

ZUBOVÉ HYDROMOTORY

ŘADY XV-0U / XV-0M

XU001 / XM001



XU012 / XM012



XU017 / XM017



Jednosměrné hydromotory XV-0U

XV-0U



XU001

STANDARD MOTOR

ø22 FLANGE - PARALLEL SHAFT



XU012

BH TYPE MOTOR

ø22 BODY-SHAPED FLANGE - MILLED SHANK



XU017

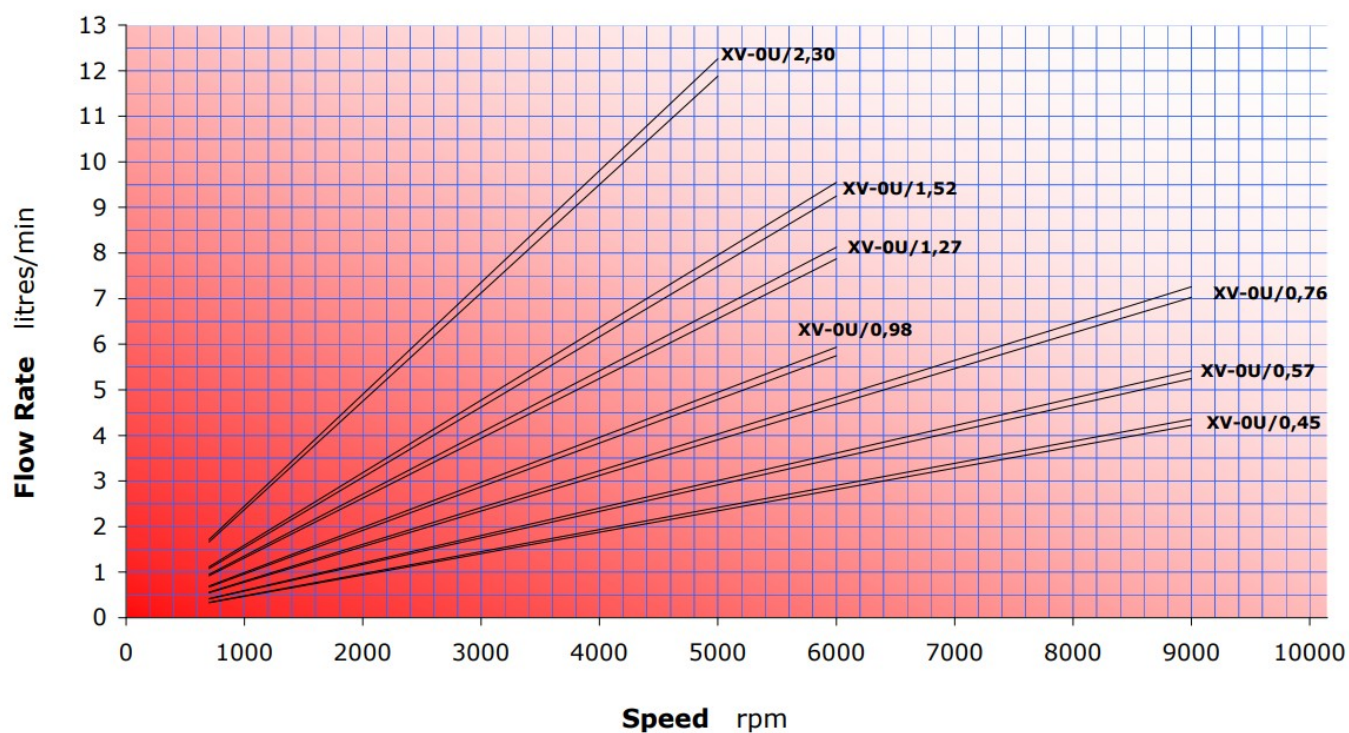
HY TYPE MOTOR

ø22 BODY-SHAPED FLANGE - MILLED SHANK

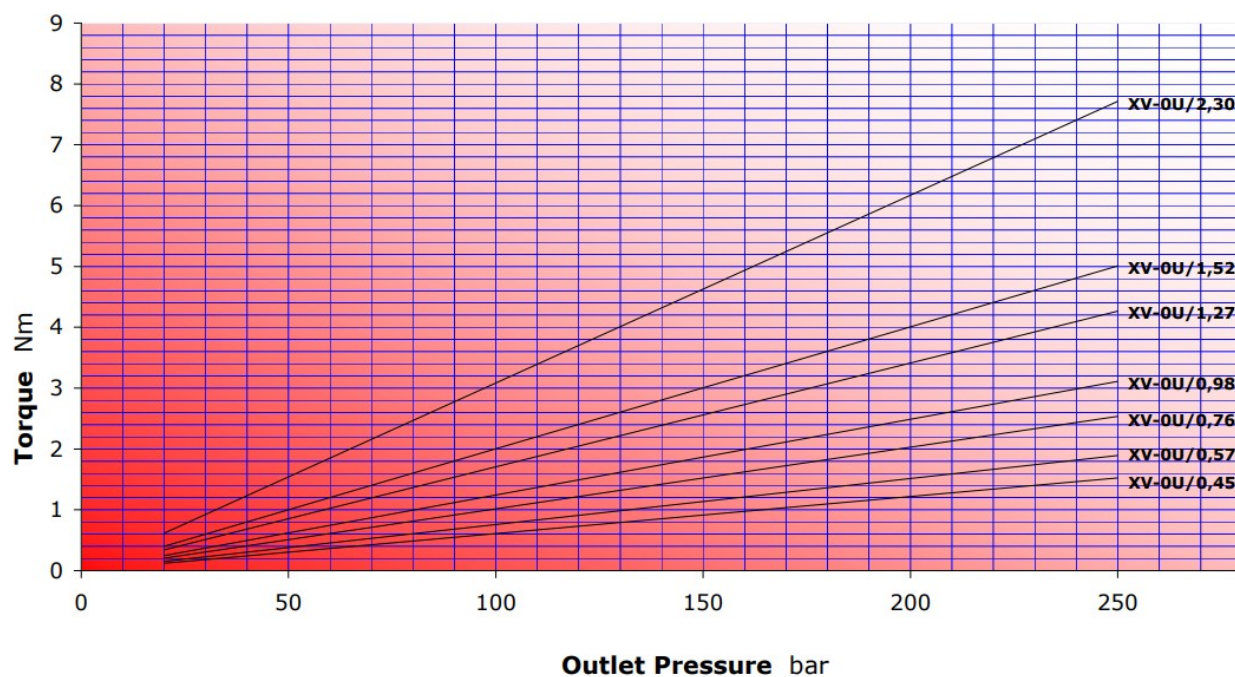
Summary: Displacements - Torque - Power - Pressures - Speeds

	TYPE	Displacement	Torque	Power	Max Inlet Pressure	Max Outlet Pressure	Min Starting Pressure	Min Speed	Max Speed
			1000 rev/min	100 bar					
XV-0U	XV-0U/0.45	0.45 cm ³ /rev	0,61 Nm	0,06 KW	280 bar	1 bar	25 bar	700 rev/min	9000 rev/min
	XV-0U/0.57	0.56 cm ³ /rev	0,76 Nm	0,08 KW	280 bar	1 bar	25 bar	700 rev/min	9000 rev/min
	XV-0U/0.76	0.75 cm ³ /rev	1,01 Nm	0,11 KW	280 bar	1 bar	25 bar	700 rev/min	9000 rev/min
	XV-0U/0.98	0.92 cm ³ /rev	1,24 Nm	0,13 KW	280 bar	1 bar	20 bar	700 rev/min	6000 rev/min
	XV-0U/1.27	1.26 cm ³ /rev	1,70 Nm	0,18 KW	280 bar	1 bar	15 bar	700 rev/min	6000 rev/min
	XV-0U/1.52	1.48 cm ³ /rev	2,00 Nm	0,21 KW	280 bar	1 bar	10 bar	700 rev/min	6000 rev/min
	XV-0U/2.30	2.28 cm ³ /rev	3,08 Nm	0,32 KW	210 bar	1 bar	10 bar	700 rev/min	5000 rev/min

XV-0U CHARACTERISTIC FLOW RATE CURVES



XV-0U MOTOR TORQUE



Reverzační hydromotory XV-0M

XV-0M



XM001

STANDARD MOTOR

ø22 FLANGE - PARALLEL SHAFT

18



XM012

BH TYPE MOTOR

ø22 BODY-SHAPED FLANGE - MILLED SHANK

20



XM017

HY TYPE MOTOR

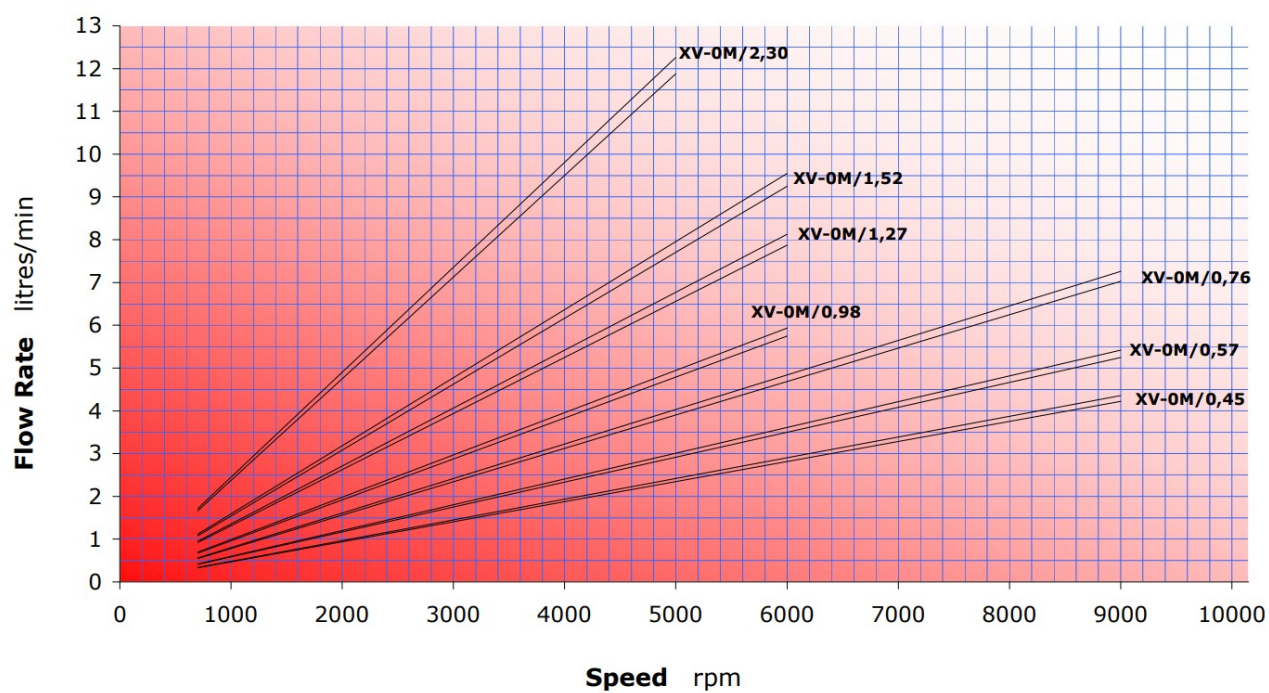
ø22 BODY-SHAPED FLANGE - MILLED SHANK

22

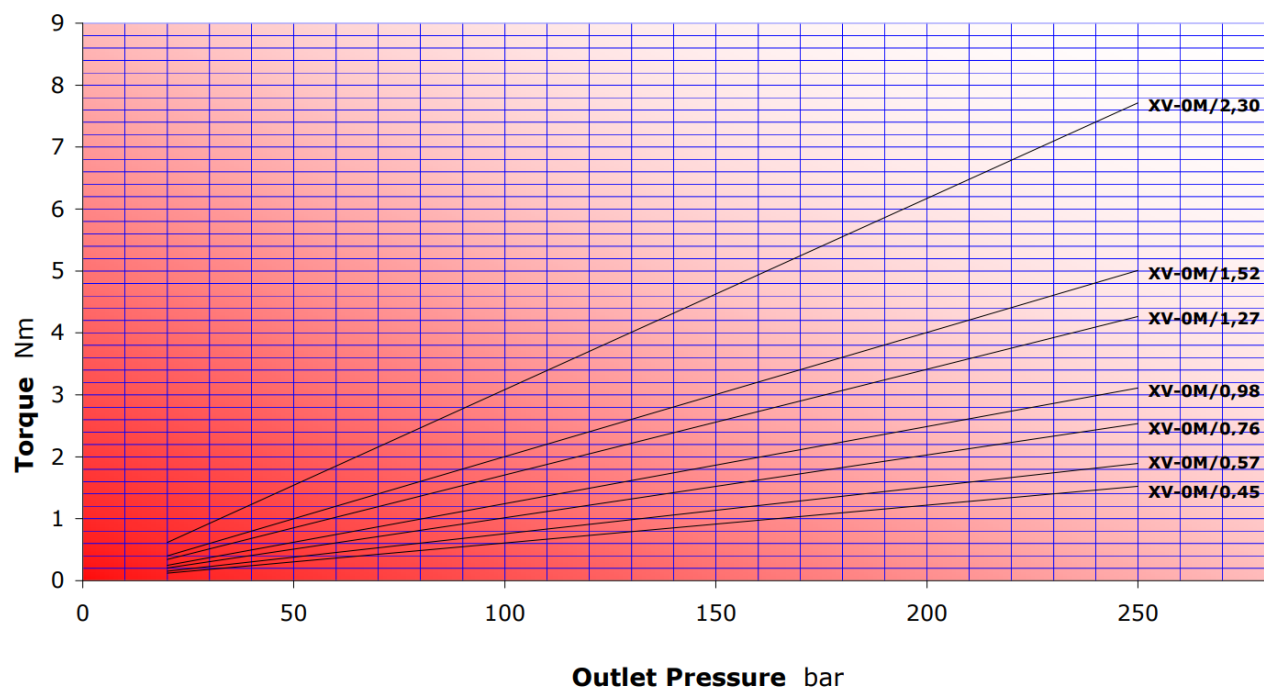
Summary: Displacements - Torque - Power - Pressures - Speeds

Summary Displacements Torque Power Pressure Speed									
	TYPE	Displacement	Torque	Power	Max Inlet Pressure	Max Drain Pressure	Min Starting Pressure	Min Speed	Max Speed
			1000 rev/min 100 bar						
XV-0M	XV-0M/0.45	0.45 cm³/rev	0,61 Nm	0,06 KW	280 bar	1 bar	25 bar	700 rev/min	9000 rev/min
	XV-0M/0.57	0.56 cm³/rev	0,76 Nm	0,08 KW	280 bar	1 bar	25 bar	700 rev/min	9000 rev/min
	XV-0M/0.76	0.75 cm3/rev	1,01 Nm	0,11 KW	280 bar	1 bar	25 bar	700 rev/min	9000 rev/min
	XV-0M/0.98	0.92 cm³/rev	1,24 Nm	0,13 KW	280 bar	1 bar	20 bar	700 rev/min	6000 rev/min
	XV-0M/1.27	1.26 cm³/rev	1,70 Nm	0,18 KW	280 bar	1 bar	15 bar	700 rev/min	6000 rev/min
	XV-0M/1.52	1.48 cm³/rev	2,00 Nm	0,21 KW	280 bar	1 bar	10 bar	700 rev/min	6000 rev/min
	XV-0M/2.30	2.28 cm³/rev	3,08 Nm	0,32 KW	210 bar	1 bar	10 bar	700 rev/min	5000 rev/min

XV-0M CHARACTERISTIC FLOW RATE CURVES



XV-0M MOTOR TORQUE



This page is intentionally left blank.

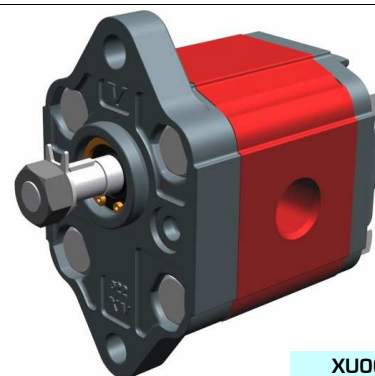
unidirectional motor - series XV

STANDARD MOTOR
ø22 FLANGE - PARALLEL SHAFT

XV-OU

X	0	U	06	02	A	B	B	A
---	---	---	----	----	---	---	---	---

Series	X	series XV
Group	0	group 0
Category	U	unidirectional motor
Displacement	06	0.76
Flange	02	Ø22 right rotation
Shaft	A	CI001 - Parallel ø7 - M7x1 - key thk. 2
Body	IN	B inlet - 1/4" GAS
	OUT	B outlet - 1/4" GAS
Cover	A	standard



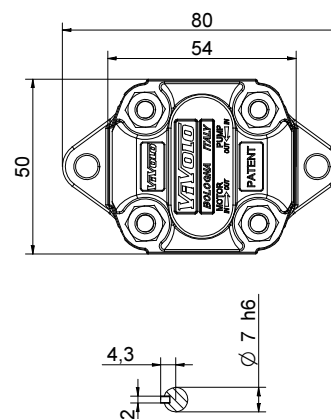
XU001

Technical data table

TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-0U/0.45	0,45	220	280	X 0 U 04 01 A B B A	X 0 U 04 02 A B B A
XV-0U/0.57	0,56	220	280	X 0 U 05 01 A B B A	X 0 U 05 02 A B B A
XV-0U/0.76	0,75	200	260	X 0 U 06 01 A B B A	X 0 U 06 02 A B B A
XV-0U/0.98	0,92	200	260	X 0 U 07 01 A B B A	X 0 U 07 02 A B B A
XV-0U/1.27	1,26	200	260	X 0 U 09 01 A B B A	X 0 U 09 02 A B B A
XV-0U/1.52	1,48	200	260	X 0 U 11 01 A B B A	X 0 U 11 02 A B B A
XV-0U/2.30	2,28	160	190	X 0 U 13 01 A B B A	X 0 U 13 02 A B B A

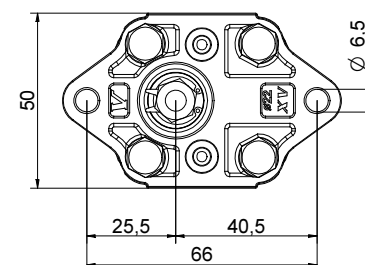
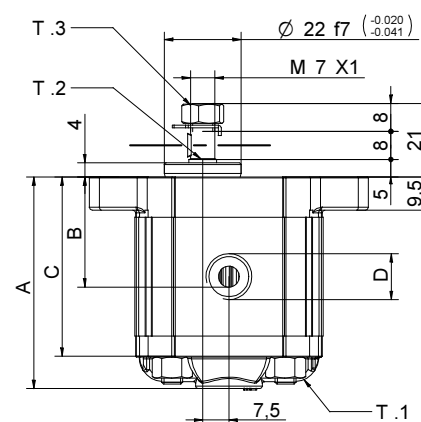
P1) Max. working pressure - P3) Max. peak pressure

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



Dimensions table

TYPE	Weight kg	A	B	C	D	D
		mm	mm	mm	IN	OUT
XV-0U/0.45	0,420	58,0	27,3	49,0	1/4" BSPP	1/4" BSPP
XV-0U/0.57	0,430	59,0	27,8	50,0	1/4" BSPP	1/4" BSPP
XV-0U/0.76	0,440	60,5	28,5	51,5	1/4" BSPP	1/4" BSPP
XV-0U/0.98	0,460	62,0	29,3	53,0	1/4" BSPP	1/4" BSPP
XV-0U/1.27	0,480	64,5	30,5	55,5	1/4" BSPP	1/4" BSPP
XV-0U/1.52	0,500	66,5	31,5	57,5	1/4" BSPP	1/4" BSPP
XV-0U/2.30	0,560	72,5	34,5	63,5	1/4" BSPP	1/4" BSPP



07/12/04 XOP0602ABBA.dft

T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6

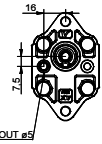
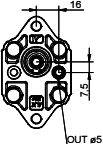
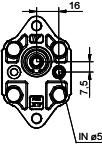
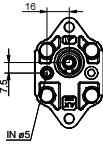
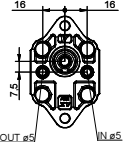
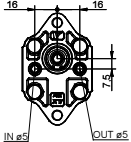
T.3 = 11.5 [Nm] - torque wrench setting 11

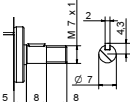
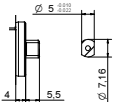
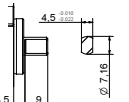
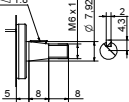
T.2 = 2.1 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

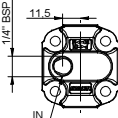
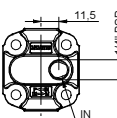
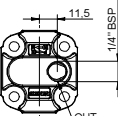
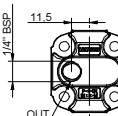
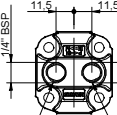
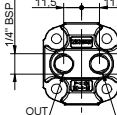
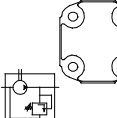
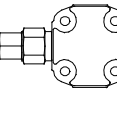
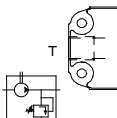
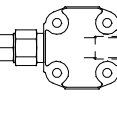
Table of variations

XV-OU

Standard ø22 FLANGE

Standard ø22 FLANGE			
Left rotation		Right rotation	
	01		02
	03		04
	05		06
	07		08

Shaft			
A		B	
CI001 - Parallel T.2 = 2.1 [Nm] 		CF001 - Milled shank T.2 = 9.2 [Nm] 	
F		E	
CF005 - Milled shank T.2 = 8.4 [Nm] 		CO001 - Tapered T.2 = 21.9 [Nm] 	

Cover	
Left rotation	Right rotation
	
	
	
	
	
	

Displacement	
TYPE	CODE
XV-OU/0.45	04
XV-OU/0.57	05
XV-OU/0.76	06
XV-OU/0.98	07
XV-OU/1.27	09
XV-OU/1.52	11
XV-OU/2.30	13

Standard bodies				
Displacement cm3/rev	Standard threads			
0.17	B - B	Z - B	Z - Z	
0.25	B - B	Z - B	Z - Z	
0.45	B - B	Z - B	Z - Z	
0.57	B - B	Z - B	Z - Z	
0.76	B - B	Z - B	Z - Z	
0.98	B - B	Z - B	Z - Z	
1.27	B - B	Z - B	Z - Z	
1.52	B - B	Z - B	Z - Z	
2.30	B - B	Z - B	Z - Z	

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)									
	A		B		C		D		E
	F		G		H		I		Z

unidirectional motor - series XV

XV-OU

BH TYPE MOTOR

Ø22 BODY-SHAPED FLANGE - MILLED SHANK

X	0	U	06	12	B	B	B	A
----------	----------	----------	-----------	-----------	----------	----------	----------	----------

Series	X	series XV
Group	0	group 0
Category	U	unidirectional motor
Displacement	06	0.76
Flange	12	Ø22 BH right rotation
Shaft	B	CF001 - Milled shank ø7 - thk.5
Body	IN	B inlet - 1/4" GAS
	OUT	B outlet - 1/4" GAS
Cover	A	standard



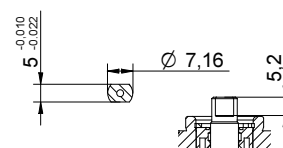
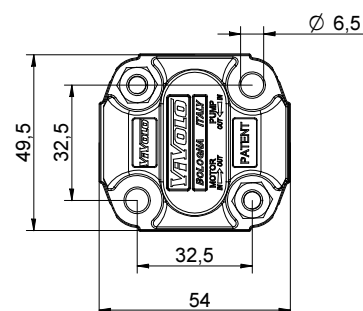
XU012

Technical data table

TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-0U/0.45	0,45	220	280	X 0 U 04 11 B B B A	X 0 U 04 12 B B B A
XV-0U/0.57	0,56	220	280	X 0 U 05 11 B B B A	X 0 U 05 12 B B B A
XV-0U/0.76	0,75	200	260	X 0 U 06 11 B B B A	X 0 U 06 12 B B B A
XV-0U/0.98	0,92	200	260	X 0 U 07 11 B B B A	X 0 U 07 12 B B B A
XV-0U/1.27	1,26	200	260	X 0 U 09 11 B B B A	X 0 U 09 12 B B B A
XV-0U/1.52	1,48	200	260	X 0 U 11 11 B B B A	X 0 U 11 12 B B B A
XV-0U/2.30	2,28	160	190	X 0 U 13 11 B B B A	X 0 U 13 12 B B B A

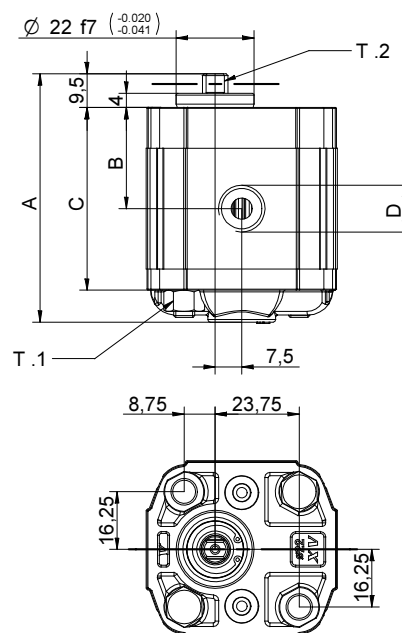
P1) Max. working pressure - P3) Max. peak pressure

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



Dimensions table

TYPE	Weight kg	A	B	C	D	D
		mm	mm	mm	IN	OUT
XV-0U/0.45	0,420	58,0	27,3	49,0	1/4" BSPP	1/4" BSPP
XV-0U/0.57	0,430	59,0	27,8	50,0	1/4" BSPP	1/4" BSPP
XV-0U/0.76	0,440	60,5	28,5	51,5	1/4" BSPP	1/4" BSPP
XV-0U/0.98	0,460	62,0	29,3	53,0	1/4" BSPP	1/4" BSPP
XV-0U/1.27	0,480	64,5	30,5	55,5	1/4" BSPP	1/4" BSPP
XV-0U/1.52	0,500	66,5	31,5	57,5	1/4" BSPP	1/4" BSPP
XV-0U/2.30	0,560	72,5	34,5	63,5	1/4" BSPP	1/4" BSPP



T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6

T.2 = 9.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

07/12/04 XOP0612888A.dft

Table of variations

XV-OU

ø22 "BH" Body-Shaped FLANGE

ø22 "BH" Body-Shaped FLANGE			
Left rotation		Right rotation	
	11		12
	13		14
	15		16
	17		18

Shaft				
CI001 - Parallel T.2 = 2.1 [Nm]		A	CF001 - Milled shank T.2 = 9.2 [Nm]	B
CF005 - Milled shank T.2 = 8.4 [Nm]		F	CO001 - Tapered T.2 = 21.9 [Nm]	E

Cover		
Left rotation	Right rotation	
		A
		B
		C
		D
		N
		O

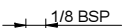
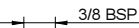
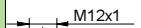
Displacement	
TYPE	CODE
XV-0U/0.45	04
XV-0U/0.57	05
XV-0U/0.76	06
XV-0U/0.98	07
XV-0U/1.27	09
XV-0U/1.52	11
XV-0U/2.30	13

Standard bodies			
Displacement cm3/rev	Standard threads		
0.17	B - B	Z - B	Z - Z
0.25	B - B	Z - B	Z - Z
0.45	B - B	Z - B	Z - Z
0.57	B - B	Z - B	Z - Z
0.76	B - B	Z - B	Z - Z
0.98	B - B	Z - B	Z - Z
1.27	B - B	Z - B	Z - Z
1.52	B - B	Z - B	Z - Z
2.30	B - B	Z - B	Z - Z

Displacement	
TYPE	CODE
XV-OU/0.45	04
XV-OU/0.57	05
XV-OU/0.76	06
XV-OU/0.98	07
XV-OU/1.27	09
XV-OU/1.52	11
XV-OU/2.30	13

Standard bodies				
Displacement cm3/rev	Standard threads			
0.17	B - B	Z - B	Z - Z	
0.25	B - B	Z - B	Z - Z	
0.45	B - B	Z - B	Z - Z	
0.57	B - B	Z - B	Z - Z	
0.76	B - B	Z - B	Z - Z	
0.98	B - B	Z - B	Z - Z	
1.27	B - B	Z - B	Z - Z	
1.52	B - B	Z - B	Z - Z	
2.30	B - B	Z - B	Z - Z	

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)													
	A		B		C		D		E		F		G
	H		I	Closed Body		Z							

unidirectional motor - series XV

XV-OU

HY TYPE MOTOR

Ø22 BODY-SHAPED FLANGE - MILLED SHANK

X	0	U	06	22	B	B	B	A
----------	----------	----------	-----------	-----------	----------	----------	----------	----------

Series	X	series XV
Group	0	group 0
Category	U	unidirectional motor
Displacement	06	0.76
Flange	22	Ø22 HY right rotation
Shaft	B	CF001 - Milled shank ø7 - thk.5
Body	IN	B inlet - 1/4" GAS
	OUT	B outlet - 1/4" GAS
Cover	A	standard



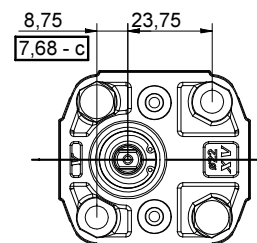
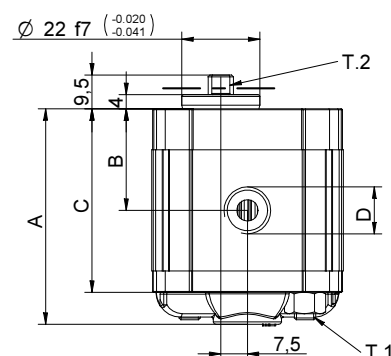
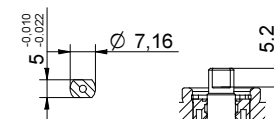
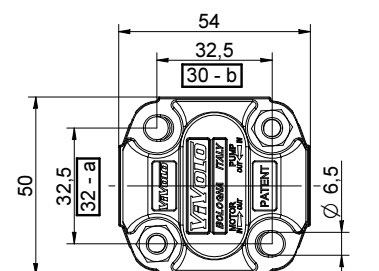
XU017

Technical data table

TYPE	Displacement cm3/rev	Max. Pressure		CODE	
		P1 bar	P3 bar	Left rotation	Right rotation
XV-0U/0.45	0,45	220	280	X 0 U 04 21 B B B A	X 0 U 04 22 B B B A
XV-0U/0.57	0,56	220	280	X 0 U 05 21 B B B A	X 0 U 05 22 B B B A
XV-0U/0.76	0,75	200	260	X 0 U 06 21 B B B A	X 0 U 06 22 B B B A
XV-0U/0.98	0,92	200	260	X 0 U 07 21 B B B A	X 0 U 07 22 B B B A
XV-0U/1.27	1,26	200	260	X 0 U 09 21 B B B A	X 0 U 09 22 B B B A
XV-0U/1.52	1,48	200	260	X 0 U 11 21 B B B A	X 0 U 11 22 B B B A
XV-0U/2.30	2,28	160	190	X 0 U 13 21 B B B A	X 0 U 13 22 B B B A

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

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



07/12/04 X0P0622888A.dft

Dimensions table						
TYPE	Weight	A	B	C	D	D
	kg	mm	mm	mm	IN	OUT
XV-0U/0.45	0,420	58,0	27,3	49,0	1/4" BSPP	1/4" BSPP
XV-0U/0.57	0,430	59,0	27,8	50,0	1/4" BSPP	1/4" BSPP
XV-0U/0.76	0,440	60,5	28,5	51,5	1/4" BSPP	1/4" BSPP
XV-0U/0.98	0,460	62,0	29,3	53,0	1/4" BSPP	1/4" BSPP
XV-0U/1.27	0,480	64,5	30,5	55,5	1/4" BSPP	1/4" BSPP
XV-0U/1.52	0,500	66,5	31,5	57,5	1/4" BSPP	1/4" BSPP
XV-0U/2.30	0,560	72,5	34,5	63,5	1/4" BSPP	1/4" BSPP

T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6

T.2 = 9.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

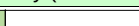
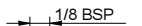
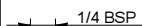
NOTE: This type of pump is also interchangeable

with distance between centres of fastening in M5 (see dim. a, b, c).

XV-OU

XV-OU

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)													
	A		B		C		D		E		F		G
	H		I	Closed Body	Z								

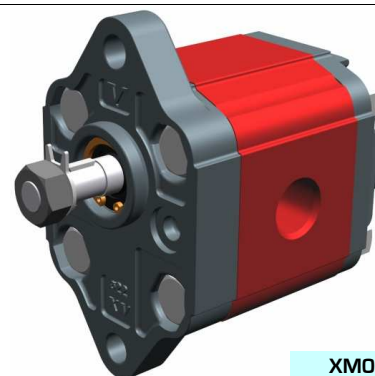
reversible motor - series XV

STANDARD MOTOR
ø22 FLANGE - PARALLEL SHAFT

XV-OM

X 0 M 06 01 A B B E

Series	X	series XV
Group	0	group 0
Category	M	reversible motor
Displacement	06	0.76
Flange	01	Ø22 reversible rotation
Shaft	A	CI001 - Parallel ø7 - M7x1 - key thk. 2
Body	IN	inlet - 1/4" GAS
	OUT	outlet - 1/4" GAS
Cover	E	reversible w/external drainage



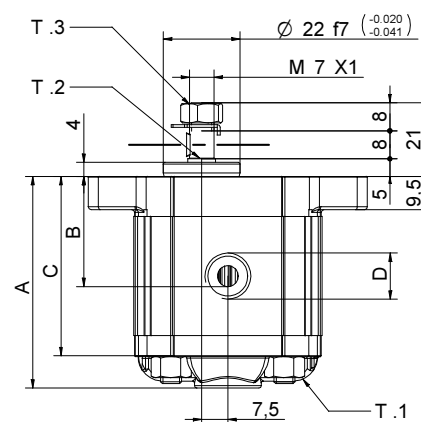
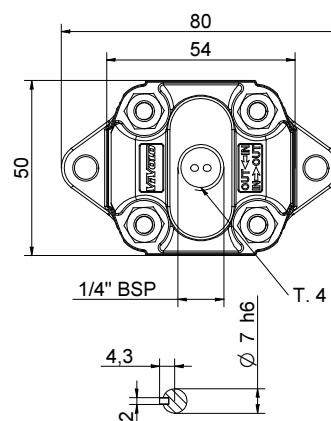
XM001

Technical data table

TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	External drainage	Internal drainage
XV-OM/0.45	0,45	220	280	X 0 M 04 01 A B B E	X 0 M 04 01 A B B F
XV-OM/0.57	0,56	220	280	X 0 M 05 01 A B B E	X 0 M 05 01 A B B F
XV-OM/0.76	0,75	220	280	X 0 M 06 01 A B B E	X 0 M 06 01 A B B F
XV-OM/0.98	0,92	220	280	X 0 M 07 01 A B B E	X 0 M 07 01 A B B F
XV-OM/1.27	1,26	220	280	X 0 M 09 01 A B B E	X 0 M 09 01 A B B F
XV-OM/1.52	1,48	220	280	X 0 M 11 01 A B B E	X 0 M 11 01 A B B F
XV-OM/2.30	2,28	190	210	X 0 M 13 01 A B B E	X 0 M 13 01 A B B F

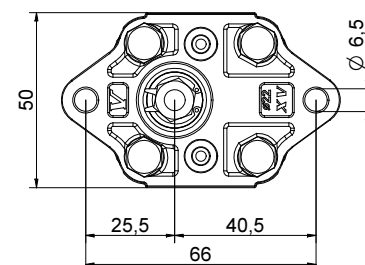
P1) Max. working pressure - P3) Max. peak pressure

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



Dimensions table

TYPE	Weight	A	B	C	D	D
	kg	mm	mm	mm	IN	OUT
XV-OM/0.45	0,420	58,0	27,3	49,0	1/4" BSPP	1/4" BSPP
XV-OM/0.57	0,430	59,0	27,8	50,0	1/4" BSPP	1/4" BSPP
XV-OM/0.76	0,440	60,5	28,5	51,5	1/4" BSPP	1/4" BSPP
XV-OM/0.98	0,460	62,0	29,3	53,0	1/4" BSPP	1/4" BSPP
XV-OM/1.27	0,480	64,5	30,5	55,5	1/4" BSPP	1/4" BSPP
XV-OM/1.52	0,500	66,5	31,5	57,5	1/4" BSPP	1/4" BSPP
XV-OM/2.30	0,560	72,5	34,5	63,5	1/4" BSPP	1/4" BSPP



25/08/04 X0R0601ABBE.dft

T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6

T.3 = 11.5 [Nm] - torque wrench setting 11

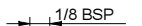
T.2 = 2.1 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

XV-OM

Displacement	
TYPE	CODE
XV-0M/0.45	04
XV-0M/0.57	05
XV-0M/0.76	06
XV-0M/0.98	07
XV-0M/1.27	09
XV-0M/1.52	11
XV-0M/2.30	13

Standard bodies		
Displacement cm ³ /rev	Standard threads	
0.17	B - B	Z - Z
0.25	B - B	Z - Z
0.45	B - B	Z - Z
0.57	B - B	Z - Z
0.76	B - B	Z - Z
0.98	B - B	Z - Z
1.27	B - B	Z - Z
1.52	B - B	Z - Z
2.30	B - B	Z - Z

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)													
	A		B		C		D		E		F		G
	H		I	Closed Body	Z								

reversible motor - series XV

BH TYPE MOTOR
ø22 BODY-SHAPED FLANGE - MILLED SHANK

XV-OM

X 0 M 06 07 B B B E

Series	X	series XV
Group	0	group 0
Category	M	reversible motor
Displacement	06	0.76
Flange	07	Ø22 BH reversible rotation
Shaft	B	CF001 - Milled shank ø7 - thk.5
Body	IN	B inlet - 1/4" GAS
	OUT	B outlet - 1/4" GAS
Cover	E	reversible w/external drainage



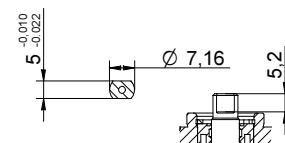
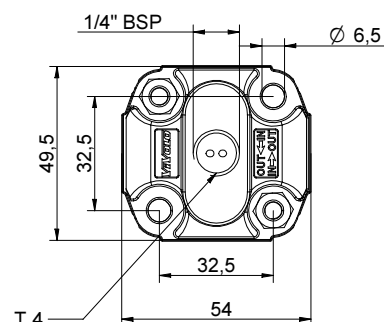
XM012

Technical data table

TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	External drainage	Internal drainage
XV-OM/0.45	0,45	220	280	X 0 M 04 07 B B B E	X 0 M 04 07 B B B F
XV-OM/0.57	0,56	220	280	X 0 M 05 07 B B B E	X 0 M 05 07 B B B F
XV-OM/0.76	0,75	220	280	X 0 M 06 07 B B B E	X 0 M 06 07 B B B F
XV-OM/0.98	0,92	220	280	X 0 M 07 07 B B B E	X 0 M 07 07 B B B F
XV-OM/1.27	1,26	220	280	X 0 M 09 07 B B B E	X 0 M 09 07 B B B F
XV-OM/1.52	1,48	220	280	X 0 M 11 07 B B B E	X 0 M 11 07 B B B F
XV-OM/2.30	2,28	190	210	X 0 M 13 07 B B B E	X 0 M 13 07 B B B F

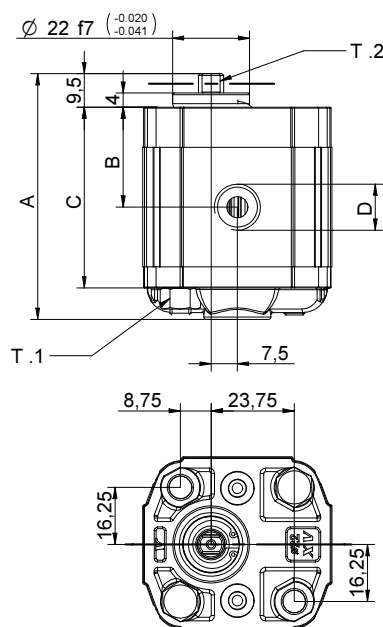
P1) Max. working pressure - P3) Max. peak pressure

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



Dimensions table

TYPE	Weight	A	B	C	D	D
	kg	mm	mm	mm	IN	OUT
XV-OM/0.45	0,420	58,0	27,3	49,0	1/4" BSPP	1/4" BSPP
XV-OM/0.57	0,430	59,0	27,8	50,0	1/4" BSPP	1/4" BSPP
XV-OM/0.76	0,440	60,5	28,5	51,5	1/4" BSPP	1/4" BSPP
XV-OM/0.98	0,460	62,0	29,3	53,0	1/4" BSPP	1/4" BSPP
XV-OM/1.27	0,480	64,5	30,5	55,5	1/4" BSPP	1/4" BSPP
XV-OM/1.52	0,500	66,5	31,5	57,5	1/4" BSPP	1/4" BSPP
XV-OM/2.30	0,560	72,5	34,5	63,5	1/4" BSPP	1/4" BSPP



T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6

T.2 = 9.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

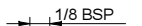
26/08/04 X0R0607888E.dft

XV-OM

Displacement	
TYPE	CODE
XV-0M/0.45	04
XV-0M/0.57	05
XV-0M/0.76	06
XV-0M/0.98	07
XV-0M/1.27	09
XV-0M/1.52	11
XV-0M/2.30	13

Standard bodies		
Displacement cm ³ /rev	Standard threads	
0.17	B - B	Z - Z
0.25	B - B	Z - Z
0.45	B - B	Z - Z
0.57	B - B	Z - Z
0.76	B - B	Z - Z
0.98	B - B	Z - Z
1.27	B - B	Z - Z
1.52	B - B	Z - Z
2.30	B - B	Z - Z

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)													
	A		B		C		D		E		F		G
	H		I	Closed Body	Z								

reversible motor - series XV

XV-OM

HY TYPE MOTOR

Ø22 BODY-SHAPED FLANGE - MILLED SHANK

X 0 M 06 21 B B B E

Series	X	series XV
Group	0	group 0
Category	M	reversible motor
Displacement	06	0.76
Flange	21	Ø22 HY reversible rotation
Shaft	B	CF001 - Milled shank ø7 - thk.5
Body	IN	B inlet - 1/4" GAS
	OUT	B outlet - 1/4" GAS
Cover	E	reversible w/external drainage



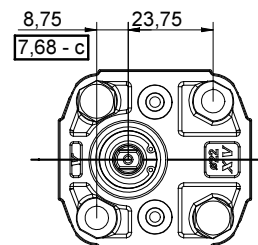
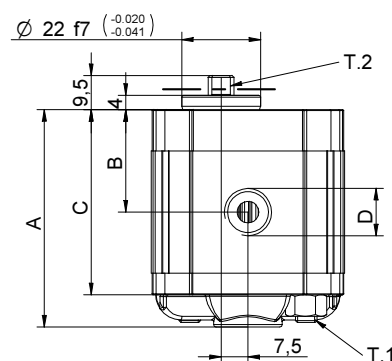
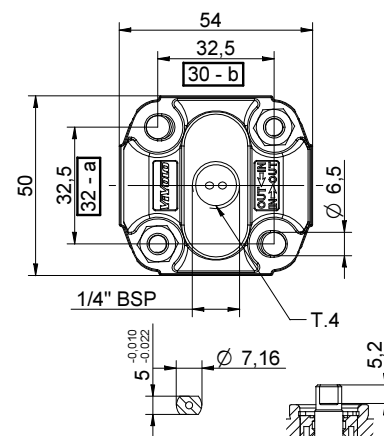
XM017

Technical data table

TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	External drainage	Internal drainage
XV-OM/0.45	0,45	220	280	X 0 M 04 21 B B B E	X 0 M 04 21 B B B F
XV-OM/0.57	0,56	220	280	X 0 M 05 21 B B B E	X 0 M 05 21 B B B F
XV-OM/0.76	0,75	220	280	X 0 M 06 21 B B B E	X 0 M 06 21 B B B F
XV-OM/0.98	0,92	220	280	X 0 M 07 21 B B B E	X 0 M 07 21 B B B F
XV-OM/1.27	1,26	220	280	X 0 M 09 21 B B B E	X 0 M 09 21 B B B F
XV-OM/1.52	1,48	220	280	X 0 M 11 21 B B B E	X 0 M 11 21 B B B F
XV-OM/2.30	2,28	190	210	X 0 M 13 21 B B B E	X 0 M 13 21 B B B F

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

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



25/08/04 XOR0621888E.dft

T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6

T.2 = 9.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

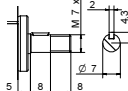
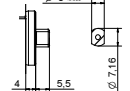
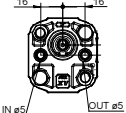
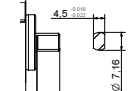
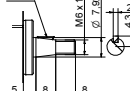
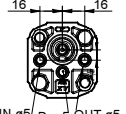
NOTE: This type of pump is also interchangeable

with distance between centres of fastening in M5 (see dim. a, b, c).

Table of variations

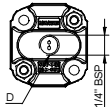
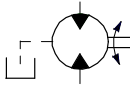
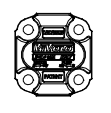
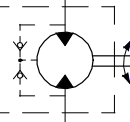
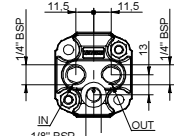
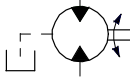
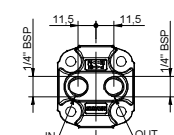
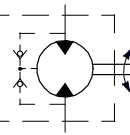
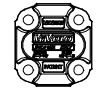
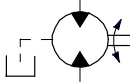
XV-OM

ø22 "HY" Body-Shaped FLANGE

ø22 "HY" Body-Shaped FLANGE		Shaft		Cover	
	21	CI001 - Parallel T.2 = 2.1 [Nm] 	A	CF001 - Milled shank T.2 = 9.2 [Nm] 	B
	24	CF005 - Milled shank T.2 = 8.4 [Nm] 	F	CO001 - Tapered T.2 = 21.9 [Nm] 	E
	25				

Displacement			
TYPE	CODE		
XV-0M/0.45	04		
XV-0M/0.57	05		
XV-0M/0.76	06		
XV-0M/0.98	07		

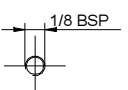
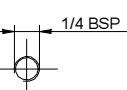
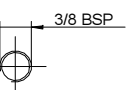
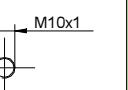
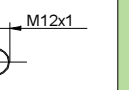
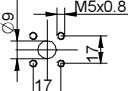
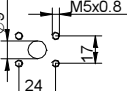
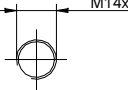
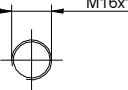
Standard bodies		
Displacement cm3/rev	Standard threads	
0.17	B - B	Z - Z
0.25	B - B	Z - Z
0.45	B - B	Z - Z
0.57	B - B	Z - Z

		E
External drainage		
		F
Internal drainage		
		K
IN + OUT + external		
		L
IN + OUT + internal		
		P
Flange drainage		

Displacement	
TYPE	CODE
XV-OM/0.45	04
XV-OM/0.57	05
XV-OM/0.76	06
XV-OM/0.98	07
XV-OM/1.27	09
XV-OM/1.52	11
XV-OM/2.30	13

Standard bodies		
Displacement cm ³ /rev	Standard threads	
0.17	B - B	Z - Z
0.25	B - B	Z - Z
0.45	B - B	Z - Z
0.57	B - B	Z - Z
0.76	B - B	Z - Z
0.98	B - B	Z - Z
1.27	B - B	Z - Z
1.52	B - B	Z - Z
2.30	B - B	Z - Z

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)									
	A		B		C		D		E
	H		I	Closed Body		Z			
									F
									G