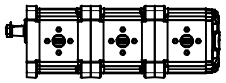
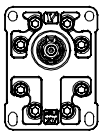
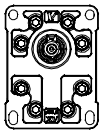
MULTIPLE PUMP XV-3
ø 50,8 FLANGE

XV-3

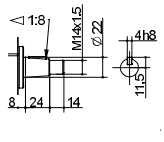
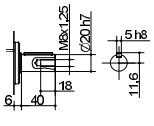
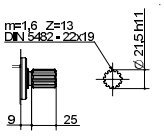
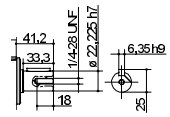
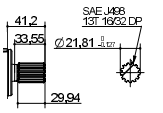
M STANDARD



FLANGE

	LEFT	RIGHT	
01			02

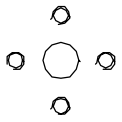
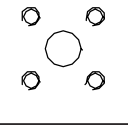
SHAFT

A	COP01 	CIP01  B
C	SCP03 	CIP04  H
I	SCP04 	

9	M	3	02	A	C	A	78	78	.....	78

NUMBER OF ELEMENTS

BODY

C	
Q	
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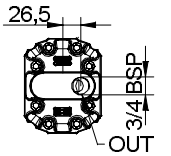
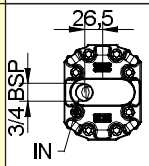
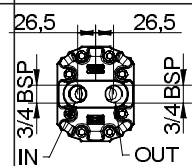
M	 METRIC
A	 UNF

COVER

A		 C
B		 D

DISPLACEMENT

66	XV-3P/ 15
68	XV-3P/ 18
70	XV-3P/ 21
72	XV-3P/ 27
74	XV-3P/ 32
78	XV-3P/ 38
79	XV-3P/ 43
80	XV-3P/ 47
81	XV-3P/ 51
82	XV-3P/ 54
83	XV-3P/ 61
85	XV-3P/ 64
86	XV-3P/ 70
87	XV-3P/ 74
89	XV-3P/ 90

DISPLACEMENT

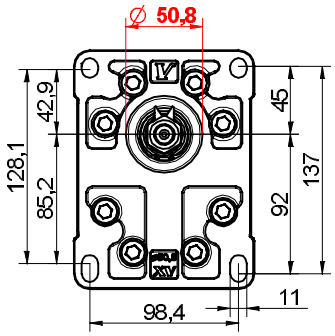
01	XV-0P/0.17
02	XV-0P/0.25
04	XV-0P/0.45
05	XV-0P/0.57
06	XV-0P/0.76
07	XV-0P/0.98
09	XV-0P/1.27
11	XV-0P/1.52
13	XV-0P/2.30
16	XV-1P/0.9
17	XV-1P/1.2
18	XV-1P/1.7
20	XV-1P/2.2
21	XV-1P/2.6
23	XV-1P/3.2
25	XV-1P/3.8
27	XV-1P/4.3
29	XV-1P/4.9
31	XV-1P/5.9
32	XV-1P/6.5
34	XV-1P/7.8
36	XV-1P/9.8
41	XV-2P/ 4
43	XV-2P/ 6
45	XV-2P/ 9
47	XV-2P/ 11
49	XV-2P/14
51	XV-2P/17
53	XV-2P/19
55	XV-2P/22
57	XV-2P/26
59	XV-2P/30
61	XV-2P/34
63	XV-2P/40

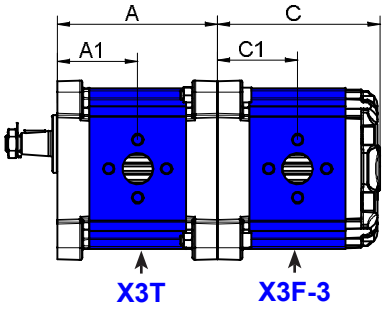
SAMT HYDRAULICS

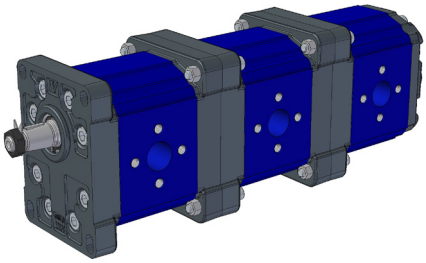
MULTIPLE PUMP XV-3

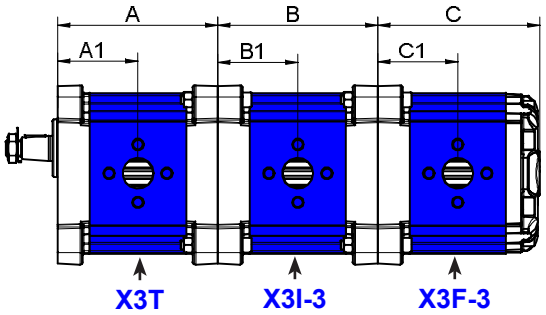
ø 50,8 FLANGE

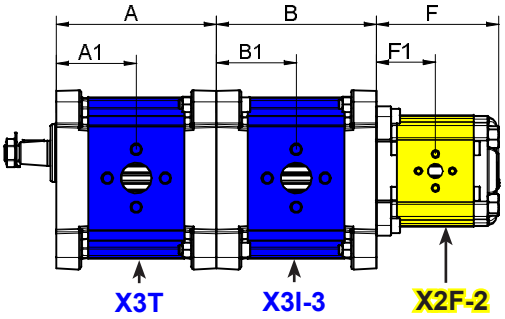
XV-3

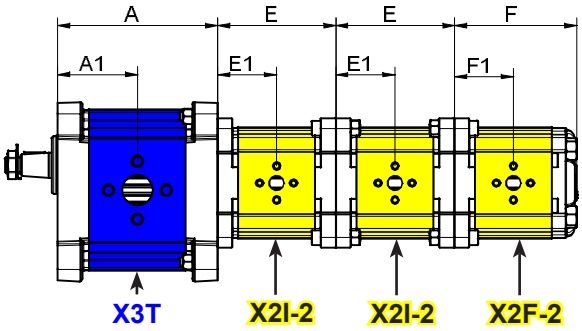












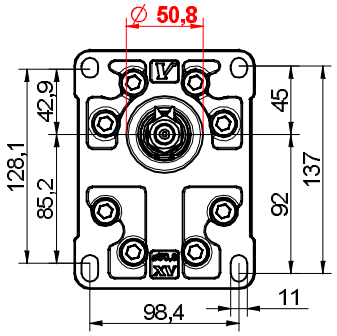
TYPE	Displacem.	A	A1	B	B1	C	C1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-3 / 15	14,89	122	61	122	61	124	61	300	320	700	3000
XV-3 / 18	17,37	124	62	124	62	126	62	300	320	700	3000
XV-3 / 21	21,10	127	63,5	127	63,5	129	63,5	280	300	700	3000
XV-3 / 27	26,97	131	65,5	131	65,5	133	65,5	250	270	700	3000
XV-3 / 32	32,27	136	68	136	68	138	68	250	270	700	3000
XV-3 / 38	38,47	141	70,5	141	70,5	143	70,5	250	270	700	2800
XV-3 / 43	43,44	145	72,5	145	72,5	147	72,5	250	270	700	2800
XV-3 / 47	47,16	148	74	148	74	150	74	230	250	700	2800
XV-3 / 51	50,88	151	75,5	151	75,5	153	75,5	230	250	700	2800
XV-3 / 54	54,60	154	77	154	77	156	77	230	250	700	2300
XV-3 / 61	60,81	159	79,5	159	79,5	161	79,5	230	250	700	2300
XV-3 / 64	64,53	162	81	162	81	164	81	210	230	700	2300
XV-3 / 70	70,74	167	83,5	167	83,5	169	83,5	200	220	700	2300
XV-3 / 74	74,46	170	85	170	85	172	85	180	200	700	2300
XV-3 / 90	86,87	180	90	180	90	182	90	150	170	700	2300

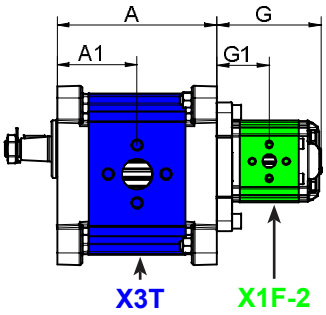
TYPE	Displacem.	E	E1	F	F1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-2 / 4	4,20	83,4	41,7	87,2	41,7	260	300	700	4000
XV-2 / 6	6,00	86,4	43,2	90,2	43,2	260	300	700	3500
XV-2 / 9	8,40	90,4	45,2	94,2	45,2	260	300	700	3500
XV-2 / 11	10,80	94,4	47,2	98,2	47,2	260	300	700	3500
XV-2 / 14	14,40	100,4	50,2	104,2	50,2	250	290	700	3500
XV-2 / 17	16,80	104,4	52,2	108,2	52,2	230	270	700	3500
XV-2 / 19	19,20	108,4	54,2	112,2	54,2	210	250	700	3000
XV-2 / 22	22,80	114,4	57,2	118,2	57,2	200	240	700	3000
XV-2 / 26	26,20	118,4	59,2	122,2	59,2	170	210	700	3000
XV-2 / 30	30,00	126,4	63,2	130,2	63,2	160	200	700	2500
XV-2 / 34	34,20	133,4	66,7	137,2	66,7	150	190	700	2500
XV-2 / 40	39,60	142,4	71,2	146,2	71,2	140	180	700	2000

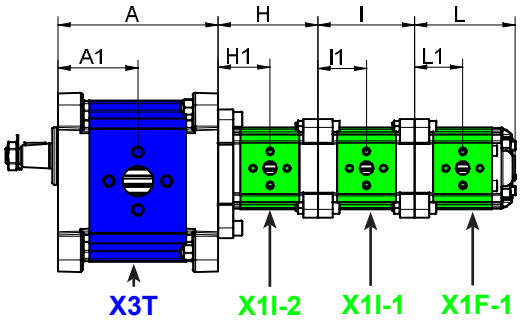
MULTIPLE PUMP XV-3

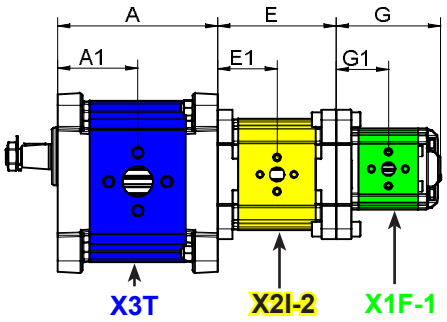
BASE ø 50,8 - STANDARD

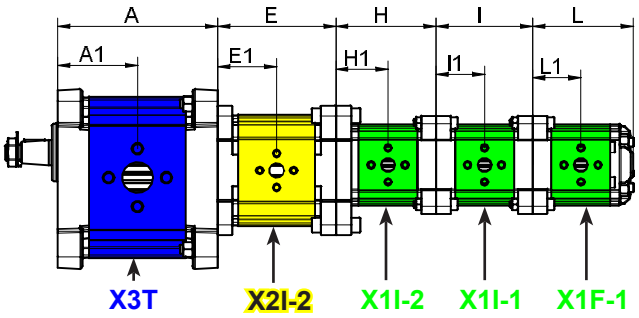
XV-3

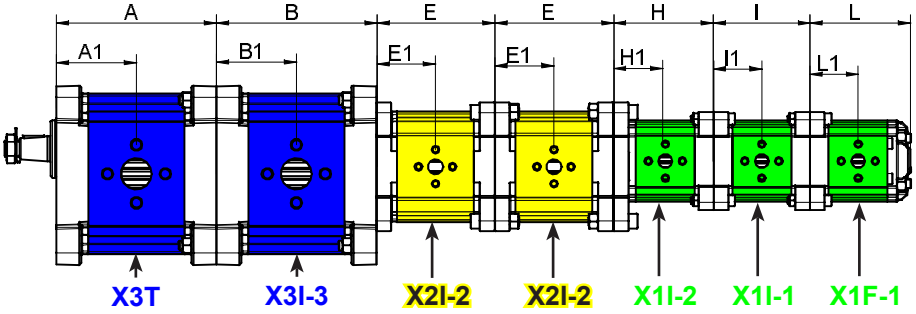










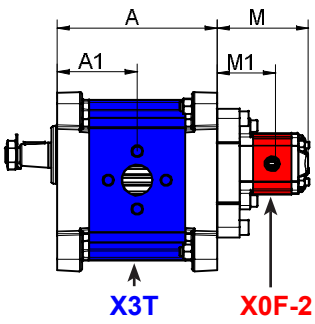


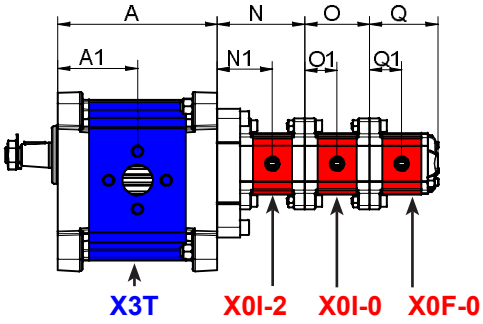
TYPE	Displacem.	A	A1	B	B1	C	C1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-3 / 15	14,89	122	61	122	61	124	61	300	320	700	3000
XV-3 / 18	17,37	124	62	124	62	126	62	300	320	700	3000
XV-3 / 21	21,10	127	63,5	127	63,5	129	63,5	280	300	700	3000
XV-3 / 27	26,97	131	65,5	131	65,5	133	65,5	250	270	700	3000
XV-3 / 32	32,27	136	68	136	68	138	68	250	270	700	3000
XV-3 / 38	38,47	141	70,5	141	70,5	143	70,5	250	270	700	2800
XV-3 / 43	43,44	145	72,5	145	72,5	147	72,5	250	270	700	2800
XV-3 / 47	47,16	148	74	148	74	150	74	230	250	700	2800
XV-3 / 51	50,88	151	75,5	151	75,5	153	75,5	230	250	700	2800
XV-3 / 54	54,60	154	77	154	77	156	77	230	250	700	2300
XV-3 / 61	60,81	159	79,5	159	79,5	161	79,5	230	250	700	2300
XV-3 / 64	64,53	162	81	162	81	164	81	210	230	700	2300
XV-3 / 70	70,74	167	83,5	167	83,5	169	83,5	200	220	700	2300
XV-3 / 74	74,46	170	85	170	85	172	85	180	200	700	2300
XV-3 / 90	86,87	180	90	180	90	182	90	150	170	700	2300

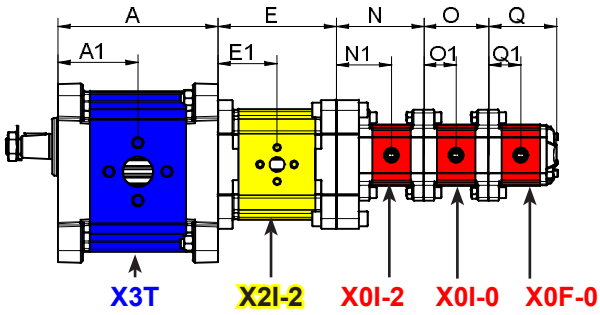
TYPE	Displacem.	E	E1	F	F1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-2 / 4	4,20	83,4	41,7	87,2	41,7	260	300	700	4000
XV-2 / 6	6,00	86,4	43,2	90,2	43,2	260	300	700	3500
XV-2 / 9	8,40	90,4	45,2	94,2	45,2	260	300	700	3500
XV-2 / 11	10,80	94,4	47,2	98,2	47,2	260	300	700	3500
XV-2 / 14	14,40	100,4	50,2	104,2	50,2	250	290	700	3500
XV-2 / 17	16,80	104,4	52,2	108,2	52,2	230	270	700	3500
XV-2 / 19	19,20	108,4	54,2	112,2	54,2	210	250	700	3000
XV-2 / 22	22,80	114,4	57,2	118,2	57,2	200	240	700	3000
XV-2 / 26	26,20	118,4	59,2	122,2	59,2	170	210	700	3000
XV-2 / 30	30,00	126,4	63,2	130,2	63,2	160	200	700	2500
XV-2 / 34	34,20	133,4	66,7	137,2	66,7	150	190	700	2500
XV-2 / 40	39,60	142,4	71,2	146,2	71,2	140	180	700	2000

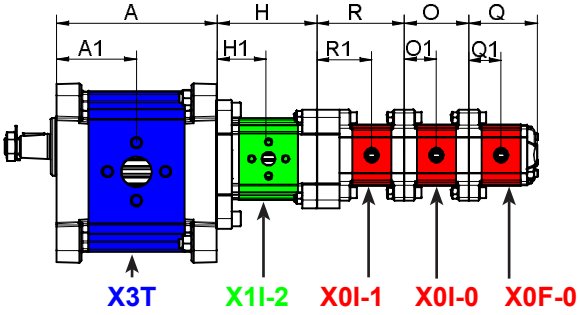
MULTIPLE PUMP XV-3
ø 50,8 FLANGE

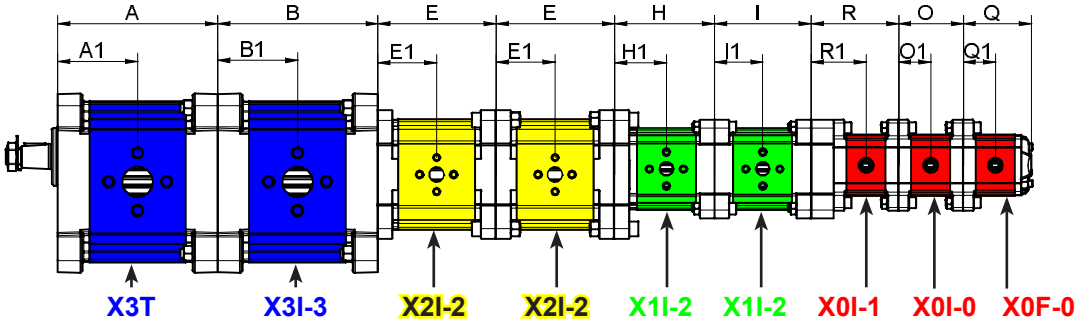
XV-3











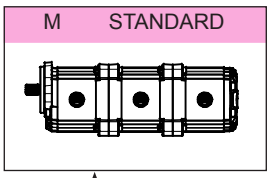
TYPE	Displacem.	G	G1	H	H1	I	I1	L	L1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-1 / 0,9	0,91	81,5	40,8	78	40,8	74,5	37,3	78	37,3	240	280	700	6000
XV-1 / 1,2	1,17	82,5	41,3	79	41,3	75,5	37,8	79	37,8	250	290	700	6000
XV-1 / 1,7	1,56	84	42	80,5	42	77	38,5	80,5	38,5	250	290	700	6000
XV-1 / 2,2	2,08	86	43	82,5	43	79	39,5	82,5	39,5	250	290	700	6000
XV-1 / 2,6	2,60	88	44	84,5	44	81	40,5	84,5	40,5	250	300	700	6000
XV-1 / 3,2	3,12	90	45	86	45	83	41,5	86	41,5	250	300	700	6000
XV-1 / 3,8	3,64	92	46	88,5	46	85	42,5	88,5	42,5	250	300	700	6000
XV-1 / 4,3	4,26	94	47	90,5	47	87	43,5	90,5	43,5	250	300	700	6000
XV-1 / 4,9	4,94	97	48,5	93,5	48,5	90	45	93,5	45	250	300	700	6000
XV-1 / 5,9	5,85	100,5	50,3	97	50,3	93,5	46,8	97	46,8	250	300	700	5000
XV-1 / 6,5	6,50	103	51,5	99,5	51,5	96	48	99,5	48	250	300	700	5000
XV-1 / 7,8	7,54	107	53,5	103,5	53,5	100	50	103,5	50	220	260	700	5000
XV-1 / 9,8	9,88	116	58	112,5	58	109	54,5	112,5	54,5	190	230	700	4000

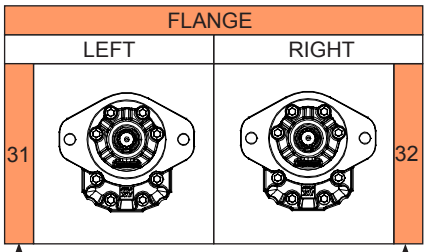
TYPE	Displacem.	M	M1	N	N1	O	O1	Q	Q1	R	R1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-0 / 0,17	0,16	75,8	46,2	72,3	46,2	52,3	26,2	55,8	26,2	72,3	46,2	220	260	700	9000
XV-0 / 0,25	0,24	76,4	46,5	72,9	46,5	52,9	26,5	56,4	26,5	72,9	46,5	220	260	700	9000
XV-0 / 0,45	0,45	78	47,3	74,5	47,3	54,5	27,3	58	27,3	74,5	47,3	220	280	700	9000
XV-0 / 0,57	0,56	79	47,8	75,5	47,8	55,5	27,8	59	27,8	75,5	47,8	220	280	700	9000
XV-0 / 0,76	0,75	80,5	48,5	77	48,5	57	28,5	60,5	28,5	77	48,5	220	280	700	9000
XV-0 / 0,98	0,92	82	49,3	78,5	49,3	58,5	29,3	62	29,3	78,5	49,3	220	280	700	6000
XV-0 / 1,27	1,26	84,5	50,5	81	50,5	61	30,5	64,5	30,5	81	50,5	220	280	700	6000
XV-0 / 1,52	1,48	86,5	51,5	83	51,5	63	31,5	66,5	31,5	83	51,5	220	280	700	6000
XV-0 / 2,30	2,28	92,5	54,5	89	54,5	69	34,5	72,5	34,5	89	54,5	220	210	700	5000

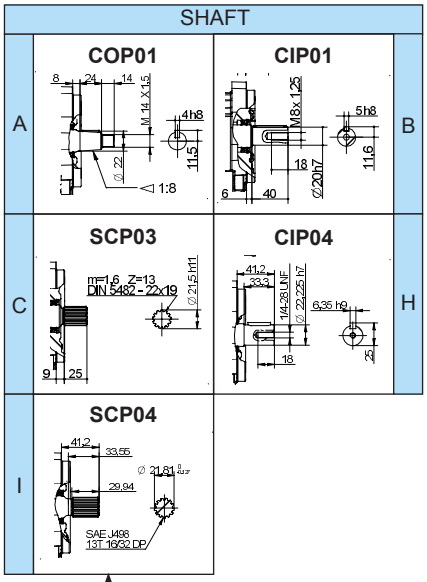
MULTIPLE PUMPXV-3

ø 101,6 FLANGE "SAE B"

XV-3

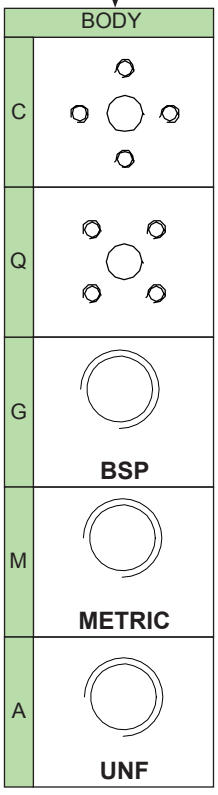


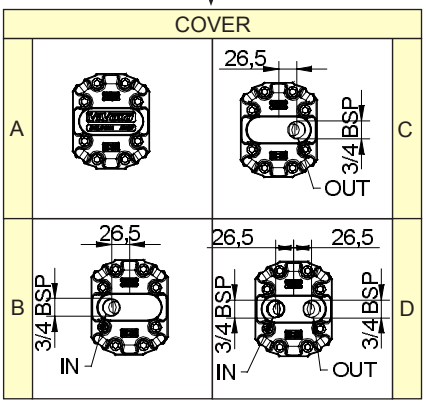




9	M	3	32	I	G	A	78	78	.....	78

NUMBER OF ELEMENTS





DISPLACEMENT	
66	XV-3P/ 15
68	XV-3P/ 18
70	XV-3P/ 21
72	XV-3P/ 27
74	XV-3P/ 32
78	XV-3P/ 38
79	XV-3P/ 43
80	XV-3P/ 47
81	XV-3P/ 51
82	XV-3P/ 54
83	XV-3P/ 61
85	XV-3P/ 64
86	XV-3P/ 70
87	XV-3P/ 74
89	XV-3P/ 90

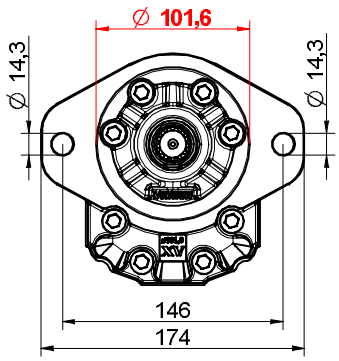
DISPLACEMENT	
01	XV-0P/0.17
02	XV-0P/0.25
04	XV-0P/0.45
05	XV-0P/0.57
06	XV-0P/0.76
07	XV-0P/0.98
09	XV-0P/1.27
11	XV-0P/1.52
13	XV-0P/2.30
16	XV-1P/0.9
17	XV-1P/1.2
18	XV-1P/1.7
20	XV-1P/2.2
21	XV-1P/2.6
23	XV-1P/3.2
25	XV-1P/3.8
27	XV-1P/4.3
29	XV-1P/4.9
31	XV-1P/5.9
32	XV-1P/6.5
34	XV-1P/7.8
36	XV-1P/9.8
41	XV-2P/ 4
43	XV-2P/ 6
45	XV-2P/ 9
47	XV-2P/ 11
49	XV-2P/14
51	XV-2P/17
53	XV-2P/19
55	XV-2P/22
57	XV-2P/26
59	XV-2P/30
61	XV-2P/34
63	XV-2P/40

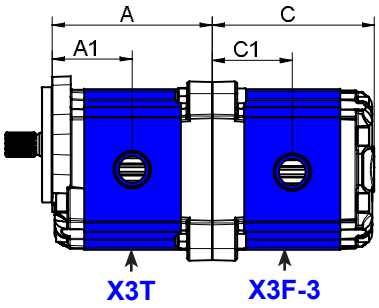
SAMT HYDRAULICS

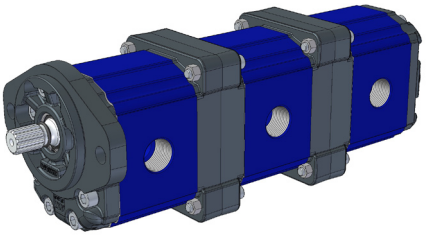
MULTIPLE PUMP XV-3

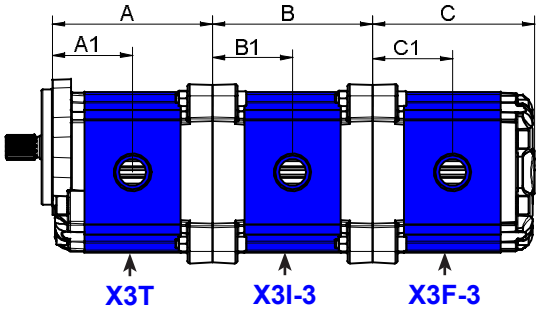
ø 101,6 FLANGE "SAE B"

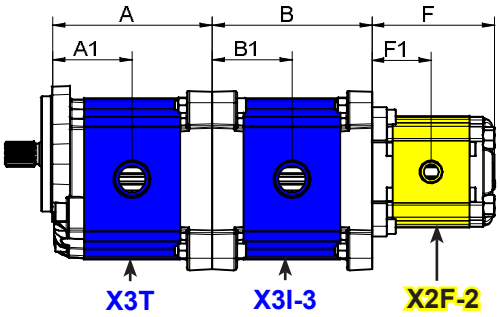
XV-3

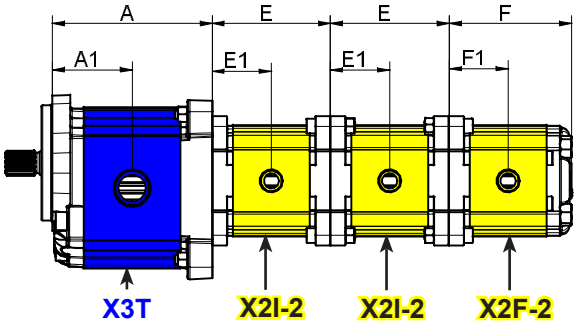












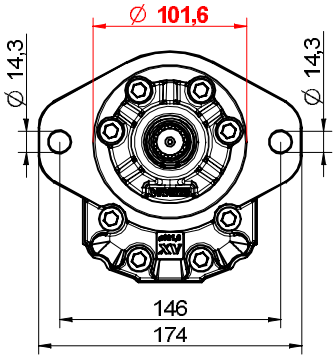
TYPE	Displacem.	A	A1	B	B1	C	C1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-3 / 15	14,89	122	61	122	61	124	61	300	320	700	3000
XV-3 / 18	17,37	124	62	124	62	126	62	300	320	700	3000
XV-3 / 21	21,10	127	63,5	127	63,5	129	63,5	280	300	700	3000
XV-3 / 27	26,97	131	65,5	131	65,5	133	65,5	250	270	700	3000
XV-3 / 32	32,27	136	68	136	68	138	68	250	270	700	3000
XV-3 / 38	38,47	141	70,5	141	70,5	143	70,5	250	270	700	2800
XV-3 / 43	43,44	145	72,5	145	72,5	147	72,5	250	270	700	2800
XV-3 / 47	47,16	148	74	148	74	150	74	230	250	700	2800
XV-3 / 51	50,88	151	75,5	151	75,5	153	75,5	230	250	700	2800
XV-3 / 54	54,60	154	77	154	77	156	77	230	250	700	2300
XV-3 / 61	60,81	159	79,5	159	79,5	161	79,5	230	250	700	2300
XV-3 / 64	64,53	162	81	162	81	164	81	210	230	700	2300
XV-3 / 70	70,74	167	83,5	167	83,5	169	83,5	200	220	700	2300
XV-3 / 74	74,46	170	85	170	85	172	85	180	200	700	2300
XV-3 / 90	86,87	180	90	180	90	182	90	150	170	700	2300

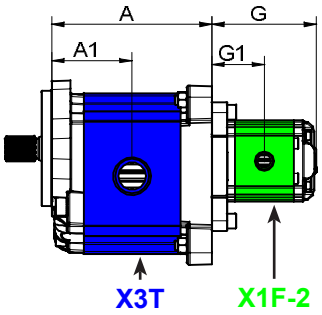
TYPE	Displacem.	E	E1	F	F1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-2 / 4	4,20	83,4	41,7	87,2	41,7	260	300	700	4000
XV-2 / 6	6,00	86,4	43,2	90,2	43,2	260	300	700	3500
XV-2 / 9	8,40	90,4	45,2	94,2	45,2	260	300	700	3500
XV-2 / 11	10,80	94,4	47,2	98,2	47,2	260	300	700	3500
XV-2 / 14	14,40	100,4	50,2	104,2	50,2	250	290	700	3500
XV-2 / 17	16,80	104,4	52,2	108,2	52,2	230	270	700	3500
XV-2 / 19	19,20	108,4	54,2	112,2	54,2	210	250	700	3000
XV-2 / 22	22,80	114,4	57,2	118,2	57,2	200	240	700	3000
XV-2 / 26	26,20	118,4	59,2	122,2	59,2	170	210	700	3000
XV-2 / 30	30,00	126,4	63,2	130,2	63,2	160	200	700	2500
XV-2 / 34	34,20	133,4	66,7	137,2	66,7	150	190	700	2500
XV-2 / 40	39,60	142,4	71,2	146,2	71,2	140	180	700	2000

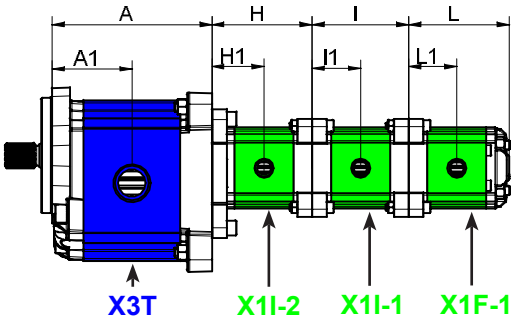
MULTIPLE PUMP XV-3

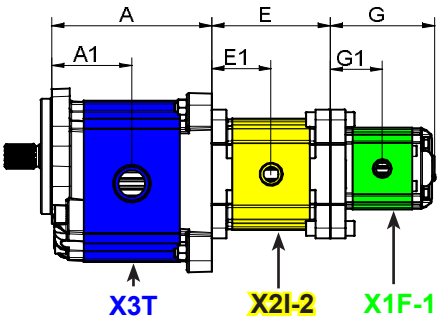
ø 101,6 FLANGE "SAE B"

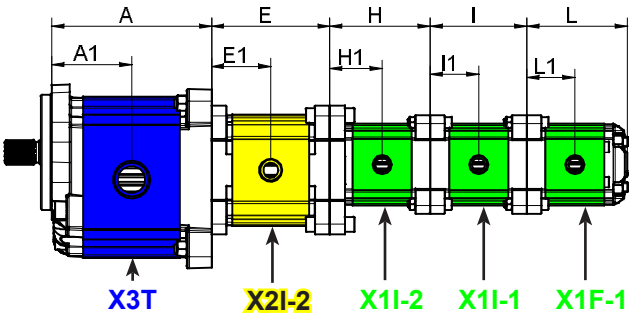
XV-3

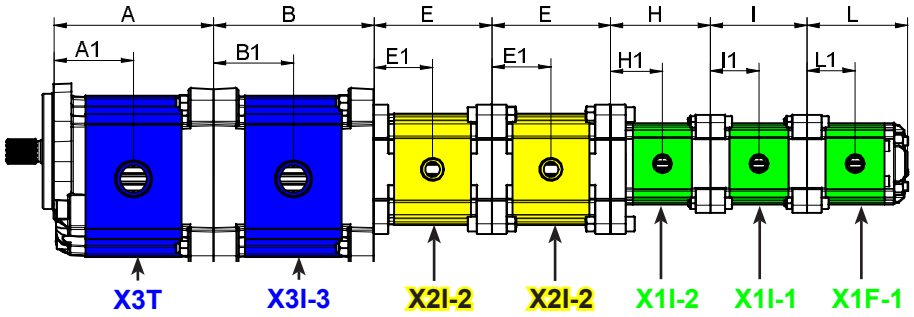












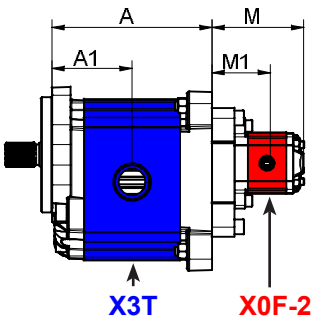
TYPE	Displacem.	A	A1	B	B1	C	C1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-3 / 15	14,89	122	61	122	61	124	61	300	320	700	3000
XV-3 / 18	17,37	124	62	124	62	126	62	300	320	700	3000
XV-3 / 21	21,10	127	63,5	127	63,5	129	63,5	280	300	700	3000
XV-3 / 27	26,97	131	65,5	131	65,5	133	65,5	250	270	700	3000
XV-3 / 32	32,27	136	68	136	68	138	68	250	270	700	3000
XV-3 / 38	38,47	141	70,5	141	70,5	143	70,5	250	270	700	2800
XV-3 / 43	43,44	145	72,5	145	72,5	147	72,5	250	270	700	2800
XV-3 / 47	47,16	148	74	148	74	150	74	230	250	700	2800
XV-3 / 51	50,88	151	75,5	151	75,5	153	75,5	230	250	700	2800
XV-3 / 54	54,60	154	77	154	77	156	77	230	250	700	2300
XV-3 / 61	60,81	159	79,5	159	79,5	161	79,5	230	250	700	2300
XV-3 / 64	64,53	162	81	162	81	164	81	210	230	700	2300
XV-3 / 70	70,74	167	83,5	167	83,5	169	83,5	200	220	700	2300
XV-3 / 74	74,46	170	85	170	85	172	85	180	200	700	2300
XV-3 / 90	86,87	180	90	180	90	182	90	150	170	700	2300

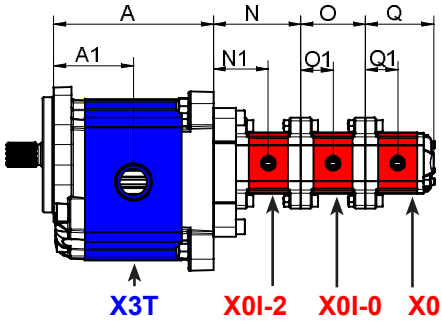
TYPE	Displacem.	E	E1	F	F1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-2 / 4	4,20	83,4	41,7	87,2	41,7	260	300	700	4000
XV-2 / 6	6,00	86,4	43,2	90,2	43,2	260	300	700	3500
XV-2 / 9	8,40	90,4	45,2	94,2	45,2	260	300	700	3500
XV-2 / 11	10,80	94,4	47,2	98,2	47,2	260	300	700	3500
XV-2 / 14	14,40	100,4	50,2	104,2	50,2	250	290	700	3500
XV-2 / 17	16,80	104,4	52,2	108,2	52,2	230	270	700	3500
XV-2 / 19	19,20	108,4	54,2	112,2	54,2	210	250	700	3000
XV-2 / 22	22,80	114,4	57,2	118,2	57,2	200	240	700	3000
XV-2 / 26	26,20	118,4	59,2	122,2	59,2	170	210	700	3000
XV-2 / 30	30,00	126,4	63,2	130,2	63,2	160	200	700	2500
XV-2 / 34	34,20	133,4	66,7	137,2	66,7	150	190	700	2500
XV-2 / 40	39,60	142,4	71,2	146,2	71,2	140	180	700	2000

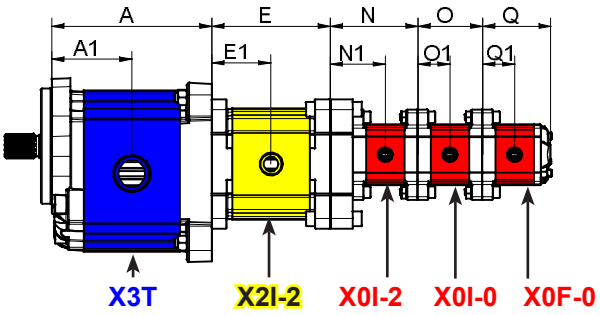
MULTIPLE PUMP XV-3

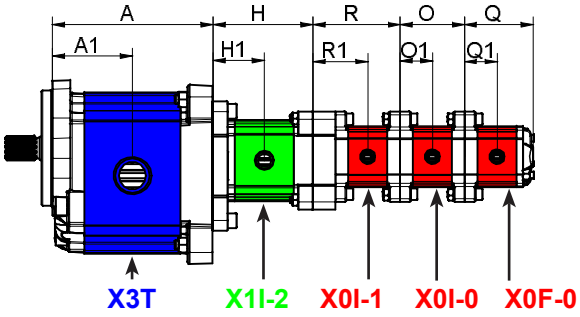
ø 101,6 FLANGE "SAE B"

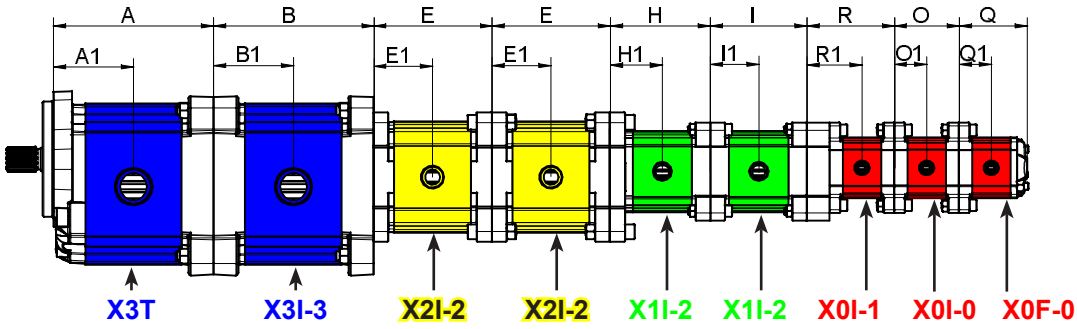
XV-3











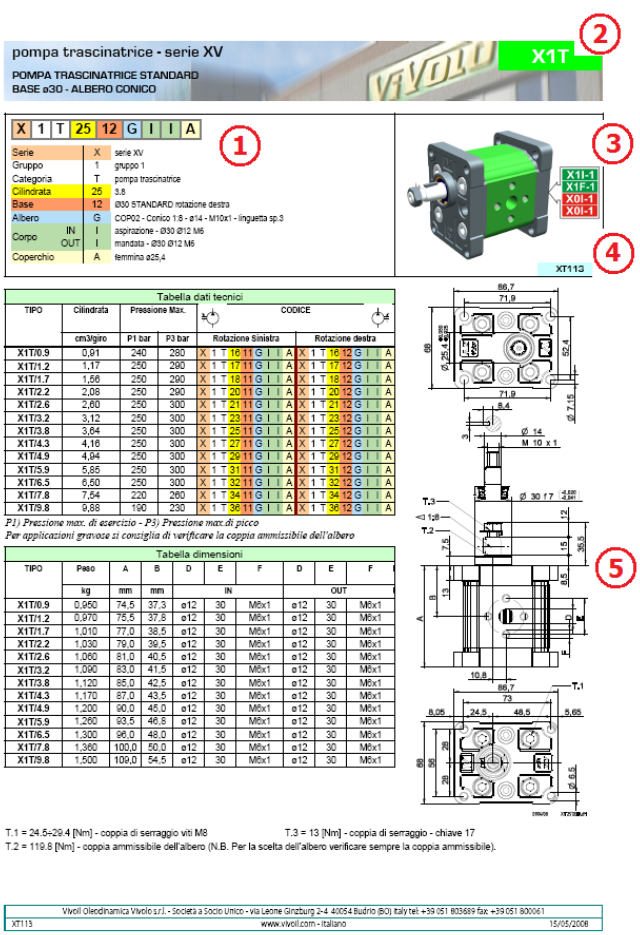
TYPE	Displacem.	G	G1	H	H1	I	I1	L	L1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-1 / 0,9	0,91	81,5	40,8	78	40,8	74,5	37,3	78	37,3	240	280	700	6000
XV-1 / 1,2	1,17	82,5	41,3	79	41,3	75,5	37,8	79	37,8	250	290	700	6000
XV-1 / 1,7	1,56	84	42	80,5	42	77	38,5	80,5	38,5	250	290	700	6000
XV-1 / 2,2	2,08	86	43	82,5	43	79	39,5	82,5	39,5	250	290	700	6000
XV-1 / 2,6	2,60	88	44	84,5	44	81	40,5	84,5	40,5	250	300	700	6000
XV-1 / 3,2	3,12	90	45	86	45	83	41,5	86	41,5	250	300	700	6000
XV-1 / 3,8	3,64	92	46	88,5	46	85	42,5	88,5	42,5	250	300	700	6000
XV-1 / 4,3	4,26	94	47	90,5	47	87	43,5	90,5	43,5	250	300	700	6000
XV-1 / 4,9	4,94	97	48,5	93,5	48,5	90	45	93,5	45	250	300	700	6000
XV-1 / 5,9	5,85	100,5	50,3	97	50,3	93,5	46,8	97	46,8	250	300	700	5000
XV-1 / 6,5	6,50	103	51,5	99,5	51,5	96	48	99,5	48	250	300	700	5000
XV-1 / 7,8	7,54	107	53,5	103,5	53,5	100	50	103,5	50	220	260	700	5000
XV-1 / 9,8	9,88	116	58	112,5	58	109	54,5	112,5	54,5	190	230	700	4000

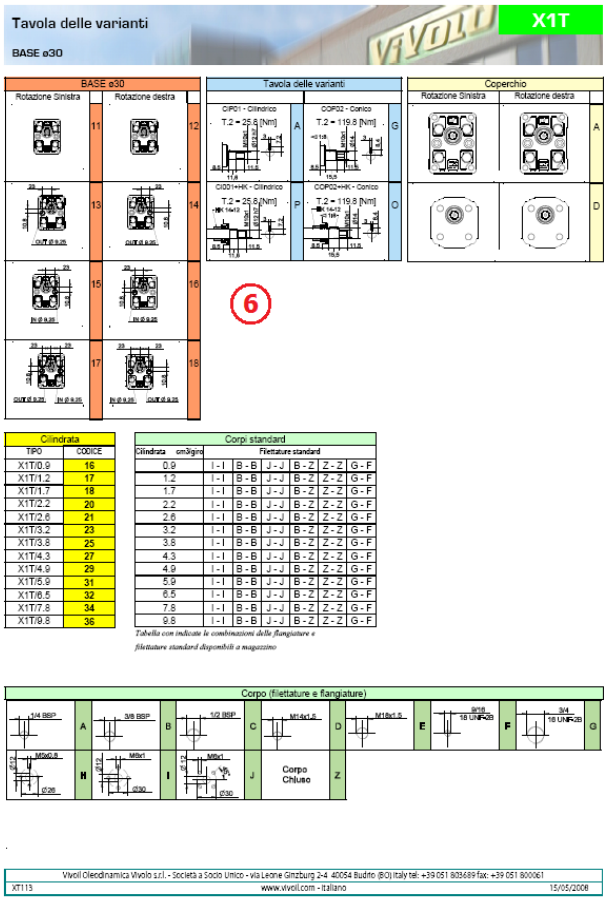
TYPE	Displacem.	M	M1	N	N1	O	O1	Q	Q1	R	R1	P1	P3	Min speed	Max speed
	cc/rev	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	bar	bar	rpm	rpm
XV-0 / 0,17	0,16	75,8	46,2	72,3	46,2	52,3	26,2	55,8	26,2	72,3	46,2	220	260	700	9000
XV-0 / 0,25	0,24	76,4	46,5	72,9	46,5	52,9	26,5	56,4	26,5	72,9	46,5	220	260	700	9000
XV-0 / 0,45	0,45	78	47,3	74,5	47,3	54,5	27,3	58	27,3	74,5	47,3	220	280	700	9000
XV-0 / 0,57	0,56	79	47,8	75,5	47,8	55,5	27,8	59	27,8	75,5	47,8	220	280	700	9000
XV-0 / 0,76	0,75	80,5	48,5	77	48,5	57	28,5	60,5	28,5	77	48,5	220	280	700	9000
XV-0 / 0,98	0,92	82	49,3	78,5	49,3	58,5	29,3	62	29,3	78,5	49,3	220	280	700	6000
XV-0 / 1,27	1,26	84,5	50,5	81	50,5	61	30,5	64,5	30,5	81	50,5	220	280	700	6000
XV-0 / 1,52	1,48	86,5	51,5	83	51,5	63	31,5	66,5	31,5	83	51,5	220	280	700	6000
XV-0 / 2,30	2,28	92,5	54,5	89	54,5	69	34,5	72,5	34,5	89	54,5	220	210	700	5000

SINGLE ELEMENTS

The catalogue is ordered by dimensional groups and connecting flanges. For each element, characterized by the connecting flange, two pages are prepared as you can see in the following picture. From the different sections it is possible to find out:

1. Structure of the Product Code corresponding to the **purchasing code** starting from the specific characteristics.
2. Typology reference – it identifies the family (primary, intermediate or final element) and the dimensional group.
3. Three-dimensional representation of the kind of product and reference to the typologies by which the assembly is possible.
4. Reference for the product identification inside the price list.
5. Product drawing and dimensions depending on the displacement.
6. Table of the variants by which it is possible to identify the product details and compose the code.





MULTIPLE PUMPS – SINGLE ELEMENTS

DISPLACEMENT, PRESSURES AND SPEED

	Type	Displacement	Max Pressure	Min speed	Max Speed
XV-0P	XV-0P/0.17	0.16 cm^3/giro	260 bar	700 giri/min	9000 giri/min
	XV-0P/0.25	0.24 cm^3/giro	260 bar	700 giri/min	9000 giri/min
	XV-0P/0.45	0.45 cm^3/giro	280 bar	700 giri/min	9000 giri/min
	XV-0P/0.57	0.56 cm^3/giro	280 bar	700 giri/min	9000 giri/min
	XV-0P/0.76	0.75 cm^3/giro	280 bar	700 giri/min	9000 giri/min
	XV-0P/0.98	0.92 cm^3/giro	280 bar	700 giri/min	6000 giri/min
	XV-0P/1.27	1.26 cm^3/giro	280 bar	700 giri/min	6000 giri/min
	XV-0P/1.52	1.48 cm^3/giro	280 bar	700 giri/min	6000 giri/min
	XV-0P/2.30	2.28 cm^3/giro	210 bar	700 giri/min	5000 giri/min
XV-1P	XV-1P/0.9	0.91 cm^3/giro	280 bar	700 giri/min	6000 giri/min
	XV-1P/1.2	1.17 cm^3/giro	290 bar	700 giri/min	6000 giri/min
	XV-1P/1.7	1.56 cm^3/giro	290 bar	700 giri/min	6000 giri/min
	XV-1P/2.2	2.08 cm^3/giro	290 bar	700 giri/min	6000 giri/min
	XV-1P/2.6	2.60 cm^3/giro	300 bar	700 giri/min	6000 giri/min
	XV-1P/3.2	3.12 cm^3/giro	300 bar	700 giri/min	6000 giri/min
	XV-1P/3.8	3.64 cm^3/giro	300 bar	700 giri/min	6000 giri/min
	XV-1P/4.3	4.16 cm^3/giro	300 bar	700 giri/min	6000 giri/min
	XV-1P/4.9	4.94 cm^3/giro	300 bar	700 giri/min	6000 giri/min
	XV-1P/5.9	5.85 cm^3/giro	300 bar	700 giri/min	5000 giri/min
	XV-1P/6.5	6.50 cm^3/giro	300 bar	700 giri/min	5000 giri/min
	XV-1P/7.8	7.54 cm^3/giro	260 bar	700 giri/min	5000 giri/min
	XV-1P/9.8	9.88 cm^3/giro	230 bar	700 giri/min	4000 giri/min
XV-2P	XV-2P/4	4.2 cm^3/giro	300 bar	700 giri/min	3500 giri/min
	XV-2P/6	6.0 cm^3/giro	300 bar	700 giri/min	3500 giri/min
	XV-2P/9	8.4 cm^3/giro	300 bar	700 giri/min	3500 giri/min
	XV-2P/11	10.8 cm^3/giro	300 bar	700 giri/min	3500 giri/min
	XV-2P/14	14.4 cm^3/giro	290 bar	700 giri/min	3500 giri/min
	XV-2P/17	16.8 cm^3/giro	270 bar	700 giri/min	3500 giri/min
	XV-2P/19	19.2 cm^3/giro	250 bar	700 giri/min	3000 giri/min
	XV-2P/22	22.8 cm^3/giro	240 bar	700 giri/min	3000 giri/min
	XV-2P/26	26.2 cm^3/giro	210 bar	700 giri/min	3000 giri/min
	XV-2P/30	30.0 cm^3/giro	200 bar	700 giri/min	2500 giri/min
	XV-2P/34	34.2 cm^3/giro	190 bar	700 giri/min	2500 giri/min
	XV-2P/40	39.6 cm^3/giro	180 bar	700 giri/min	2000 giri/min
XV-3P	XV-3P/15	14.89 cm^3/giro	320 bar	700 giri/min	3000 giri/min
	XV-3P/18	17.37 cm^3/giro	320 bar	700 giri/min	3000 giri/min
	XV-3P/21	21.10 cm^3/giro	300 bar	700 giri/min	3000 giri/min
	XV-3P/27	26.97 cm^3/giro	270 bar	700 giri/min	3000 giri/min
	XV-3P/32	32.27 cm^3/giro	270 bar	700 giri/min	3000 giri/min
	XV-3P/38	38.47 cm^3/giro	270 bar	700 giri/min	2800 giri/min
	XV-3P/43	43.44 cm^3/giro	250 bar	700 giri/min	2800 giri/min
	XV-3P/47	47.16 cm^3/giro	250 bar	700 giri/min	2800 giri/min
	XV-3P/51	50.88 cm^3/giro	250 bar	700 giri/min	2800 giri/min
	XV-3P/54	54.60cm^3/giro	250 bar	700 giri/min	2300 giri/min
	XV-3P/61	60.81 cm^3/giro	220 bar	700 giri/min	2300 giri/min
	XV-3P/64	64.53 cm^3/giro	220 bar	700 giri/min	2300 giri/min
	XV-3P/70	70.74 cm^3/giro	210 bar	700 giri/min	2300 giri/min
	XV-3P/74	74.46 cm^3/giro	190 bar	700 giri/min	2300 giri/min
	XV-3P/90	86.87 cm^3/giro	160 bar	700 giri/min	2300 giri/min

MULTIPLE PUMPS – SINGLE ELEMENTS

General technical data

Type of fluid to be used	Mineral-based hydraulic oil HLP HV (D IN 51524)
Minimum operating viscosity	10 mm^2/s
Maximum operating viscosity	100 mm^2/s
Maximum admissible viscosity at start-up	1500 mm^2/s
Recommended viscosity	20 mm^2/s - 100 mm^2/s
Ambient temperature	-20 °C - 60°C
Fluid operating temperature	-15°C - 80°C
Recommended fluid operating temperature	30°C - 50°C
For temperatures above 120°C	Request FKM seals (Viton)
Max. inlet fluid suction pressure (IN)	0.02-0.08 bars
Max. inlet fluid pressure (IN)	0.3 - 0.5 bars (for higher pressures consult the manufacturer)
Inlet fluid filtering (IN)	30 - 60 Microns
Outlet fluid filtering (OUT)	10 - 25 Microns
Max. inlet fluid speed (IN)	0.5 - 1.5 m/s
Max. outlet fluid speed (OUT)	3.0 - 5.5m/s
Use of water-glycol (HF-C)	max n. of revolutions 1100 rpm; max pressure 170 bars

Flow rate tables

TYPE	cm3/ rev		rpm														
			700	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	7000	8000	9000
XV 0P/0.17	0,16	Flow rate l/min	0,106	0,152	0,228	0,304	0,380	0,456	0,532	0,608	0,684	0,760	0,836	0,912	1,064	1,216	1,368
XV 0P/0.25	0,24		0,160	0,228	0,342	0,456	0,570	0,684	0,798	0,912	1,026	1,140	1,254	1,368	1,596	1,824	2,052
XV 0P/0.45	0,45		0,299	0,428	0,641	0,855	1,069	1,283	1,496	1,710	1,924	2,138	2,351	2,565	2,993	3,420	3,848
XV 0P/0.57	0,56		0,372	0,532	0,798	1,064	1,330	1,596	1,862	2,128	2,394	2,660	2,926	3,192	3,724	4,256	4,788
XV 0P/0.76	0,75		0,499	0,713	1,069	1,425	1,781	2,138	2,494	2,850	3,206	3,563	3,919	4,275	4,988	5,700	6,413
XV 0P/0.98	0,92		0,612	0,874	1,311	1,748	2,185	2,622	3,059	3,496	3,933	4,370	4,807	5,244			
XV 0P/1.27	1,26		0,838	1,197	1,796	2,394	2,993	3,591	4,190	4,788	5,387	5,985	6,584	7,182			
XV 0P/1.52	1,48		0,984	1,406	2,109	2,812	3,515	4,218	4,921	5,624	6,327	7,030	7,733	8,436			
XV 0P/2.30	2,28		1,516	2,166	3,249	4,332	5,415	6,498	7,581	8,664	9,747	10,830					

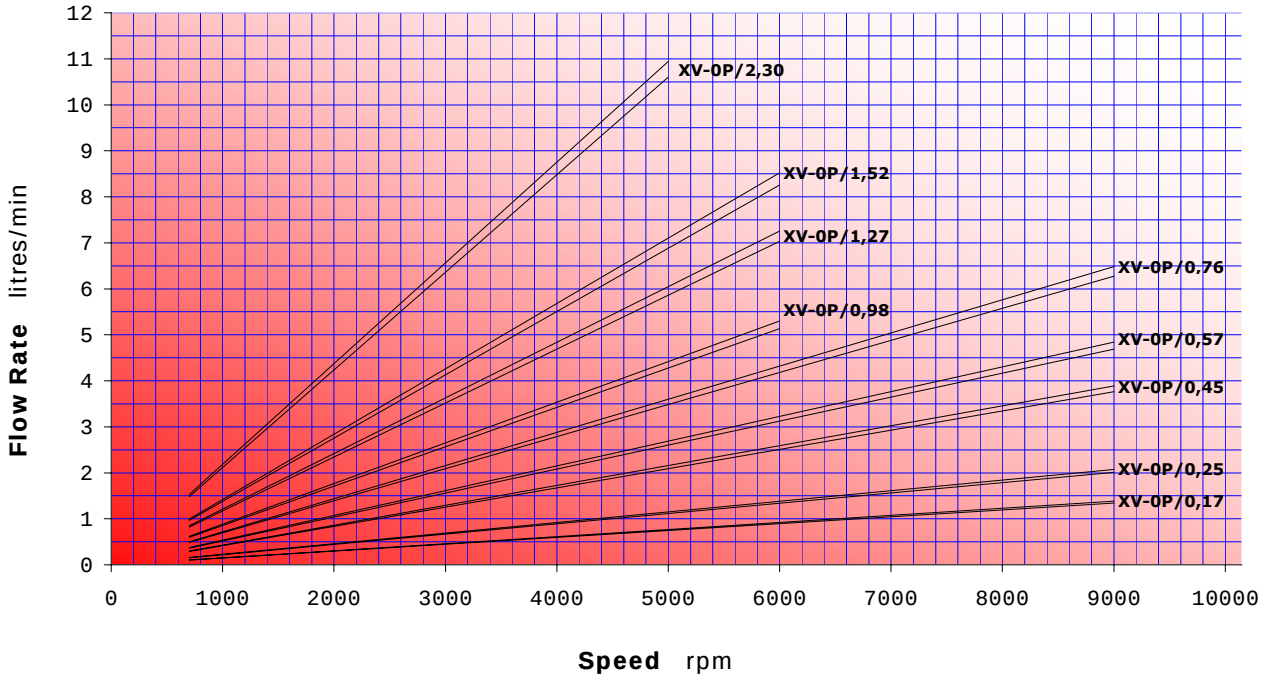
TYPE	cm3/ rev		rpm											
			700	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
XV 1P/0.9	0,91	Flow rate l/min	0,630	0,900	1,350	1,800	2,250	2,700	3,150	3,600	4,050	4,500	4,950	5,400
XV 1P/1.2	1,17		0,840	1,200	1,800	2,400	3,000	3,600	4,200	4,800	5,400	6,000	6,600	7,200
XV 1P/1.7	1,56		1,190	1,700	2,550	3,400	4,250	5,100	5,950	6,800	7,650	8,500	9,350	10,200
XV 1P/2.2	2,08		1,540	2,200	3,300	4,400	5,500	6,600	7,700	8,800	9,900	11,000	12,100	13,200
XV 1P/2.6	2,6		1,820	2,600	3,900	5,200	6,500	7,800	9,100	10,400	11,700	13,000	14,300	15,600
XV 1P/3.2	3,12		2,240	3,200	4,800	6,400	8,000	9,600	11,200	12,800	14,400	16,000	17,600	19,200
XV 1P/3.8	3,64		2,660	3,800	5,700	7,600	9,500	11,400	13,300	15,200	17,100	19,000	20,900	22,800
XV 1P/4.3	4,16		3,010	4,300	6,450	8,600	10,750	12,900	15,050	17,200	19,350	21,500	23,650	25,800
XV 1P/4.9	4,94		3,430	4,900	7,350	9,800	12,250	14,700	17,150	19,600	22,050	24,500	26,950	29,400
XV 1P/5.9	5,85		4,130	5,900	8,850	11,800	14,750	17,700	20,650	23,600	26,550	29,500		
XV 1P/6.5	6,5		4,550	6,500	9,750	13,000	16,250	19,500	22,750	26,000	29,250	32,500		
XV 1P/7.8	7,54		5,460	7,800	11,700	15,600	19,500	23,400	27,300	31,200	35,100	39,000		
XV 1P/9.8	9,88		6,860	9,800	14,700	19,600	24,500	29,400	34,300	39,200				

MULTIPLE PUMPS – SINGLE ELEMENTS

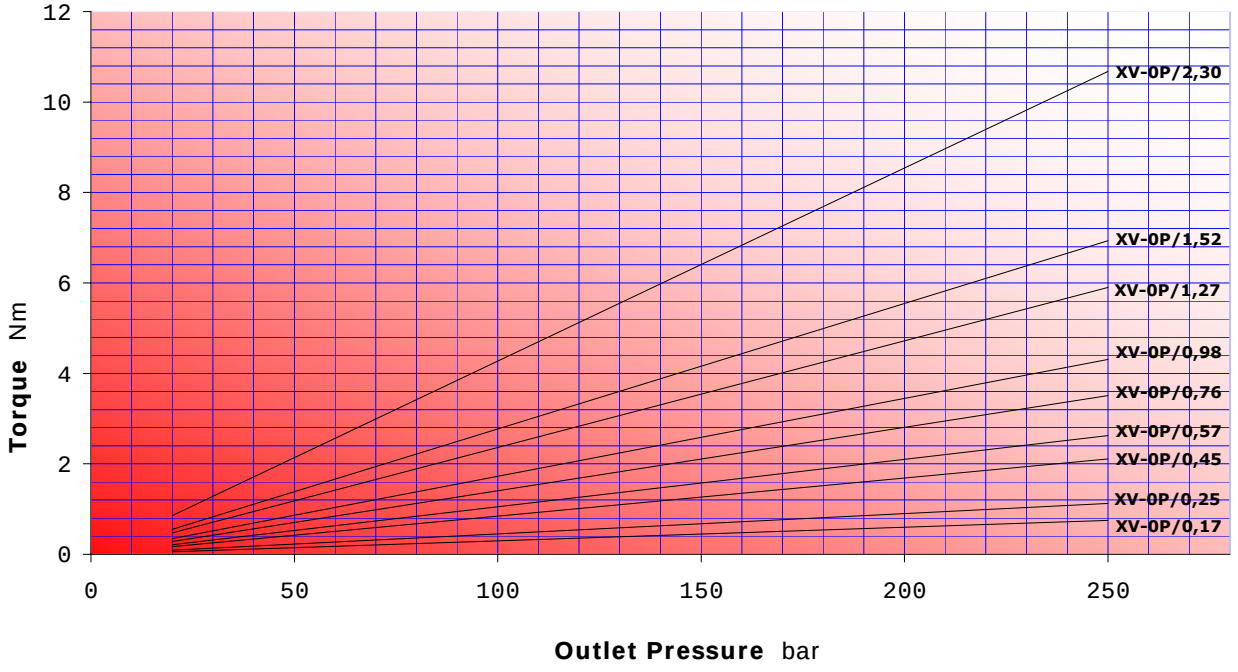
TYPE	cm3/rev		rpm							
			700	1000	1500	2000	2500	3000	3500	
XV 2P/4	4,2	Flow rate l/min	2,800	4,000	6,000	8,000	10,000	12,000	14,000	Flow rate l/min
XV 2P/6	6		4,200	6,000	9,000	12,000	15,000	18,000	21,000	
XV 2P/9	8,4		6,300	9,000	13,500	18,000	22,500	27,000	31,500	
XV 2P/11	10,8		7,700	11,000	16,500	22,000	27,500	33,000	38,500	
XV 2P/14	14,4		9,800	14,000	21,000	28,000	35,000	42,000	29,000	
XV 2P/17	16,8		11,900	17,000	25,500	34,000	42,500	51,000	59,500	
XV 2P/19	19,2		13,300	19,000	28,500	38,000	47,500	57,000		
XV 2P/22	22,8		15,400	22,000	33,000	44,000	55,000	66,000		
XV 2P/26	26,2		18,200	26,000	39,000	52,000	65,000	78,000		
XV 2P/30	30		21,000	30,000	45,000	60,000	75,000			
XV 2P/34	34,2		23,800	34,000	51,000	68,000	85,000			
XV 2P/40	39,6		28,000	40,000	60,000	80,000				

TYPE	cm3/rev		rpm							
			700	1000	1500	2000	2300	2500	3000	
XV 3P/15	14,89	Flow rate l/min	9,90	14,15	21,22	28,29	32,54	35,37	42,44	Flow rate l/min
XV 3P/18	17,37		11,55	16,51	24,76	33,01	37,96	41,26	49,52	
XV 3P/21	21,10		14,03	20,04	30,06	40,08	46,10	50,11	60,13	
XV 3P/27	26,97		17,94	25,62	38,43	51,24	58,93	64,05	76,86	
XV 3P/32	32,27		21,46	30,65	45,98	61,31	70,50	76,63	91,96	
XV 3P/38	38,47		25,58	36,55	54,82	73,09	84,06	91,37		
XV 3P/43	43,44		28,88	41,26	61,89	82,53	94,91	103,16		
XV 3P/47	47,16		31,36	44,80	67,20	89,60	103,04	112,00		
XV 3P/51	50,88		33,84	48,34	72,51	96,67	111,17			
XV 3P/54	54,60		36,31	51,87	77,81	103,75	119,31			
XV 3P/61	60,81		40,44	57,77	86,65	115,54	132,87			
XV 3P/64	64,53		42,91	61,31	91,96	122,61	141,00			
XV 3P/70	70,74		47,04	67,20	100,80	134,40	154,56			
XV 3P/74	74,46		49,52	70,74	106,11	141,47	162,70			
XV 3P/90	86,87		57,77	82,53	123,79	165,05	189,81			

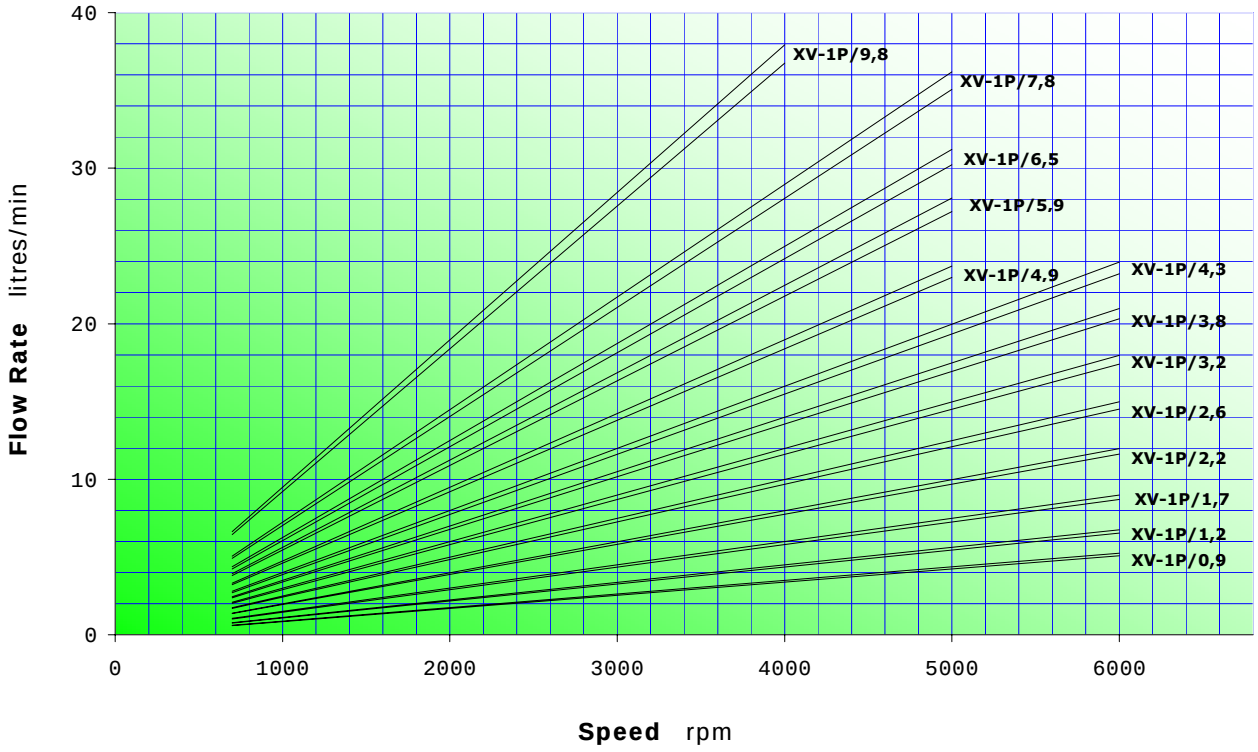
XV-0P CHARACTERISTIC FLOW RATE CURVES



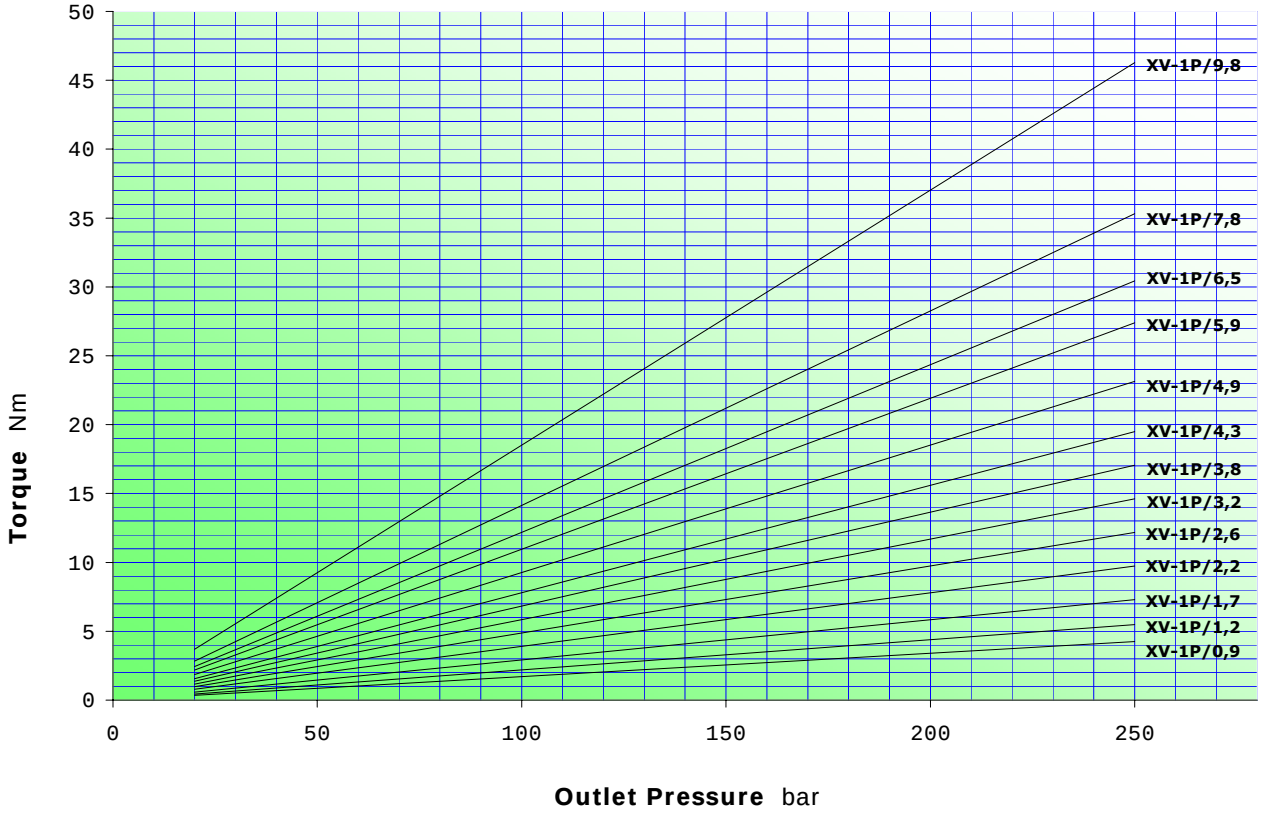
XV-0P MOTOR TORQUE



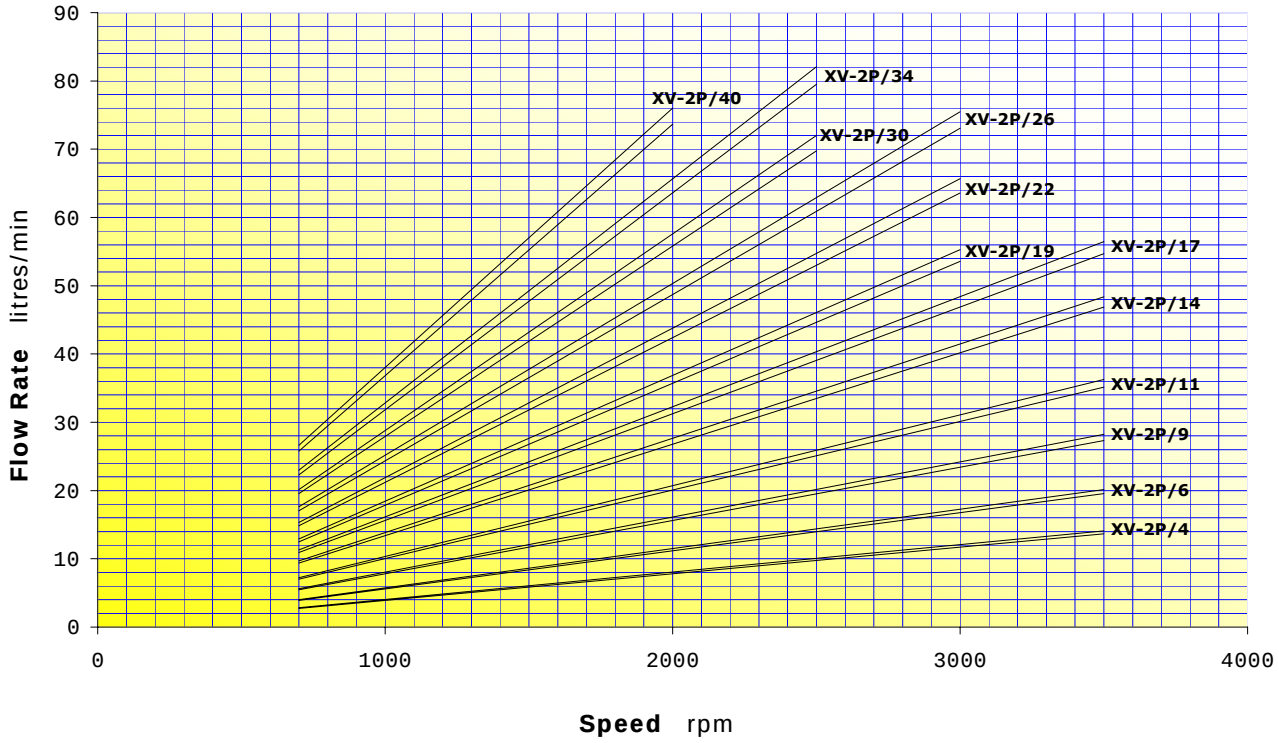
XV-1P CHARACTERISTIC FLOW RATE CURVES



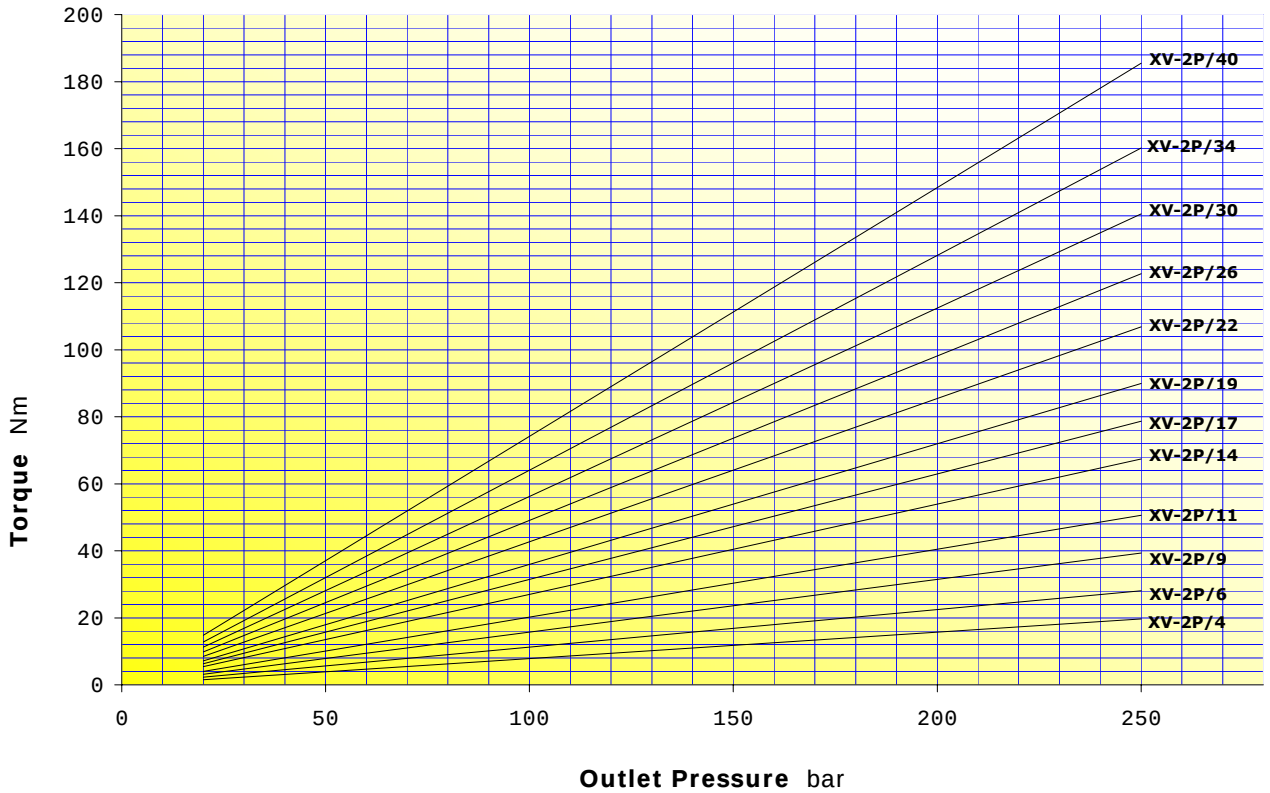
XV-1P MOTOR TORQUE



XV-2P CHARACTERISTIC FLOW RATE CURVES

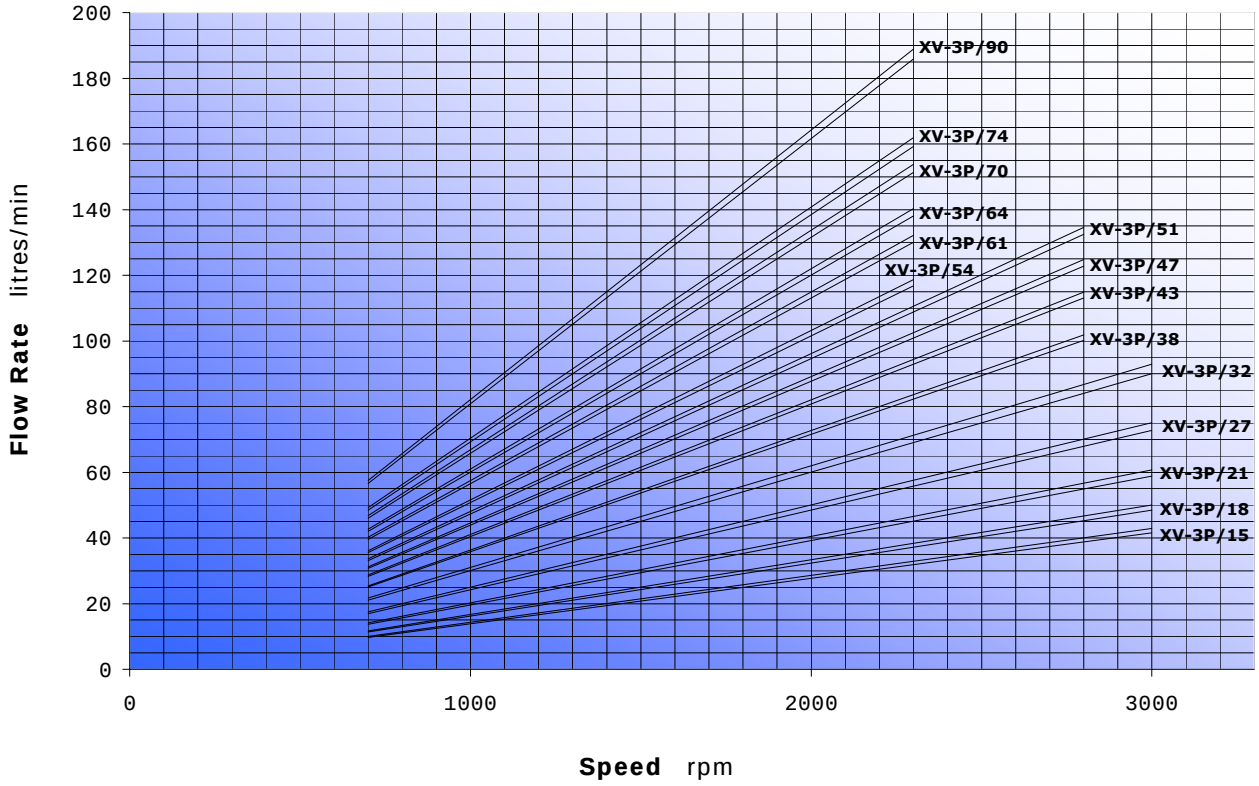


XV-2P MOTOR TORQUE

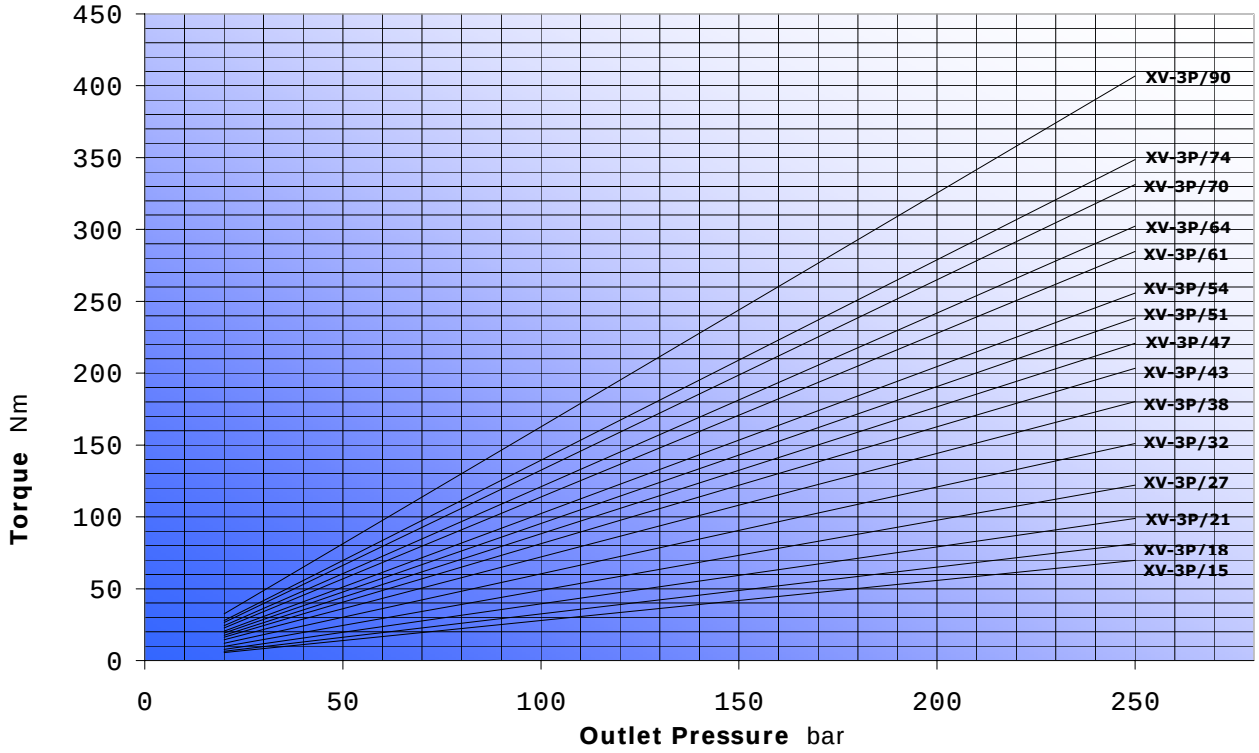


SAMT HYDRAULICS

XV-3P CHARACTERISTIC FLOW RATE CURVES



XV-3P MOTOR TORQUE



Constructive features

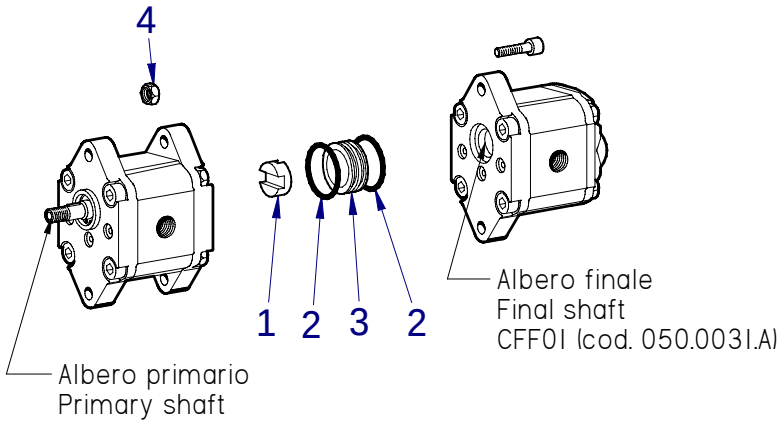
PART	MATERIAL	MECHANICAL FEATURES
PUMP BODY	Extruded alloy Series 7000, heat treated and anodised	Rp = 345 N/mm^2 (Yield strength) Rm = 382 N/mm^2 (Breaking strength)
FLANGE AND COVER	Die-cast aluminium alloy with excellent mechanical features, heat treated and anodised	Rp = 310÷350 N/mm^2 (Yield strength) Rm = 350÷400 N/mm^2 (Breaking strength)
GEAR BUSH BEARINGS	Special heat-treated tin alloy with excellent mechanical features and high anti-friction capacity. Self-lubricating bushes DU	Rp = 350 N/mm^2 (Yield strength) Rm = 390 N/mm^2 (Breaking strength)
GEARS	Steel UNI 7846	Rs = 980 N/mm^2 (Yield strength) Rm =1270÷1570 N/mm^2 (Breaking strength)
SEALS	A 727 Standard Acrylonitrile F 975 Viton FKM	70 Shore, thermal resistance 120°C 80 Shore, thermal resistance 200°C
BACK-UP RINGS	Virgin PTFE Tecnil Q3	

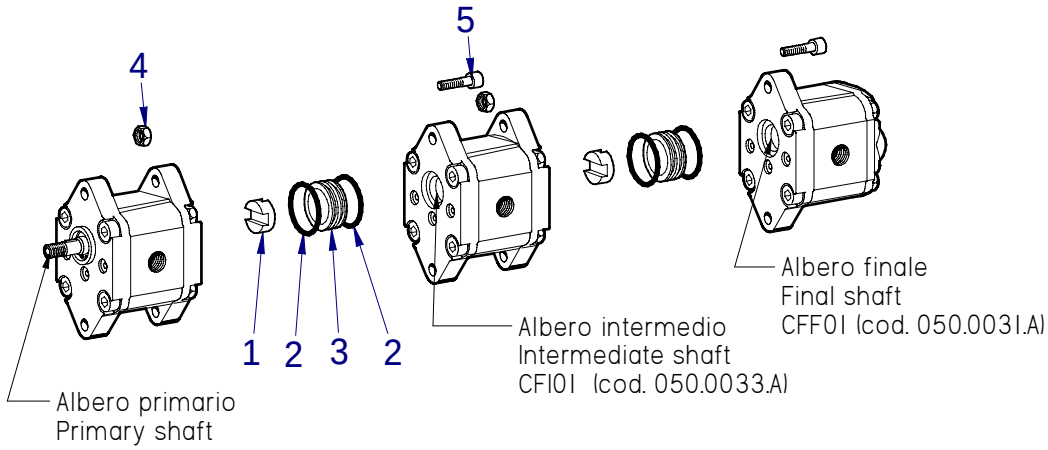
LINKING KIT

To assemble multiple pump starting from single element (driving, intermediate and final pump), dedicated linking kit are required. They can be chosen starting from the dimensional group of the elements to be assembled. Currently no linking kit are available for separated stage or common inlet solutions.

In the following pages you can find the available Kit, their content and how they should be applied.

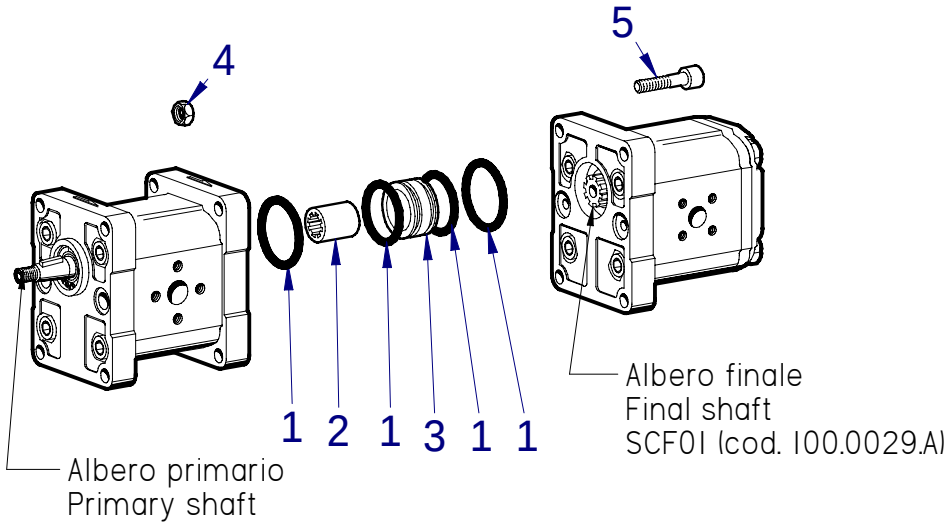
Accoppiamento - Linking (Cod.: 8KITR001) OP + OP

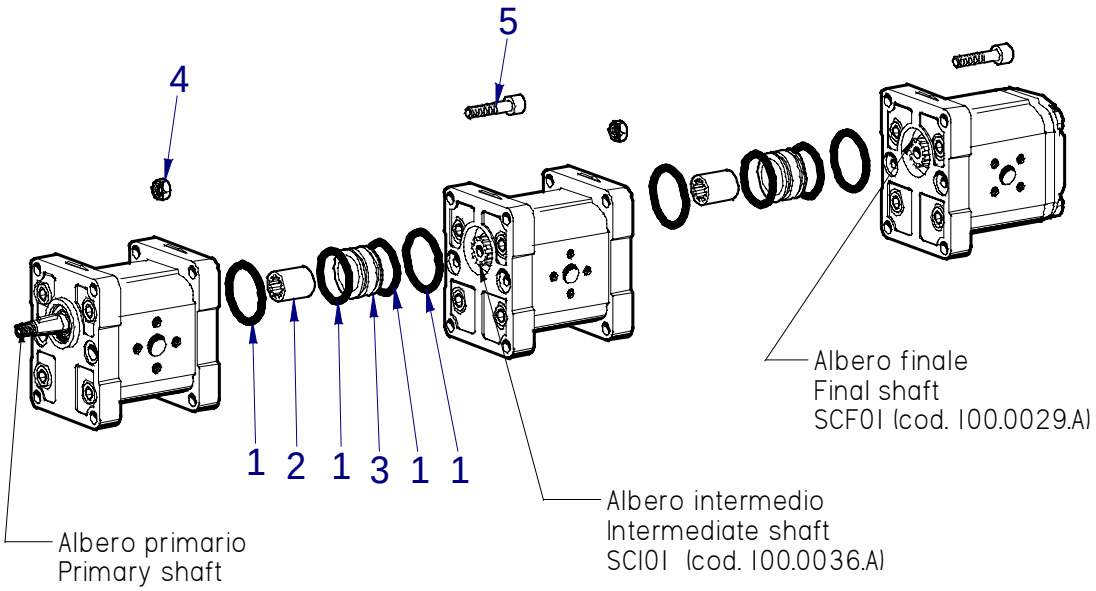




KIT ACCOPPIAMENTO WV 0P+0P LINKING KIT WV 0P+0P				Cod.: 8KITR001
Pos.	**Code**	**Qt. à**	**Descrizione**	**Description**
1	050.0070.A	1	Giunto a croce	Slider coupling
2	640.0025.A	2	OR 18,77 x 1,78	OR 18,77 x 1,78
3	050.0106.A	1	Anello di centraggio	Centering ring
4	540.0030.A	2	Dado M6 H=6	Nut M6 H=6
5	521.0006.AL025	2	Vite TCCE M6 x 25	Screw TCCE M6 x 25

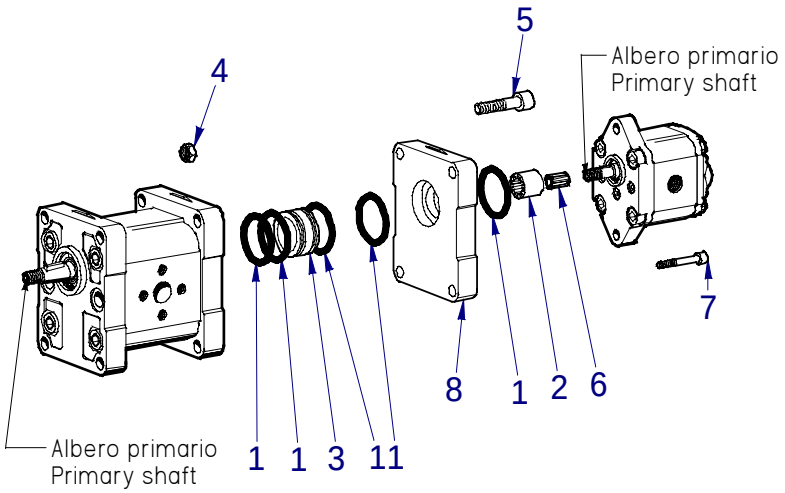
Accoppiamento– Linking (Cod.: 8KITR002) 1P + 1P

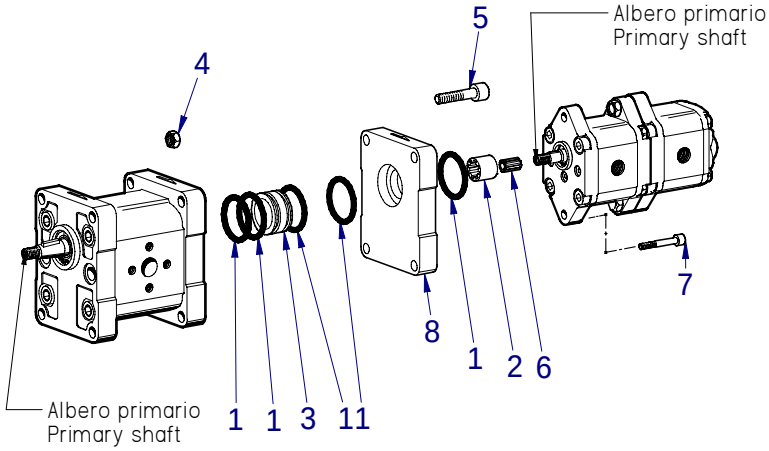




KIT ACCOPPIAMENTO XV 1P+1P LINKING KIT XV 1P+1P				Cod.: 8KITR002
Pos.	Code	Qt.à	Descrizione	Description
1	640.0030.A	4	OR 21.95 x1.78	OR 21.95 x1.78
2	100.0058.A	1	Manicotto scanalato	Grooved sleeve
3	100.0082.A	1	Anello di centraggio	Centering ring
4	540.0030.A	4	Dado M6 H=6	Nut M6 H=6
5	521.0006.AL035	4	Vite TCCE M6 x 35	Screw TCCE M6 x 35

Accoppiamento– Linking (Cod.: 8KITR003 - 8KITR007) 1P + 0P

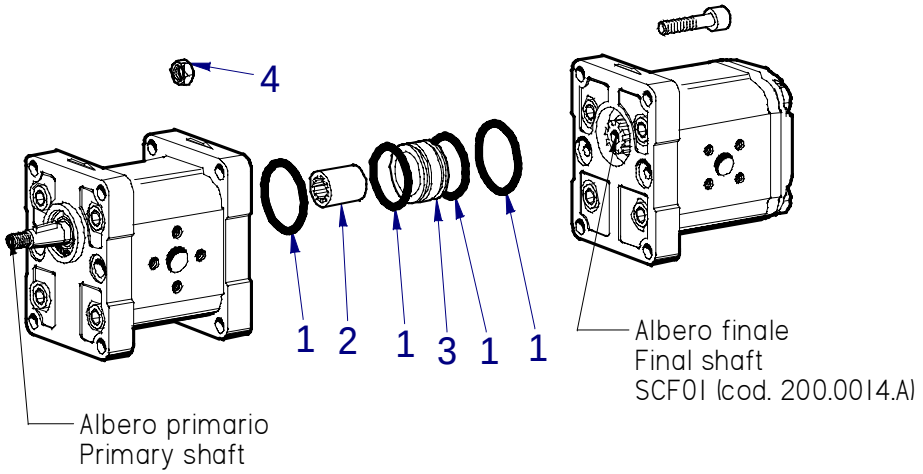


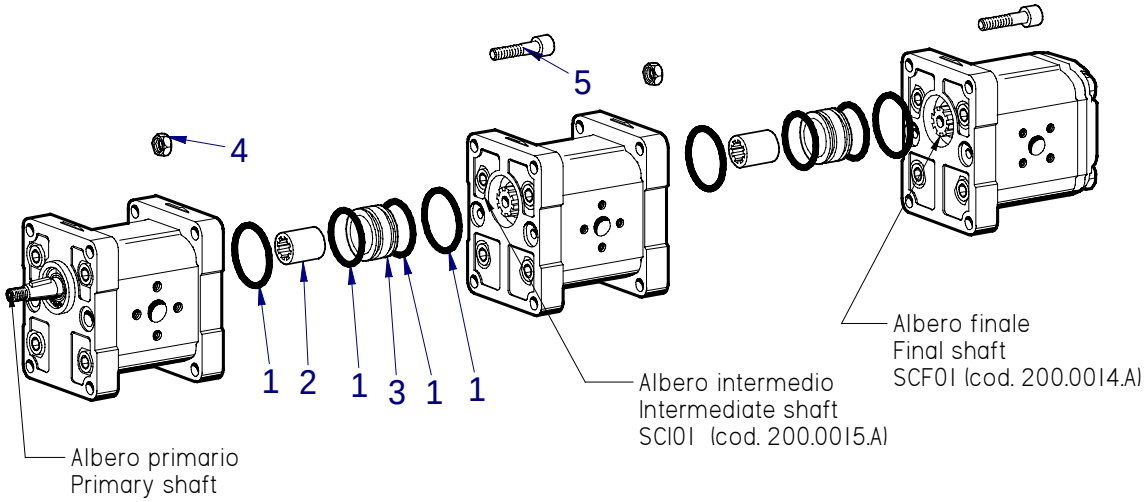


KIT ACCOPPIAMENTO XV 1P+0P LINKING KIT XV 1P+ 0P				Cod.: 8KITR003
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
1	640.0030.A	5	OR 21.95x1.78	OR 21.95x1.78
2	100.0091.A	1	Manicotto scanalato	Grooved sleeve
3	100.0082.A	1	Anello di centraggio	Centering ring
4	540.0030.A	4	Dado M6 H=6	Nut M6 H=6
5	521.0006.AL035	4	Vite TCCE M6 x 35	Screw TCCE M6 x 35
6	050.0040.A	1	Manicotto scanalato	Grooved sleeve
7	521.0006.AL025	2	Vite TCCE M6 x 25	Screw TCCE M6 x 25

KIT ACCOPPIAMENTO XV 1P+0P con flangia di supporto LINKING KIT XV 1P+ 0P with mounting flange				Cod.: 8KITR007
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
	8KITR003	1	KIT 1P+0P	KIT 1P+0P
8	100.0044.A	1	flangia di supporto 1P+0P	1P+0P mounting flange

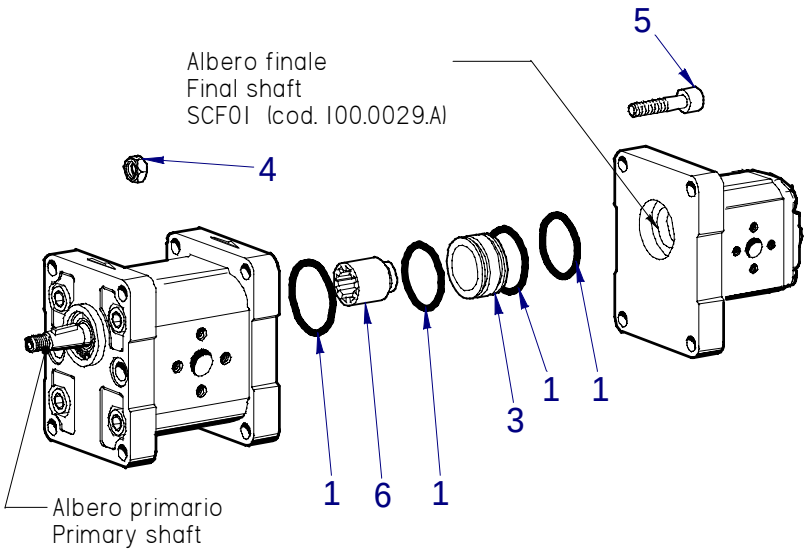
Accoppiamento– Linking Cod.: (8KITR004) 2P + 2P

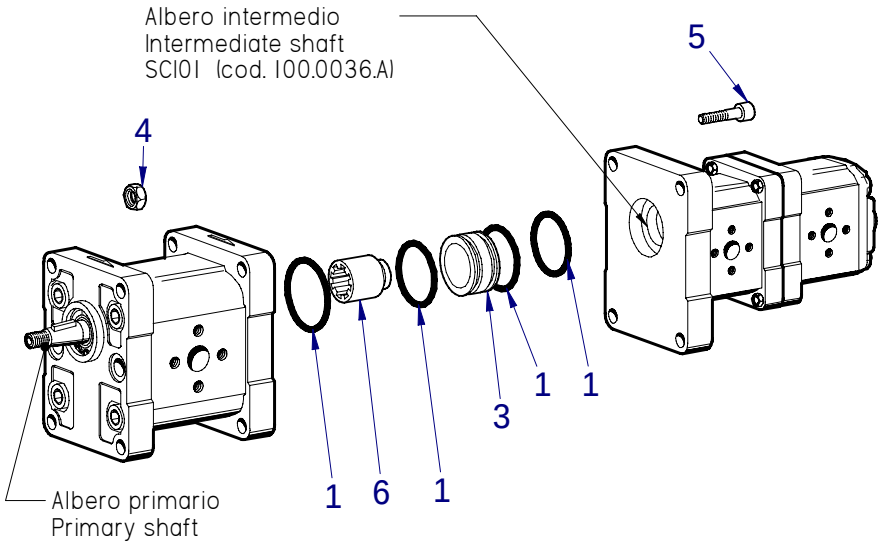




KIT ACCOPPIAMENTO XV 2P + 2P LINKING KIT XV 2P + 2P				Cod.: 8KITR004
Pos.	Code	Qt.à	Descrizione	Description
1	640.0045.A	4	OR 33.05x1.78	OR 33.05x1.78
2	200.0019.B	1	Manicotto scanalato	Grooved sleeve
3	200.0065.A	1	Anello di centraggio	Centering ring
4	540.0045.A	4	Dado M8 H=8	Nut M8 H=8
5	521.0008.AL35	4	Vite TCCE M8 x 35	Screw TCCE M8 x 35

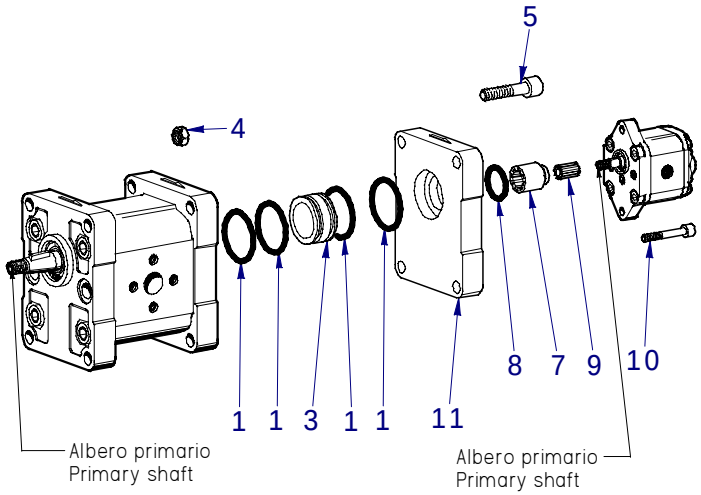
Accoppiamento – Linking (Cod.: 8KITR005) 2P + 1P

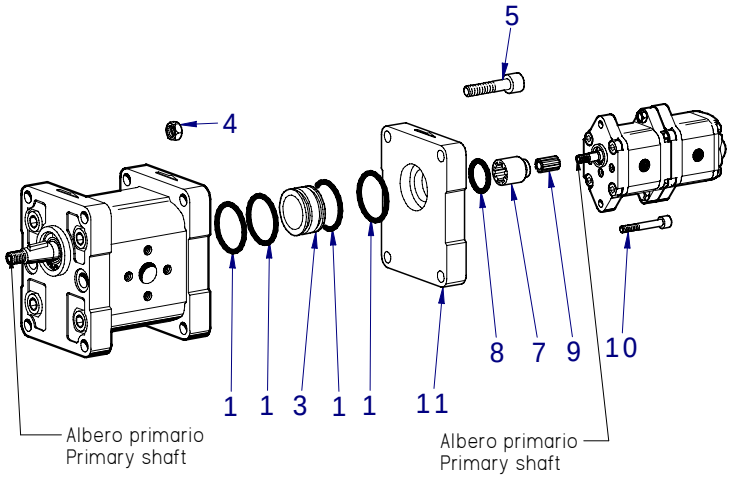




KIT ACCOPPIAMENTO XV 2P + 1P LINKING KIT XV 2P + 1P				Cod.: 8KITR005
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
1	640.0045.A	4	OR 33.05x1.78	OR 33.05x1.78
3	200.0065.A	1	Anello di centraggio	Centering ring
4	540.0045.A	4	Dado M8 H=8	Nut M8 H=8
5	521.0008.AL035	4	Vite TCCE M8 x 35	Screw TCCE M8 x 35
6	200.0046.A	1	Manicotto scanalato	Grooved sleeve

Accoppiamento – Linking (Cod.: 8KITR006 - 8KITR008) 2P + 0P

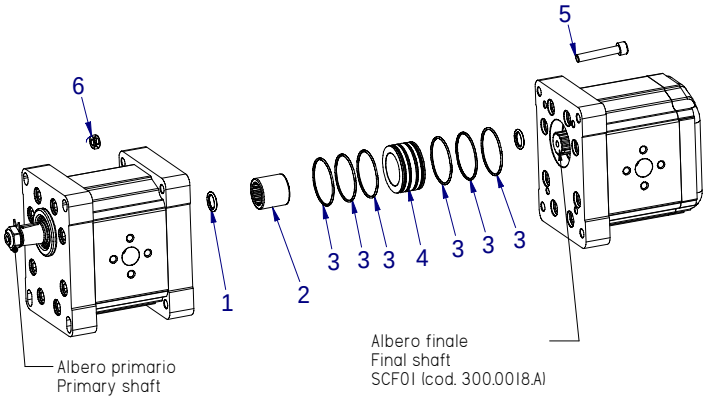


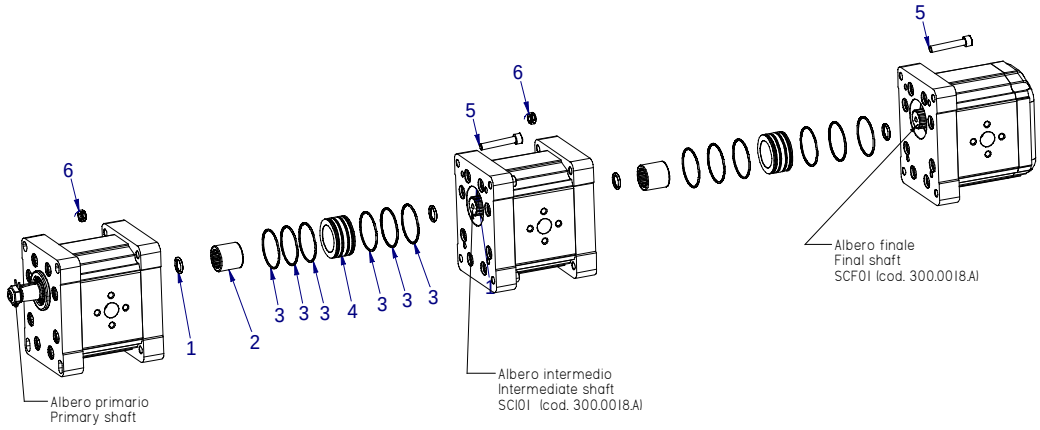


KIT ACCOPPIAMENTO XV 2P + 0P LINKING KIT XV 2P + 0P				Cod.: 8KITR006
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
1	640.0045.A	4	OR 33.05x1.78	OR 33.05x1.78
3	200.0065.A	1	Anello di centraggio	Centering ring
4	540.0045.A	4	Dado M8 H=8	Nut M8 H=8
5	521.0008.AL040	4	Vite TCCE M8 x 40	Screw TCCE M8 x 40
7	200.0162.A	1	Manicotto scanalato	Grooved sleeve
8	640.0030.A	1	OR 21.95 x 1.78	OR 21.95 x 1.78
9	050.0040.A	1	Manicotto scanalato	Grooved sleeve
10	521.0006.AL025	2	Vite TCCE M6 x 25	Screw TCCE M6 x 25

KIT ACCOPPIAMENTO XV 2P+0P con flangia di supporto LINKING KIT XV 2P+ 0P with mounting flange				Cod.: 8KITR008
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
	8KITR006	1	KIT 2P+0P	KIT 2P+0P
11	200.0170.A	1	flangia di supporto 2P+0P	2P+0P mounting flange

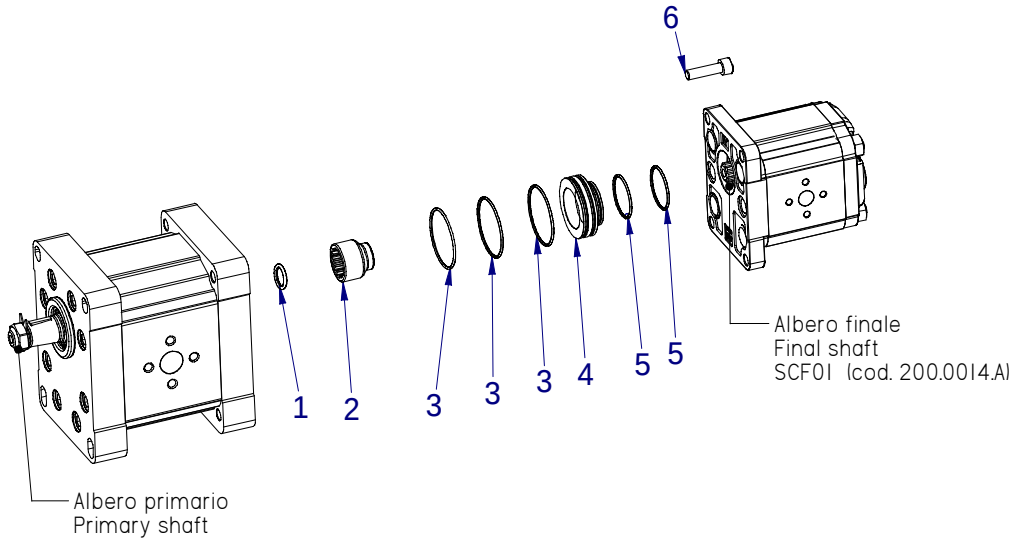
Accoppiamento – Linking (Cod: 8KITR013) 3P + 3P

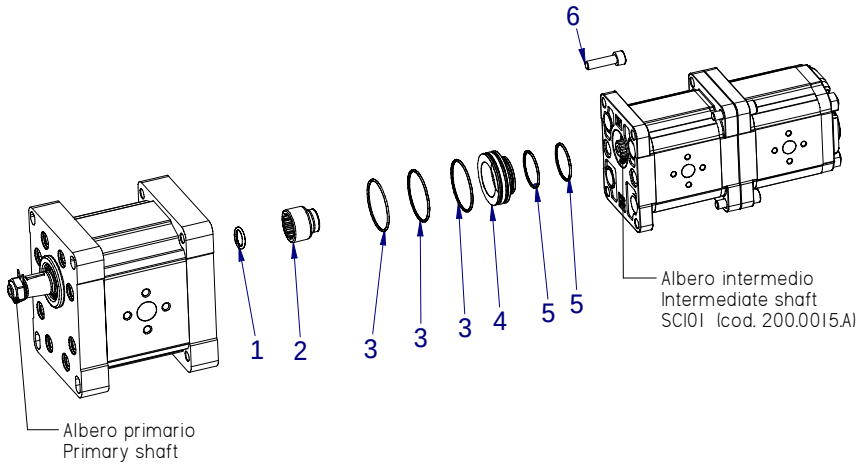




KIT ACCOPPIAMENTO XV 3P + 3P LINKING KIT XV 3P + 3P				Cod.: 8KITR013
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
1	650.0015.A	2	OR 18.72 x 2.62	OR 18.72 x 2.62
2	300.0019.A	1	Manicotto scanalato	Grooved sleeve
3	640.0085.A	6	OR 47.35 x 1.78	OR 47.35 x 1.78
4	300.0012.A	1	Anello di centraggio	Centering ring
5	521.0008.AL055	4	Vite TCCE M8 x 55	Screw TCCE M8 x 55
6	540.0045.A	4	Dado M8 H=8	Nut M8 H=8

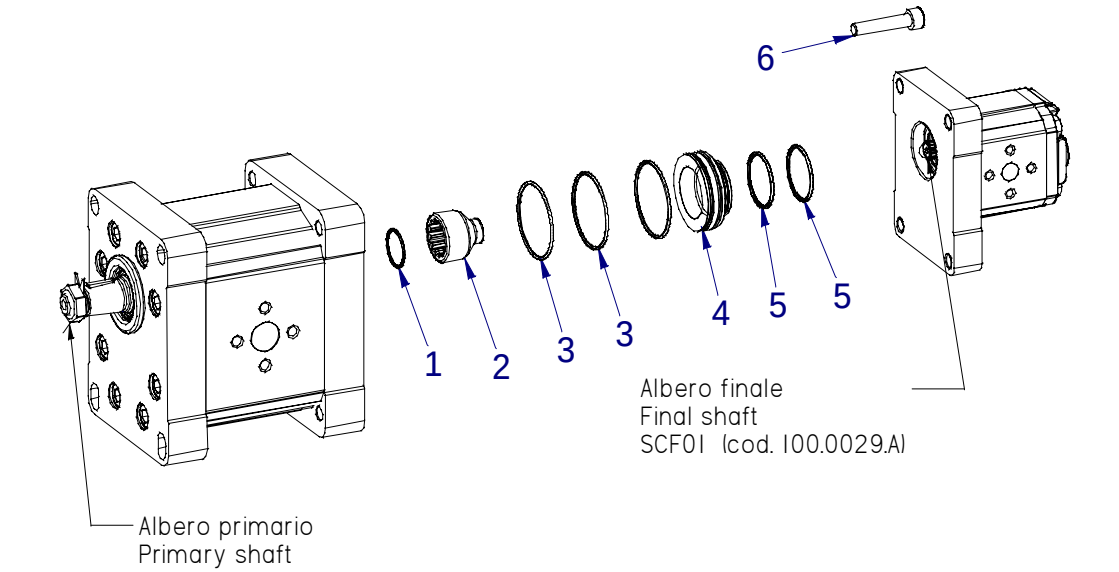
Accoppiamento– Linking (Cod.: 8KITR012) 3P + 2P

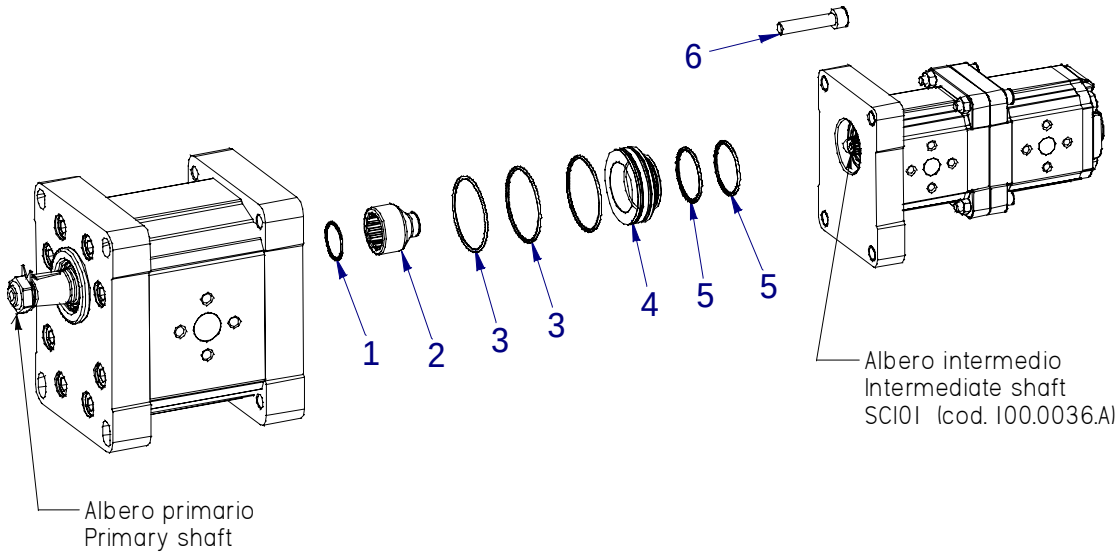




KIT ACCOPPIAMENTO XV 3P + 2P LINKING KIT XV 3P + 2P				Cod.: 8KITR012
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
1	650.0015.A	1	OR 18.72 x 2.62	OR 18.72 x 2.62
2	300.0021.A	1	Manicotto scanalato	Grooved sleeve
3	640.0085.A	3	OR 47.35 x 1.78	OR 47.35 x 1.78
4	300.0020.A	1	Anello di centraggio	Centering ring
5	640.0045.A	2	OR 33.05 x 1.78	OR 33.05 x 1.78
6	521.0008.AL25	4	Vite TCCE M8 x 25	Screw TCCE M8 x 25

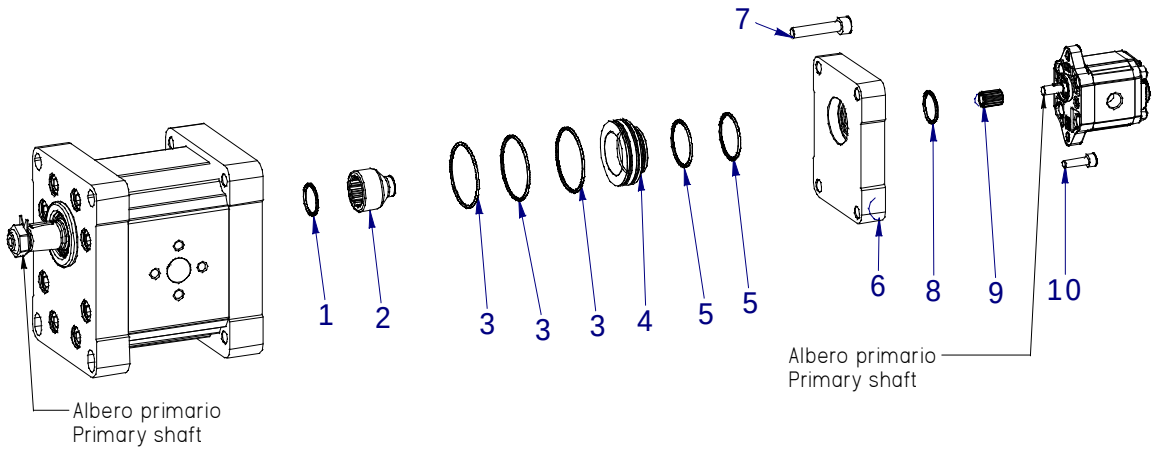
Accoppiamento – Linking (Cod.: 8KITR011) 3P + 1P

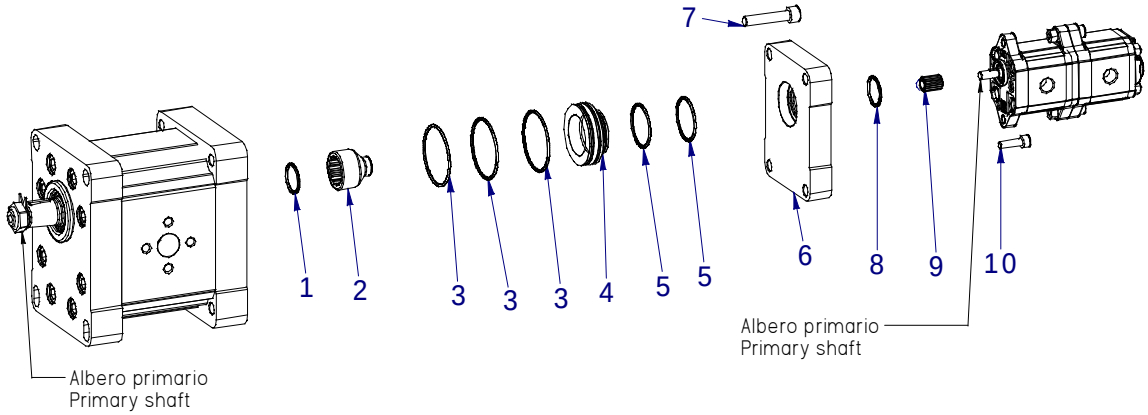




KIT ACCOPPIAMENTO XV 3P + 1P LINKING KIT XV 3P + 1P				Cod.: 8KITR011
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
1	650.0015.A	2	OR 18.72 x 2.62	OR 18.72 x 2.62
2	300.0022.A	1	Manicotto scanalato	Grooved sleeve
3	640.0085.A	3	OR 47.35 x 1.78	OR 47.35 x 1.78
4	300.0020.A	1	Anello di centraggio	Centering ring
5	640.0045.A	2	OR 33.05 x 1.78	OR 33.05 x 1.78
6	521.0008.AL35	4	Vite TCCE M8 x 35	Screw TCCE M8 x 35

Accoppiamento– Linking (Cod.: 8KITR009- 8KITR015) 3P + 0P





KIT ACCOPPIAMENTO XV 3P + 0P LINKING KIT XV 3P + 0P				Cod.: 8KITR009
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
1	650.0015.A	2	OR 18.72 x 2.62	OR 18.72 x 2.62
2	300.0022.A	1	Manicotto scanalato	Grooved sleeve
3	640.0085.A	3	OR 47.35 x 1.78	OR 47.35 x 1.78
4	300.0020.A	1	Anello di centraggio	Centering ring
5	640.0045.A	2	OR 33.05 x 1.78	OR 33.05 x 1.78
7	521.0008.AL35	4	Vite TCCE M8 x 35	Screw TCCE M8 x 35
8	640.0030.A	1	OR 21.95 x 1.78	OR 21.95 x 1.78
9	050.0040.A	1	Manicotto scanalato	Grooved sleeve
10	521.0006.AL25	2	Vite TCCE M6 x 25	Screw TCCE M6 x 25

KIT ACCOPPIAMENTO XV3P+0P con flangia di supporto LINKING KIT XV 3P+ 0P with mounting flange				Cod.: 8KITR015
Pos.	**Code**	**Qt.à**	**Descrizione**	**Description**
	8KITR009	1	KIT 3P+0P	KIT 3P+0P
6	200.0170.A	1	flangia di supporto 2P+0P	2P+0P mounting flange

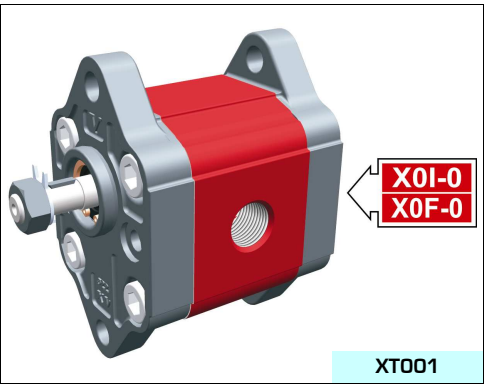
entrainment pump - series XV

STANDARD DRIVING PUMP
ø22 FLANGE - PARALLEL SHAFT

XOT

X	0	T	06	02	A	B	B	A

Series	X	series XV
Group	0	group 0
Category	T	entrainment pump
Displacement	06	0.76
Flange	02	Ø22 right rotation
Shaft	A	CIP01 - Parallel ø7 - M7x1 - key thk. 2
Body IN	B	inlet - 1/4" GAS
Body OUT	B	outlet - 1/4" GAS
Cover	A	ø22 female cover for left multiple pump element



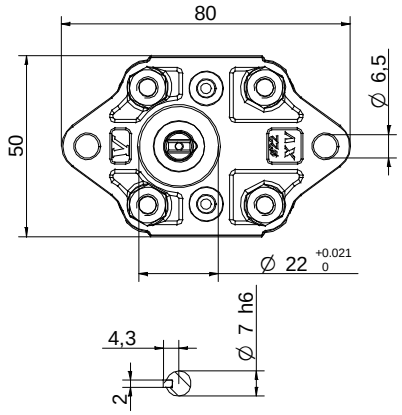
XT001

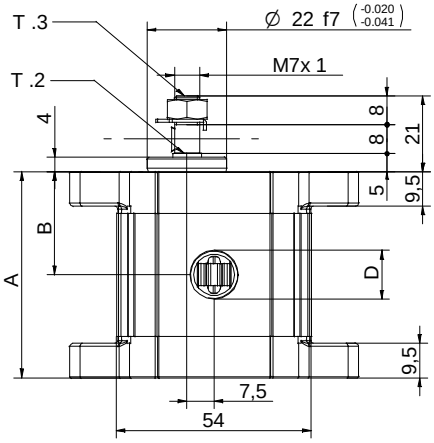
Technical data table

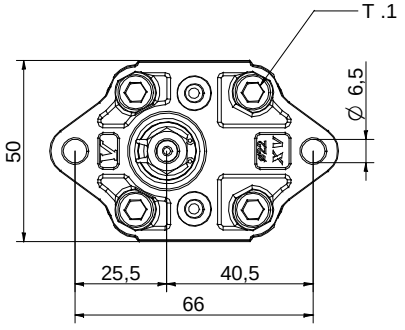
TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
X0T/0.17	0,16	220	260	X 0 T 01 01 A B B A	X 0 T 01 02 A B B A
X0T/0.25	0,24	220	260	X 0 T 02 01 A B B A	X 0 T 02 02 A B B A
X0T/0.45	0,45	220	280	X 0 T 04 01 A B B A	X 0 T 04 02 A B B A
X0T/0.57	0,56	220	280	X 0 T 05 01 A B B A	X 0 T 05 02 A B B A
X0T/0.76	0,75	220	280	X 0 T 06 01 A B B A	X 0 T 06 02 A B B A
X0T/0.98	0,92	220	280	X 0 T 07 01 A B B A	X 0 T 07 02 A B B A
X0T/1.27	1,26	220	280	X 0 T 09 01 A B B A	X 0 T 09 02 A B B A
X0T/1.52	1,48	220	280	X 0 T 11 01 A B B A	X 0 T 11 02 A B B A
X0T/2.30	2,28	190	210	X 0 T 13 01 A B B A	X 0 T 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







31/03/08 X0T0602ABBA.dft

Dimensions table

TYPE	Weight	A	B	D	D
	kg	mm	mm	IN	OUT
X0T/0.17	0,400	52,3	26,2	1/4" BSPP	1/4" BSPP
X0T/0.25	0,410	52,9	26,5	1/4" BSPP	1/4" BSPP
X0T/0.45	0,420	54,5	27,3	1/4" BSPP	1/4" BSPP
X0T/0.57	0,430	55,5	27,8	1/4" BSPP	1/4" BSPP
X0T/0.76	0,440	57,0	28,5	1/4" BSPP	1/4" BSPP
X0T/0.98	0,460	58,5	29,3	1/4" BSPP	1/4" BSPP
X0T/1.27	0,480	61,0	30,5	1/4" BSPP	1/4" BSPP
X0T/1.52	0,500	63,0	31,5	1/4" BSPP	1/4" BSPP
X0T/2.30	0,560	69,0	34,5	1/4" BSPP	1/4" BSPP

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

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

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

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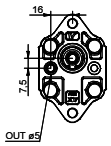
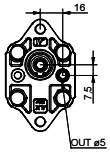
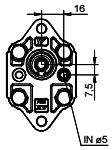
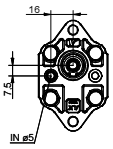
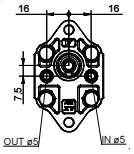
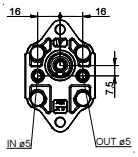
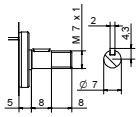
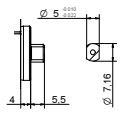
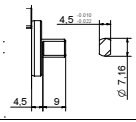
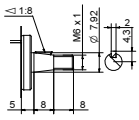
Table of variations

Standard ø22 FLANGE

XOT

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

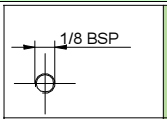
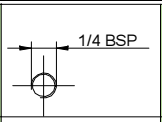
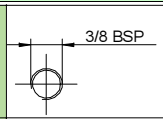
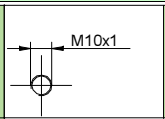
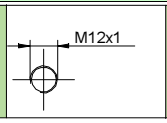
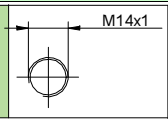
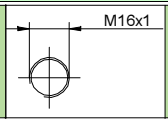
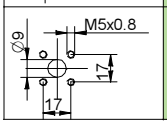
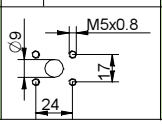
Shaft			
CIP01 - Parallel T.2 = 2.1 [Nm]	A	CFP01 - Milled shank T.2 = 9.2 [Nm]	B
			
CF005 - Milled shank T.2 = 8.4 [Nm]	F	CO001 - Tapered T.2 = 21.9 [Nm]	E
			

Cover		
Left rotation	Right rotation	
		A
		D

Displacement	
TYPE	CODE
X0T/0.17	**01**
X0T/0.25	**02**
X0T/0.45	**04**
X0T/0.57	**05**
X0T/0.76	**06**
X0T/0.98	**07**
X0T/1.27	**09**
X0T/1.52	**11**
X0T/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										

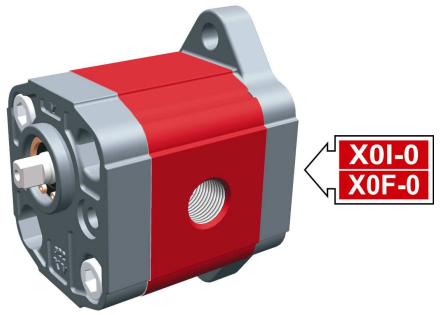
entrainment pump - series XV

XOT

"BH" DRIVING PUMP
ø22 BODY-SHAPED FLANGE - MILLED SHANK

X	0	T	06	12	B	B	B	A

Series		X	series XV
Group		0	group 0
Category		T	entrainment pump
Displacement		06	0.76
Flange		12	Ø22 BH right rotation
Shaft		B	CFP01 - Milled shank ø7 - thk.5
Body	IN	B	inlet - 1/4" GAS
	OUT	B	outlet - 1/4" GAS
Cover		A	ø22 female cover for left multiple pump element

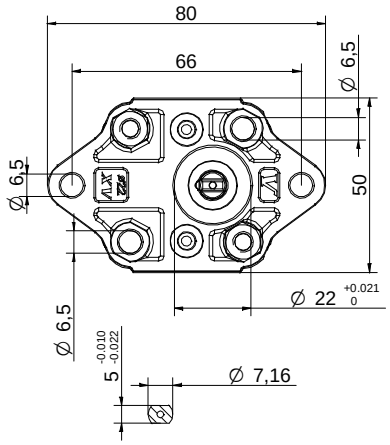


XT012

Technical data table

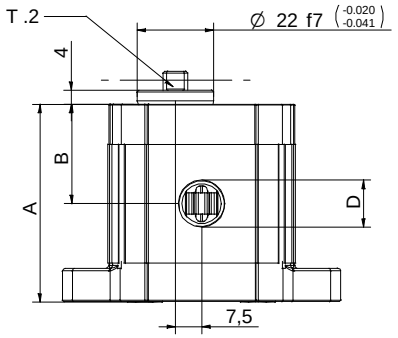
TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
X0T/0.17	0,16	220	260	X 0 T 01 11 B B B A	X 0 T 01 12 B B B A
X0T/0.25	0,24	220	260	X 0 T 02 11 B B B A	X 0 T 02 12 B B B A
X0T/0.45	0,45	220	280	X 0 T 04 11 B B B A	X 0 T 04 12 B B B A
X0T/0.57	0,56	220	280	X 0 T 05 11 B B B A	X 0 T 05 12 B B B A
X0T/0.76	0,75	220	280	X 0 T 06 11 B B B A	X 0 T 06 12 B B B A
X0T/0.98	0,92	220	280	X 0 T 07 11 B B B A	X 0 T 07 12 B B B A
X0T/1.27	1,26	220	280	X 0 T 09 11 B B B A	X 0 T 09 12 B B B A
X0T/1.52	1,48	220	280	X 0 T 11 11 B B B A	X 0 T 11 12 B B B A
X0T/2.30	2,28	190	210	X 0 T 13 11 B B B A	X 0 T 13 12 B B B A

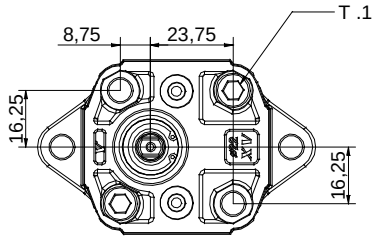
P1) Max. working pressure - P3) Max. peak pressure
For heavy-duty applications, it is recommended to check the admissible torque of the shaft



Dimensions table

TYPE	Weight	A	B	D	D
	kg	mm	mm	IN	OUT
X0T/0.17	0,400	52,3	26,2	1/4" BSPP	1/4" BSPP
X0T/0.25	0,410	52,9	26,5	1/4" BSPP	1/4" BSPP
X0T/0.45	0,420	54,5	27,3	1/4" BSPP	1/4" BSPP
X0T/0.57	0,430	55,5	27,8	1/4" BSPP	1/4" BSPP
X0T/0.76	0,440	57,0	28,5	1/4" BSPP	1/4" BSPP
X0T/0.98	0,460	58,5	29,3	1/4" BSPP	1/4" BSPP
X0T/1.27	0,480	61,0	30,5	1/4" BSPP	1/4" BSPP
X0T/1.52	0,500	63,0	31,5	1/4" BSPP	1/4" BSPP
X0T/2.30	0,560	69,0	34,5	1/4" BSPP	1/4" BSPP





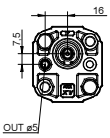
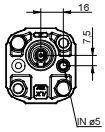
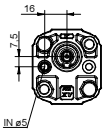
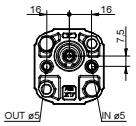
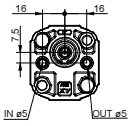
10/04/08 X0T0612BBBA.dft

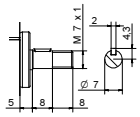
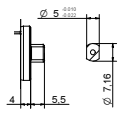
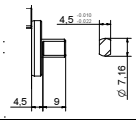
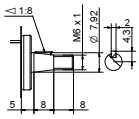
T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6
T.2 = 9.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

ø22 "BH" Body-Shaped FLANGE

XOT

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

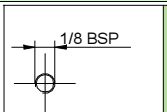
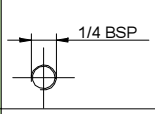
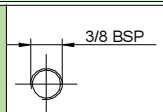
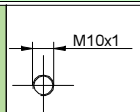
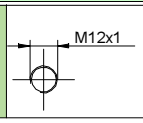
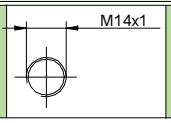
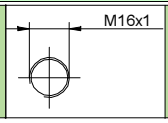
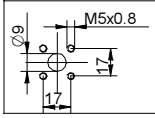
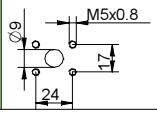
Shaft			
CIP01 - Parallel T.2 = 2.1 [Nm]	A	CFP01 - Milled shank T.2 = 9.2 [Nm]	B
			
CF005 - Milled shank T.2 = 8.4 [Nm]	F	CO001 - Tapered T.2 = 21.9 [Nm]	E
			

Cover		
Left rotation	Right rotation	
		A
		D

Displacement	
TYPE	CODE
X0T/0.17	**01**
X0T/0.25	**02**
X0T/0.45	**04**
X0T/0.57	**05**
X0T/0.76	**06**
X0T/0.98	**07**
X0T/1.27	**09**
X0T/1.52	**11**
X0T/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)															
 1/8 BSP	A	 1/4 BSP	B	 3/8 BSP	C	 M10x1	D	 M12x1	E	 M14x1	F	 M16x1	G
 M5x0.8	H	 M5x0.8	I	Closed Body	Z										

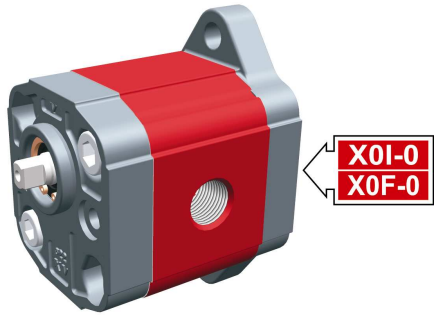
entrainment pump - series XV

XOT

"HY" DRIVING PUMP
ø22 BODY-SHAPED FLANGE - MILLED SHANK

X	0	T	06	22	B	B	B	A

Series	X	series XV
Group	0	group 0
Category	T	entrainment pump
Displacement	06	0.76
Flange	22	Ø22 HY right rotation
Shaft	B	CFP01 - Milled shank ø7 - thk.5
Body IN	B	inlet - 1/4" GAS
Body OUT	B	outlet - 1/4" GAS
Cover	A	ø22 female cover for left multiple pump element

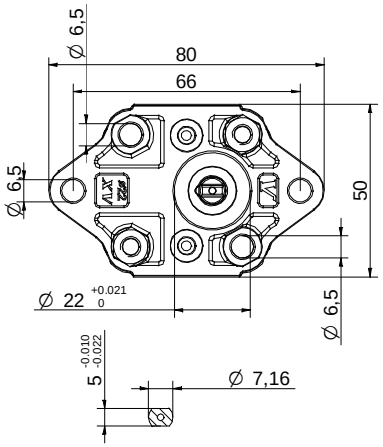


XT017

Technical data table

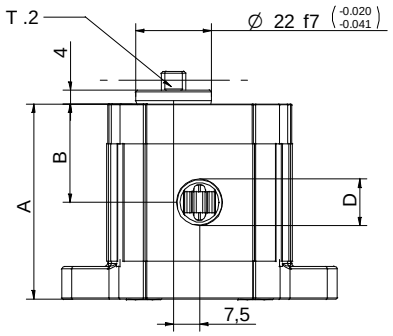
TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
X0T/0.17	0,16	220	260	X 0 T 01 21 B B B A	X 0 T 01 22 B B B A
X0T/0.25	0,24	220	260	X 0 T 02 21 B B B A	X 0 T 02 22 B B B A
X0T/0.45	0,45	220	280	X 0 T 04 21 B B B A	X 0 T 04 22 B B B A
X0T/0.57	0,56	220	280	X 0 T 05 21 B B B A	X 0 T 05 22 B B B A
X0T/0.76	0,75	220	280	X 0 T 06 21 B B B A	X 0 T 06 22 B B B A
X0T/0.98	0,92	220	280	X 0 T 07 21 B B B A	X 0 T 07 22 B B B A
X0T/1.27	1,26	220	280	X 0 T 09 21 B B B A	X 0 T 09 22 B B B A
X0T/1.52	1,48	220	280	X 0 T 11 21 B B B A	X 0 T 11 22 B B B A
X0T/2.30	2,28	190	210	X 0 T 13 21 B B B A	X 0 T 13 22 B B B A

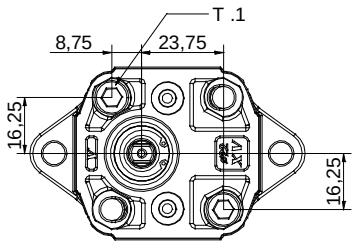
P1) Max. working pressure - P3) Max. peak pressure
For heavy-duty applications, it is recommended to check the admissible torque of the shaft



Dimensions table

TYPE	Weight	A	B	D	D
	kg	mm	mm	IN	OUT
X0T/0.17	0,400	52,3	26,2	1/4" BSPP	1/4" BSPP
X0T/0.25	0,410	52,9	26,5	1/4" BSPP	1/4" BSPP
X0T/0.45	0,420	54,5	27,3	1/4" BSPP	1/4" BSPP
X0T/0.57	0,430	55,5	27,8	1/4" BSPP	1/4" BSPP
X0T/0.76	0,440	57,0	28,5	1/4" BSPP	1/4" BSPP
X0T/0.98	0,460	58,5	29,3	1/4" BSPP	1/4" BSPP
X0T/1.27	0,480	61,0	30,5	1/4" BSPP	1/4" BSPP
X0T/1.52	0,500	63,0	31,5	1/4" BSPP	1/4" BSPP
X0T/2.30	0,560	69,0	34,5	1/4" BSPP	1/4" BSPP





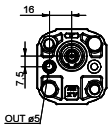
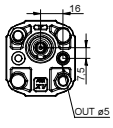
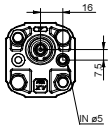
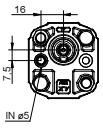
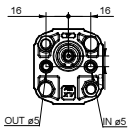
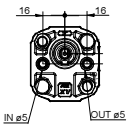
10/04/08 X0T06.22BBBA.dft

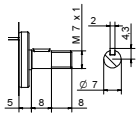
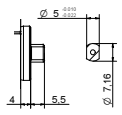
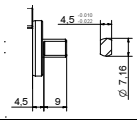
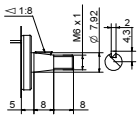
T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6
T.2 = 9.2 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

ø22 "HY" Body-Shaped FLANGE

XOT

ø22 "HY" Body-Shaped FLANGE			
Left rotation		Right rotation	
	21		22
	23		24
	25		26
	27		28

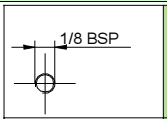
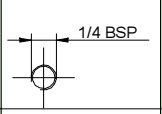
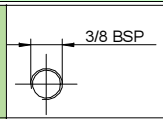
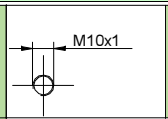
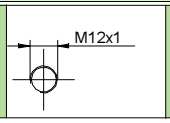
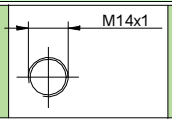
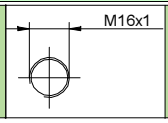
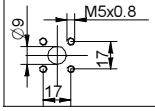
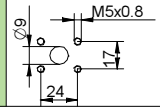
Shaft			
CIP01 - Parallel T.2 = 2.1 [Nm]	A	CFP01 - Milled shank T.2 = 9.2 [Nm]	B
			
CF005 - Milled shank T.2 = 8.4 [Nm]	F	CO001 - Tapered T.2 = 21.9 [Nm]	E
			

Cover		
Left rotation	Right rotation	
		A
		D

Displacement	
TYPE	CODE
X0T/0.17	**01**
X0T/0.25	**02**
X0T/0.45	**04**
X0T/0.57	**05**
X0T/0.76	**06**
X0T/0.98	**07**
X0T/1.27	**09**
X0T/1.52	**11**
X0T/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										

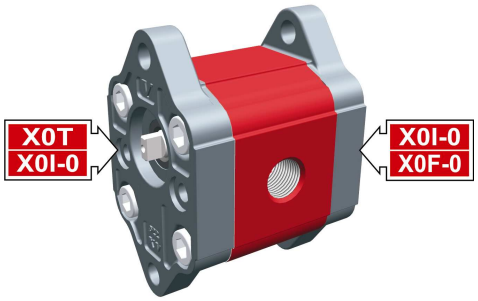
intermediate pump - series XV

STANDARD INTERMEDIATE PUMP
FEMALE ø22 FLANGE

XOI-0

X	0	I	06	22	M	B	B	A

Series	X	series XV
Group	0	group 0
Category	I	intermediate pump
Displacement	06	0.76
Flange	22	Ø22 female right rotation 0P+0P
Shaft	M	CFI01 - Intermediate - (Milled shank ø7 - thk.3)
Body IN	B	inlet - 1/4" GAS
Body OUT	B	outlet - 1/4" GAS
Cover	A	ø22 female cover for left multiple pump element



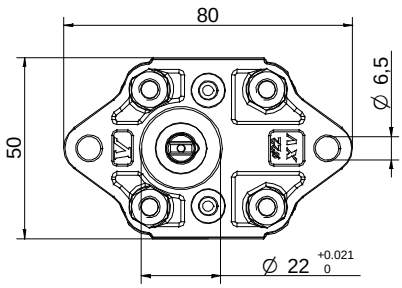
XI001

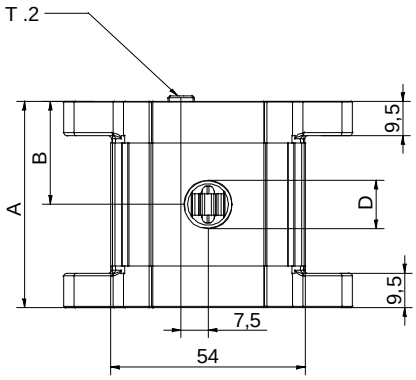
Technical data table

TYPE	Displacement	Max. Pressure		CODE															
	cm3/rev	P1 bar	P3 bar	Left rotation									Right rotation						
XOI-0/0.17	0,16	220	260	X	0	I	01	21	M	B	B	A	X	0	I	01	22	M	B	B	A
XOI-0/0.25	0,24	220	260	X	0	I	02	21	M	B	B	A	X	0	I	02	22	M	B	B	A
XOI-0/0.45	0,45	220	280	X	0	I	04	21	M	B	B	A	X	0	I	04	22	M	B	B	A
XOI-0/0.57	0,56	220	280	X	0	I	05	21	M	B	B	A	X	0	I	05	22	M	B	B	A
XOI-0/0.76	0,75	220	280	X	0	I	06	21	M	B	B	A	X	0	I	06	22	M	B	B	A
XOI-0/0.98	0,92	220	280	X	0	I	07	21	M	B	B	A	X	0	I	07	22	M	B	B	A
XOI-0/1.27	1,26	220	280	X	0	I	09	21	M	B	B	A	X	0	I	09	22	M	B	B	A
XOI-0/1.52	1,48	220	280	X	0	I	11	21	M	B	B	A	X	0	I	11	22	M	B	B	A
XOI-0/2.30	2,28	190	210	X	0	I	13	21	M	B	B	A	X	0	I	13	22	M	B	B	A

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

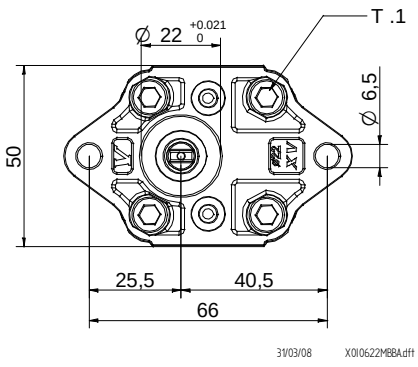
For heavy-duty applications, it is recommended to check the admissible torque of the shaft





Dimensions table

TYPE	Weight	A	B	D	D
	kg	mm	mm	IN	OUT
XOI-0/0.17	0,400	52,3	26,2	1/4" BSPP	1/4" BSPP
XOI-0/0.25	0,410	52,9	26,5	1/4" BSPP	1/4" BSPP
XOI-0/0.45	0,420	54,5	27,3	1/4" BSPP	1/4" BSPP
XOI-0/0.57	0,430	55,5	27,8	1/4" BSPP	1/4" BSPP
XOI-0/0.76	0,440	57,0	28,5	1/4" BSPP	1/4" BSPP
XOI-0/0.98	0,460	58,5	29,3	1/4" BSPP	1/4" BSPP
XOI-0/1.27	0,480	61,0	30,5	1/4" BSPP	1/4" BSPP
XOI-0/1.52	0,500	63,0	31,5	1/4" BSPP	1/4" BSPP
XOI-0/2.30	0,560	69,0	34,5	1/4" BSPP	1/4" BSPP



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

T.2 = 3.7 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

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Table of variations

Standard female ø22 FLANGE

XOI-0

Standard female ø22 FLANGE			
Left rotation		Right rotation	
	21		22

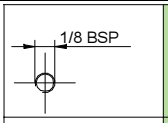
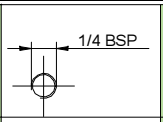
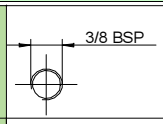
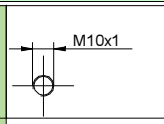
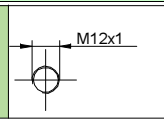
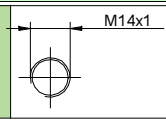
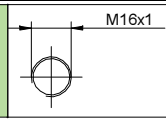
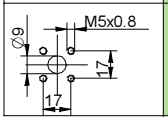
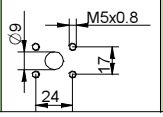
Shaft	
CFI01 - Milled shank T.2 = 3.7 [Nm]	M

Cover		
Left rotation	Right rotation	
		A
		D

Displacement	
TYPE	CODE
X0I-0/0.17	**01**
X0I-0/0.25	**02**
X0I-0/0.45	**04**
X0I-0/0.57	**05**
X0I-0/0.76	**06**
X0I-0/0.98	**07**
X0I-0/1.27	**09**
X0I-0/1.52	**11**
X0I-0/2.30	**13**

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

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										

intermediate pump - series XV

SHAPED INTERMEDIATE PUMP
SHAPED FEMALE ø22 FLANGE

XOI-0

X	0	I	06	24	M	B	B	D

Series	X	series XV
Group	0	group 0
Category	I	intermediate pump
Displacement	06	0.76
Flange	24	Ø22 body-shaped female right rotation 0P+0P
Shaft	M	CFI01 - Intermediate - (Milled shank ø7 - thk.3)
Body IN	B	inlet - 1/4" GAS
Body OUT	B	outlet - 1/4" GAS
Cover	D	ø22 female cover for left multiple pump element

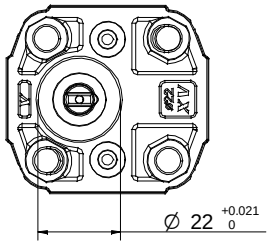
XI002

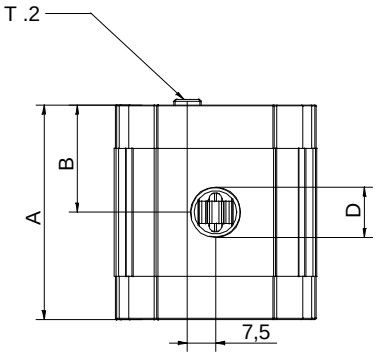
Technical data table

TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
XOI-0/0.17	0,16	220	260	X 0 I 01 23 M B B A	X 0 I 01 24 M B B A
XOI-0/0.25	0,24	220	260	X 0 I 02 23 M B B A	X 0 I 02 24 M B B A
XOI-0/0.45	0,45	220	280	X 0 I 04 23 M B B A	X 0 I 04 24 M B B A
XOI-0/0.57	0,56	220	280	X 0 I 05 23 M B B A	X 0 I 05 24 M B B A
XOI-0/0.76	0,75	220	280	X 0 I 06 23 M B B A	X 0 I 06 24 M B B A
XOI-0/0.98	0,92	220	280	X 0 I 07 23 M B B A	X 0 I 07 24 M B B A
XOI-0/1.27	1,26	220	280	X 0 I 09 23 M B B A	X 0 I 09 24 M B B A
XOI-0/1.52	1,48	220	280	X 0 I 11 23 M B B A	X 0 I 11 24 M B B A
XOI-0/2.30	2,28	190	210	X 0 I 13 23 M B B A	X 0 I 13 24 M B B A

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

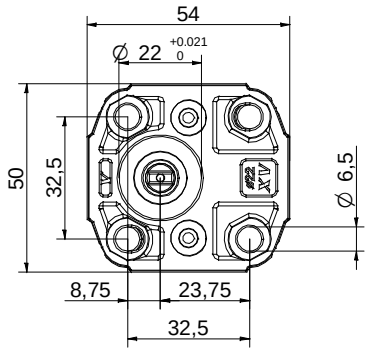
For heavy-duty applications, it is recommended to check the admissible torque of the shaft





Dimensions table

TYPE	Weight	A	B	D	D
	kg	mm	mm	IN	OUT
XOI-0/0.17	0,400	52,3	26,2	1/4" BSPP	1/4" BSPP
XOI-0/0.25	0,410	52,9	26,5	1/4" BSPP	1/4" BSPP
XOI-0/0.45	0,420	54,5	27,3	1/4" BSPP	1/4" BSPP
XOI-0/0.57	0,430	55,5	27,8	1/4" BSPP	1/4" BSPP
XOI-0/0.76	0,440	57,0	28,5	1/4" BSPP	1/4" BSPP
XOI-0/0.98	0,460	58,5	29,3	1/4" BSPP	1/4" BSPP
XOI-0/1.27	0,480	61,0	30,5	1/4" BSPP	1/4" BSPP
XOI-0/1.52	0,500	63,0	31,5	1/4" BSPP	1/4" BSPP
XOI-0/2.30	0,560	69,0	34,5	1/4" BSPP	1/4" BSPP



01/04/08 XOI0624MBBD.dft

T.2 = 3.7 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

Shaped female ø22 FLANGE

X0I-0

Shaped female ø22 FLANGE			
Left rotation		Right rotation	
	23		24

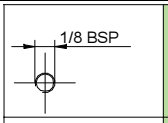
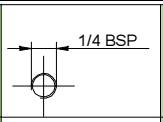
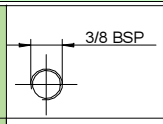
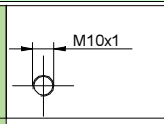
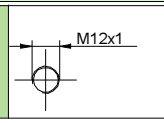
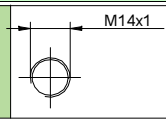
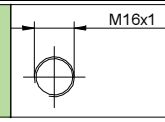
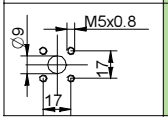
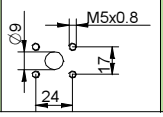
Shaft	
CFI01 - Milled shank T.2 = 3.7 [Nm]	M

Cover		
Left rotation	Right rotation	
		A
		D

Displacement	
TYPE	CODE
X0I-0/0.17	**01**
X0I-0/0.25	**02**
X0I-0/0.45	**04**
X0I-0/0.57	**05**
X0I-0/0.76	**06**
X0I-0/0.98	**07**
X0I-0/1.27	**09**
X0I-0/1.52	**11**
X0I-0/2.30	**13**

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

Table showing standard flange and thread combinations available in stock

Body (threads/flanges)																			
 1/8 BSP	A	 1/4 BSP	B	 3/8 BSP	C	 M10x1	D	 M12x1	E	 M14x1	F	 M16x1	G						
 M5x0.8	H	 M5x0.8	I	Closed Body	Z														

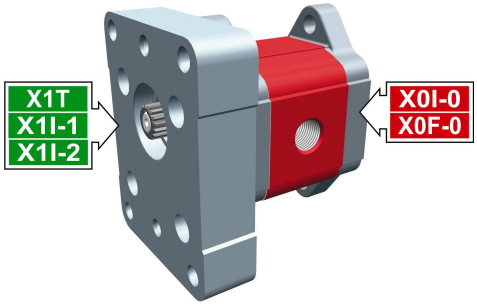
intermediate pump - series XV

INTERMEDIATE PUMP TO BE COUPLED WITH XV1
FEMALE ø25,4 FLANGE

X0I-1

X	0	I	06	32	A	B	B	A

Series	X	series XV
Group	0	group 0
Category	I	intermediate pump
Displacement	06	0.76
Flange	32	Ø25.4 female right rotation 1P+0P
Shaft	A	CIP01 - Intermediate for 1+0 - 2+0 (Parallel ø7 - M7x1 - key thk. 2)
Body IN	B	inlet - 1/4" GAS
Body OUT	B	outlet - 1/4" GAS
Cover	A	ø22 female cover for left multiple pump element



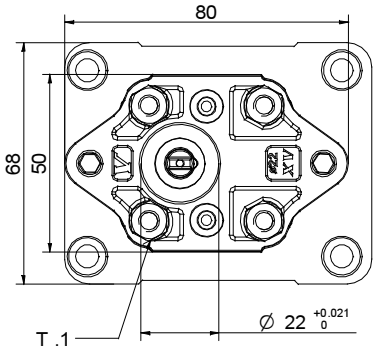
XI003

Technical data table

TYPE	Displacement	Max. Pressure		CODE															
	cm3/rev	P1 bar	P3 bar	Left rotation								Right rotation							
X0I-1/0.17	0,16	220	260	X	0	I	01	31	A	B	B	A	X	0	I	01	32	A	B	B	A
X0I-1/0.25	0,24	220	260	X	0	I	02	31	A	B	B	A	X	0	I	02	32	A	B	B	A
X0I-1/0.45	0,45	220	280	X	0	I	04	31	A	B	B	A	X	0	I	04	32	A	B	B	A
X0I-1/0.57	0,56	220	280	X	0	I	05	31	A	B	B	A	X	0	I	05	32	A	B	B	A
X0I-1/0.76	0,75	220	280	X	0	I	06	31	A	B	B	A	X	0	I	06	32	A	B	B	A
X0I-1/0.98	0,92	220	280	X	0	I	07	31	A	B	B	A	X	0	I	07	32	A	B	B	A
X0I-1/1.27	1,26	220	280	X	0	I	09	31	A	B	B	A	X	0	I	09	32	A	B	B	A
X0I-1/1.52	1,48	220	280	X	0	I	11	31	A	B	B	A	X	0	I	11	32	A	B	B	A
X0I-1/2.30	2,28	190	210	X	0	I	13	31	A	B	B	A	X	0	I	13	32	A	B	B	A

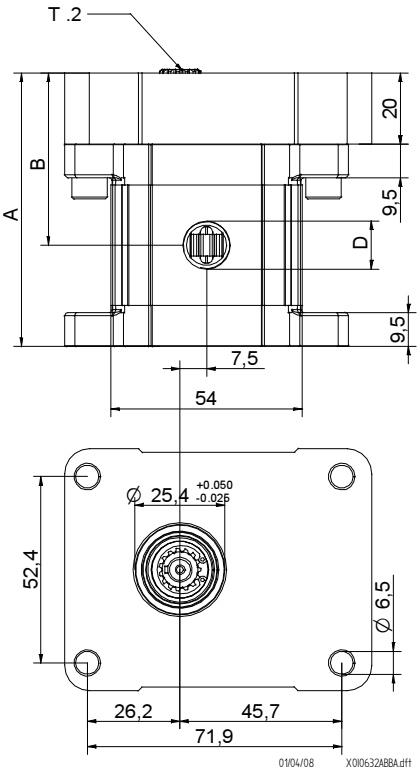
P1) Max. working pressure - P3) Max. peak pressure

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



Dimensions table

TYPE	Weight	A	B	D	D
	kg	mm	mm	IN	OUT
X0I-1/0.17	0,400	72,3	46,2	1/4" BSPP	1/4" BSPP
X0I-1/0.25	0,410	72,9	46,5	1/4" BSPP	1/4" BSPP
X0I-1/0.45	0,420	74,5	47,3	1/4" BSPP	1/4" BSPP
X0I-1/0.57	0,430	75,5	47,8	1/4" BSPP	1/4" BSPP
X0I-1/0.76	0,440	77,0	48,5	1/4" BSPP	1/4" BSPP
X0I-1/0.98	0,460	78,5	49,3	1/4" BSPP	1/4" BSPP
X0I-1/1.27	0,480	81,0	50,5	1/4" BSPP	1/4" BSPP
X0I-1/1.52	0,500	83,0	51,5	1/4" BSPP	1/4" BSPP
X0I-1/2.30	0,560	89,0	54,5	1/4" BSPP	1/4" BSPP



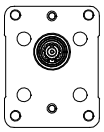
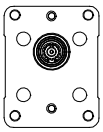
T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6

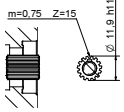
T.2 = 2.1 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

Female ø25,4 FLANGE

X0I-1

Female ø25,4 FLANGE			
Left rotation		Right rotation	
	31		32

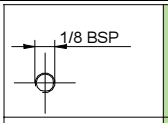
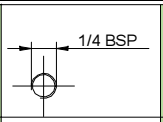
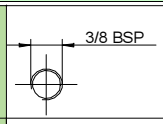
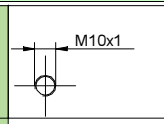
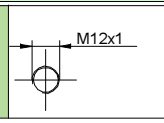
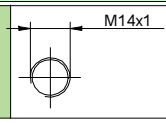
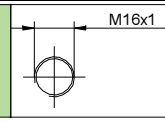
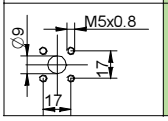
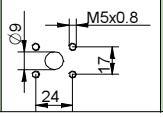
Shaft	
CIP01 - Parallel T.2 = 2.1 [Nm] 	A

Cover		
Left rotation	Right rotation	
		A
		D

Displacement	
TYPE	CODE
X0I-1/0.17	**01**
X0I-1/0.25	**02**
X0I-1/0.45	**04**
X0I-1/0.57	**05**
X0I-1/0.76	**06**
X0I-1/0.98	**07**
X0I-1/1.27	**09**
X0I-1/1.52	**11**
X0I-1/2.30	**13**

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

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														

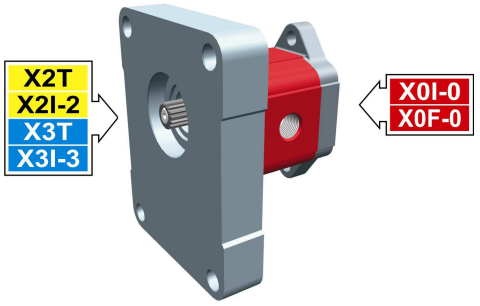
intermediate pump - series XV

INTERMEDIATE PUMP TO BE COUPLED WITH XV2
FEMALE ø36,5 FLANGE

X0I-2

X	0	I	06	42	A	B	B	A

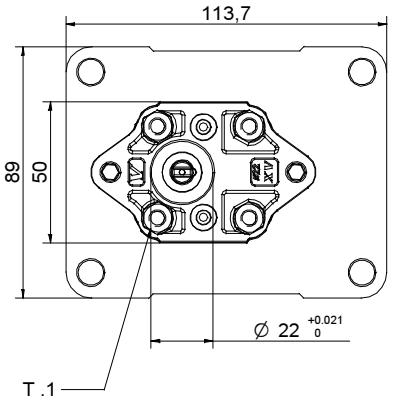
Series	X	series XV
Group	0	group 0
Category	I	intermediate pump
Displacement	06	0.76
Flange	42	Ø36.5 female right rotation 2P+0P, 3P+0P
Shaft	A	CIP01 - Intermediate for 1+0 - 2+0 (Parallel ø7 - M7x1 - key thk. 2)
Body IN	B	inlet - 1/4" GAS
Body OUT	B	outlet - 1/4" GAS
Cover	A	ø22 female cover for left multiple pump element



XI004

Technical data table

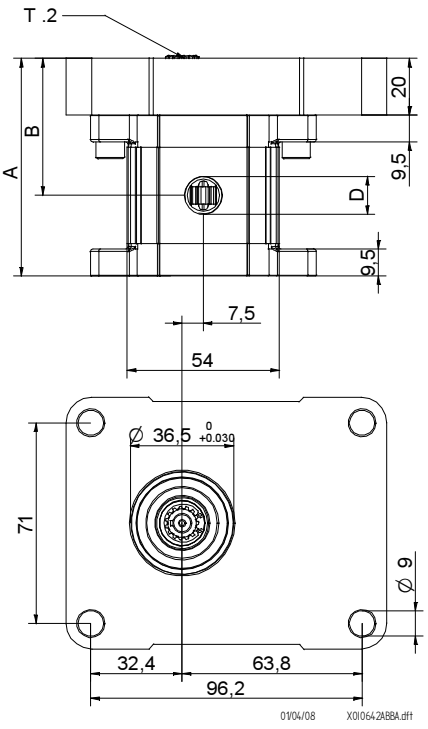
TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
X0I-2/0.17	0,16	220	260	X 0 I 01 41 A B B A	X 0 I 01 42 A B B A
X0I-2/0.25	0,24	220	260	X 0 I 02 41 A B B A	X 0 I 02 42 A B B A
X0I-2/0.45	0,45	220	280	X 0 I 04 41 A B B A	X 0 I 04 42 A B B A
X0I-2/0.57	0,56	220	280	X 0 I 05 41 A B B A	X 0 I 05 42 A B B A
X0I-2/0.76	0,75	220	280	X 0 I 06 41 A B B A	X 0 I 06 42 A B B A
X0I-2/0.98	0,92	220	280	X 0 I 07 41 A B B A	X 0 I 07 42 A B B A
X0I-2/1.27	1,26	220	280	X 0 I 09 41 A B B A	X 0 I 09 42 A B B A
X0I-2/1.52	1,48	220	280	X 0 I 11 41 A B B A	X 0 I 11 42 A B B A
X0I-2/2.30	2,28	190	210	X 0 I 13 41 A B B A	X 0 I 13 42 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	A	B	D	D
	kg	mm	mm	IN	OUT
X0I-2/0.17	0,400	72,3	46,2	1/4" BSPP	1/4" BSPP
X0I-2/0.25	0,410	72,9	46,5	1/4" BSPP	1/4" BSPP
X0I-2/0.45	0,420	74,5	47,3	1/4" BSPP	1/4" BSPP
X0I-2/0.57	0,430	75,5	47,8	1/4" BSPP	1/4" BSPP
X0I-2/0.76	0,440	77,0	48,5	1/4" BSPP	1/4" BSPP
X0I-2/0.98	0,460	78,5	49,3	1/4" BSPP	1/4" BSPP
X0I-2/1.27	0,480	81,0	50,5	1/4" BSPP	1/4" BSPP
X0I-2/1.52	0,500	83,0	51,5	1/4" BSPP	1/4" BSPP
X0I-2/2.30	0,560	89,0	54,5	1/4" BSPP	1/4" BSPP

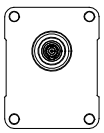
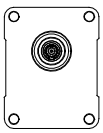


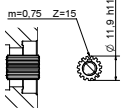
T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6
T.2 = 2.1 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

Table of variations

Female ø36.5 FLANGE

X0I-2

Female ø36.5 FLANGE			
Left rotation		Right rotation	
	41		42

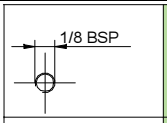
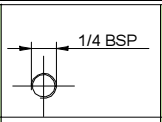
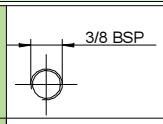
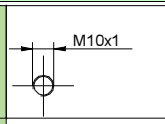
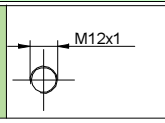
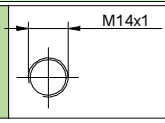
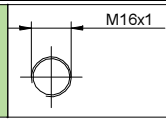
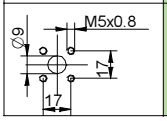
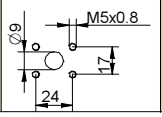
Shaft	
CIP01 - Parallel T.2 = 2.1 [Nm] 	A

Cover		
Left rotation	Right rotation	
		A
		D

Displacement	
TYPE	CODE
X0I-2/0.17	**01**
X0I-2/0.25	**02**
X0I-2/0.45	**04**
X0I-2/0.57	**05**
X0I-2/0.76	**06**
X0I-2/0.98	**07**
X0I-2/1.27	**09**
X0I-2/1.52	**11**
X0I-2/2.30	**13**

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

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										

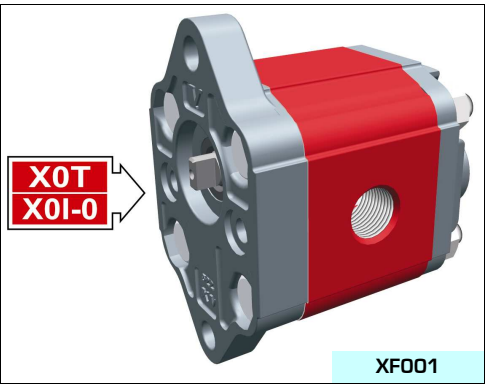
final pump - series XV

STANDARD FINAL PUMP
FEMALE ø22 FLANGE

XOF-0

X	0	F	06	22	N	B	B	A

Series		X	series XV
Group		0	group 0
Category		F	final pump
Displacement		06	0.76
Flange		22	Ø22 female right rotation 0P+0P
Shaft		N	CFF01 - Final - Milled shank ø7.16 - thk.3
Body	IN	B	inlet - 1/4" GAS
	OUT	B	outlet - 1/4" GAS
Cover		A	standard

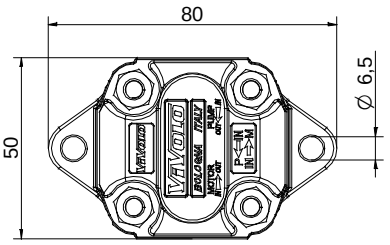


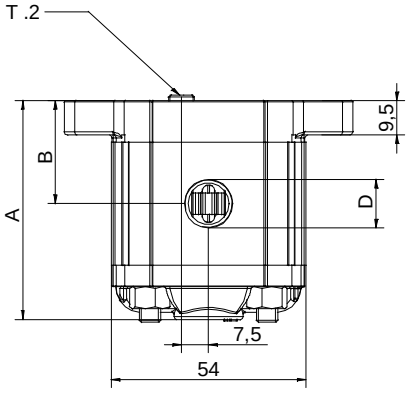
XF001

Technical data table

TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
X0F-0/0.17	0,16	220	260	X 0 F 01 21 N B B A	X 0 F 01 22 N B B A
X0F-0/0.25	0,24	220	260	X 0 F 02 21 N B B A	X 0 F 02 22 N B B A
X0F-0/0.45	0,45	220	280	X 0 F 04 21 N B B A	X 0 F 04 22 N B B A
X0F-0/0.57	0,56	220	280	X 0 F 05 21 N B B A	X 0 F 05 22 N B B A
X0F-0/0.76	0,75	220	280	X 0 F 06 21 N B B A	X 0 F 06 22 N B B A
X0F-0/0.98	0,92	220	280	X 0 F 07 21 N B B A	X 0 F 07 22 N B B A
X0F-0/1.27	1,26	220	280	X 0 F 09 21 N B B A	X 0 F 09 22 N B B A
X0F-0/1.52	1,48	220	280	X 0 F 11 21 N B B A	X 0 F 11 22 N B B A
X0F-0/2.30	2,28	190	210	X 0 F 13 21 N B B A	X 0 F 13 22 N B B A

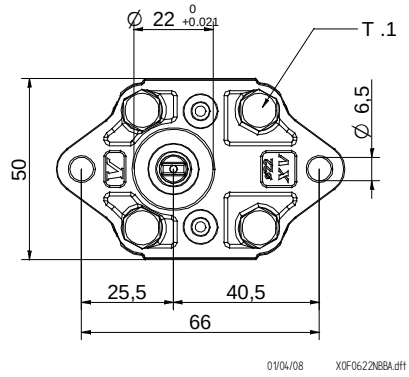
P1) Max. working pressure - P3) Max. peak pressure
For heavy-duty applications, it is recommended to check the admissible torque of the shaft





Dimensions table

TYPE	Weight	A	B	D	D
	kg	mm	mm	IN	OUT
X0F-0/0.17	0,400	55,8	26,2	1/4" BSPP	1/4" BSPP
X0F-0/0.25	0,410	56,4	26,5	1/4" BSPP	1/4" BSPP
X0F-0/0.45	0,420	58,0	27,3	1/4" BSPP	1/4" BSPP
X0F-0/0.57	0,430	59,0	27,8	1/4" BSPP	1/4" BSPP
X0F-0/0.76	0,440	60,5	28,5	1/4" BSPP	1/4" BSPP
X0F-0/0.98	0,460	62,0	29,3	1/4" BSPP	1/4" BSPP
X0F-0/1.27	0,480	64,5	30,5	1/4" BSPP	1/4" BSPP
X0F-0/1.52	0,500	66,5	31,5	1/4" BSPP	1/4" BSPP
X0F-0/2.30	0,560	72,5	34,5	1/4" BSPP	1/4" BSPP



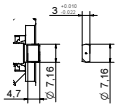
T.1 = 11.7÷13.7 [Nm] - screw tightening torque M6
T.2 = 3.7 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

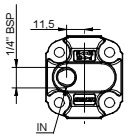
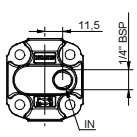
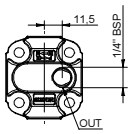
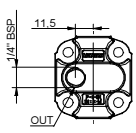
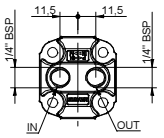
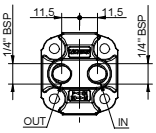
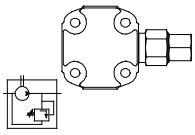
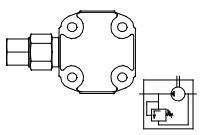
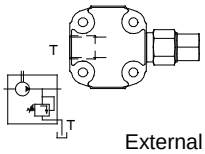
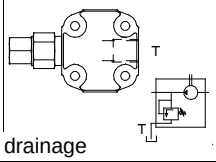
Table of variations

Standard female ø22 FLANGE

XOF-0

Standard female ø22 FLANGE			
Left rotation		Right rotation	
	21		22

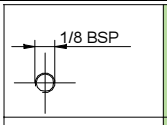
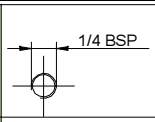
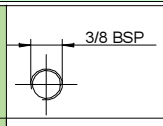
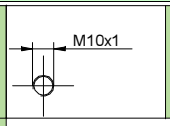
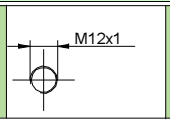
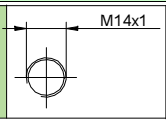
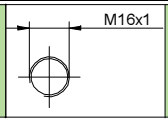
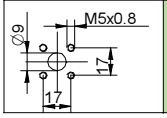
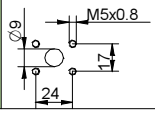
Shaft		
CFF01 - Milled shank T.2 = 3.7 [Nm]		N

Cover		
Left rotation	Right rotation	
		A
		B
		C
		D
 Internal drainage		N
 External drainage		O

Displacement	
TYPE	CODE
X0F-0/0.17	**01**
X0F-0/0.25	**02**
X0F-0/0.45	**04**
X0F-0/0.57	**05**
X0F-0/0.76	**06**
X0F-0/0.98	**07**
X0F-0/1.27	**09**
X0F-0/1.52	**11**
X0F-0/2.30	**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										

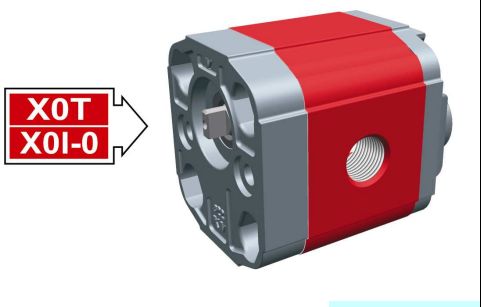
final pump - series XV

SHAPED FINAL PUMP
SHAPED FEMALE ø22 FLANGE

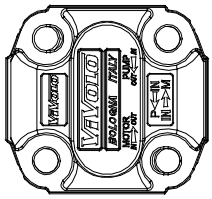
X0F-0

X	0	F	06	24	N	B	B	A

Series		X	series XV
Group		0	group 0
Category		F	final pump
Displacement		06	0.76
Flange		24	Ø22 body-shaped female right rotation 0P+0P
Shaft		N	CFF01 - Final - Milled shank ø7.16 - thk.3
Body	IN	B	inlet - 1/4" GAS
	OUT	B	outlet - 1/4" GAS
Cover		A	standard



XF002

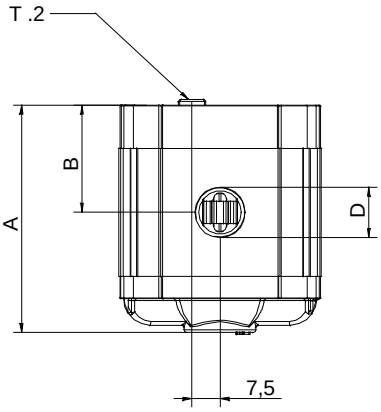


Technical data table

TYPE	Displacement	Max. Pressure		CODE	
	cm3/rev	P1 bar	P3 bar	Left rotation	Right rotation
X0F-0/0.17	0,16	220	260	X 0 F 01 23 N B B A	X 0 F 01 24 N B B A
X0F-0/0.25	0,24	220	260	X 0 F 02 23 N B B A	X 0 F 02 24 N B B A
X0F-0/0.45	0,45	220	280	X 0 F 04 23 N B B A	X 0 F 04 24 N B B A
X0F-0/0.57	0,56	220	280	X 0 F 05 23 N B B A	X 0 F 05 24 N B B A
X0F-0/0.76	0,75	220	280	X 0 F 06 23 N B B A	X 0 F 06 24 N B B A
X0F-0/0.98	0,92	220	280	X 0 F 07 23 N B B A	X 0 F 07 24 N B B A
X0F-0/1.27	1,26	220	280	X 0 F 09 23 N B B A	X 0 F 09 24 N B B A
X0F-0/1.52	1,48	220	280	X 0 F 11 23 N B B A	X 0 F 11 24 N B B A
X0F-0/2.30	2,28	190	210	X 0 F 13 23 N B B A	X 0 F 13 24 N B B A

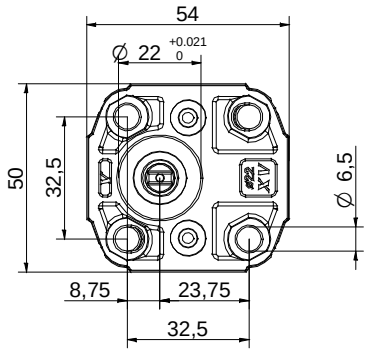
P1) Max. working pressure - P3) Max. peak pressure

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



Dimensions table

TYPE	Weight	A	B	D	D
	kg	mm	mm	IN	OUT
X0F-0/0.17	0,400	55,8	26,2	1/4" BSPP	1/4" BSPP
X0F-0/0.25	0,410	56,4	26,5	1/4" BSPP	1/4" BSPP
X0F-0/0.45	0,420	58,0	27,3	1/4" BSPP	1/4" BSPP
X0F-0/0.57	0,430	59,0	27,8	1/4" BSPP	1/4" BSPP
X0F-0/0.76	0,440	60,5	28,5	1/4" BSPP	1/4" BSPP
X0F-0/0.98	0,460	62,0	29,3	1/4" BSPP	1/4" BSPP
X0F-0/1.27	0,480	64,5	30,5	1/4" BSPP	1/4" BSPP
X0F-0/1.52	0,500	66,5	31,5	1/4" BSPP	1/4" BSPP
X0F-0/2.30	0,560	72,5	34,5	1/4" BSPP	1/4" BSPP



1/04/08 X0F0624NBBA.dft

T.2 = 3.7 [Nm] - admissible shaft torque (N.B. When choosing a shaft, always check the admissible torque).

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SAMT HYDRAULICS