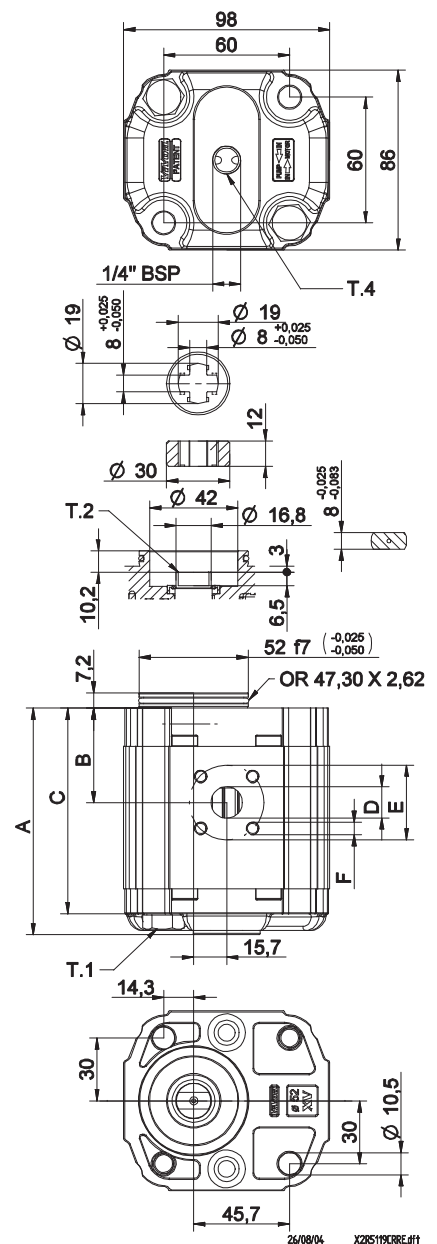
TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	External drainage	Internal drainage
XV-2M/04	4,20	260	300	X 2 M 41 19 C R R E	X 2 M 41 19 C R R F
XV-2M/06	6,00	260	300	X 2 M 43 19 C R R E	X 2 M 43 19 C R R F
XV-2M/09	8,40	260	300	X 2 M 45 19 C R R E	X 2 M 45 19 C R R F
XV-2M/11	10,80	260	300	X 2 M 47 19 C R R E	X 2 M 47 19 C R R F
XV-2M/14	14,40	250	290	X 2 M 49 19 C R R E	X 2 M 49 19 C R R F
XV-2M/17	16,80	230	270	X 2 M 51 19 C R R E	X 2 M 51 19 C R R F
XV-2M/19	19,20	210	250	X 2 M 53 19 C R R E	X 2 M 53 19 C R R F
XV-2M/22	22,80	200	240	X 2 M 55 19 C R R E	X 2 M 55 19 C R R F
XV-2M/26	26,20	170	210	X 2 M 57 19 C S S E	X 2 M 57 19 C S S F
XV-2M/30	30,00	160	200	X 2 M 59 19 C S S E	X 2 M 59 19 C S S F
XV-2M/34	34,20	150	190	X 2 M 61 19 C S S E	X 2 M 61 19 C S S F
XV-2M/40	39,60	140	180	X 2 M 63 19 C S S E	X 2 M 63 19 C S S F

P1) Max. working pressure - P3) Max. peak pressure

For heavy-duty applications, it is recommended to check the admissible torque of the shaft

Dimensions table

TYPE	Weight kg	A	B	C	D	E	F	D	E	F
		mm	mm	mm	IN			OUT		
XV-2M/04	2,100	87,2	38,6	77,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/06	2,200	90,2	38,6	80,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/09	2,300	94,2	40,6	84,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/11	2,400	98,2	45,0	88,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/14	2,600	104,2	45,0	94,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/17	2,700	108,2	45,0	98,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/19	2,800	112,2	45,0	102,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/22	2,950	118,2	52,5	108,2	ø15	35	M6x1	ø15	35	M6x1
XV-2M/26	3,050	122,2	52,5	112,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/30	3,300	130,2	60,7	120,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/34	3,500	137,2	60,7	127,2	ø20	40	M6x1	ø20	40	M6x1
XV-2M/40	3,700	146,2	60,7	136,2	ø20	40	M6x1	ø20	40	M6x1



T.1 = 54+58.9 [Nm] - screw tightening torque M10


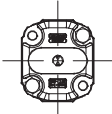
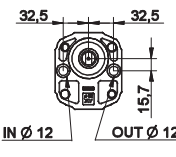
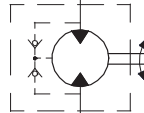
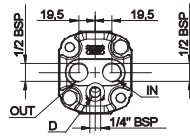
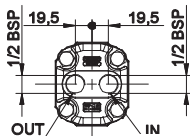
T.2 = 60.5 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

T.4 = 0.3±0.5 bar - max. drainage pressure

Table of variations

XV-2M

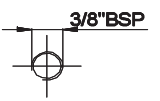
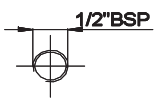
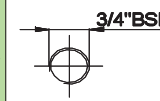
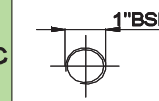
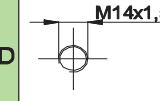
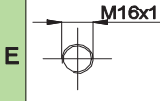
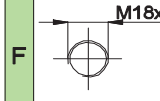
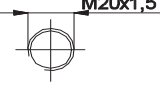
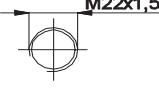
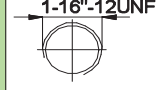
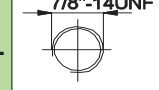
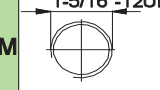
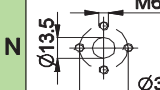

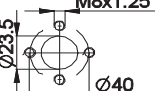
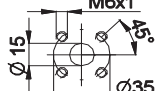
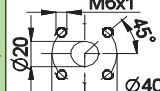
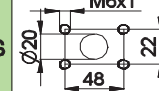
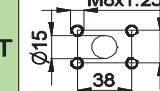
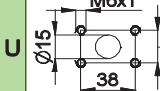
Standard German ø52 "BH" FLANGE

Standard German ø52 "BH" FLANGE		Shaft		Cover			
	19	CF001 - Milled shank T.2 = 60.5 [Nm]	C	SCF05 - Splined T.2 = 86.2 [Nm]	K	 External drainage	E
		22	SCF01 - Splined T.2 = 86.2 [Nm]	L	 Internal drainage		 IN + OUT + external
				 IN + OUT + internal			L

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

Standard bodies					
Displacement cm ³ /rev	Standard threads				
	04	O - O	R - R	B - B	Z - Z
06	O - O	R - R	B - B	Z - Z	
09	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	

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)													
	A		B		C		D		E		F		G
	H		I		L		M		N		O		P
	Q		R		S		T		U		V	Gehäuse Geschlossen	Z