POWER PACKS



VINCKE

HYDRAULIC POWER PACK

Vincke is fully dedicated to hydraulic power pack components and system design, combining continuous research, development, and innovation with a strong focus on quality, efficiency, and customer responsiveness. We develop custom-made solutions, tailored to the specific requirements of each application.

Our organization is built around agile manufacturing processes and supported by automated warehouses, enabling fast response times, optimized logistics, and consistent product availability. Thanks to this flexibility, we are able to manufacture pre-series within 24–48 hours, supporting our customers from early design validation through to series production.

Vincke is highly competitive both in low-volume production and in scheduled series, always maintaining high technical standards, precision, and cost efficiency. Our production and quality management system is ISO 9001 certified, ensuring reliable processes and consistent quality across all projects.

Our workshop features 1,500 m^2 dedicated exclusively to production and is equipped with the necessary testing and validation equipment to guarantee the reliability and performance of every product we manufacture. With strong know-how in hydraulic components as well as system and application design, Vincke offers a flexible supply policy: from loose components to kits, or fully assembled and tested power packs.

Through innovation, technical expertise, and close collaboration with our customers, we deliver dependable, efficient, and high-quality hydraulic solutions.

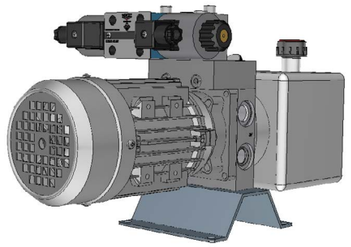
GENERAL APPLICATION

Installation position	No specific limitation, provided that the suction filters is correctly positioned.
Ambient Temperature	-15 ºC to +50 ºC
Hydraulic oil	Hydraulic oil, either mineral or synthetic based, compliant with ISO 6743/4 or DIN 51519. Viscosity range: 15-100mm2/s according to ISO 3448 (recommended viscosity: 22-46mm2/s)
Oil temperature	-10ºC to + 70ºC
Contamination level	Oil cleanlines must exceed class 18/4 according to ISO 4406.
First Start	1. Secure the power unit using the mounting legs (9) or the motor brackets to the intended application, ensuring it is firmly fixed and vibrations are minimized as much as possible. 2. Connect the power unit to the system using either flexible or rigid connections, making sure not to force any components and respecting their nominal dimensions. 3. Fill the unit's tank with hydraulic oil through the filler cap (4). 4. Adjust the relief valve (6) by loosening the lock nut and turning the adjustment screw counterclockwise until it can be moved smoothly by hand (do not fully unscrew it). 5. Open the pressure gauge valve (13) by gently turning the knob counterclockwise. 6. Connect the electric motor (2) to the voltage and current specified on its nameplate. This task must be carried out by qualified personnel in accordance with applicable safety regulations. 7. Briefly power the motor to verify that its rotation direction matches the arrow indicated on the motor housing. Incorrect rotation may damage the pump seal or the pump itself and affect proper operation. • Once the correct rotation has been confirmed, start the unit and operate the valves as required. Adjust the maximum pressure screw (6) until the pressure gauge shows the desired working pressure. • Repeatedly actuate valves (12 or 14) to remove air from the hydraulic circuit. • With the motor switched off, check the oil level and top it up if necessary to the tank's maximum capacity. For filling or level checking, the cylinders must be fully retracted.

HYDRAULIC POWER PACK FAMILIES

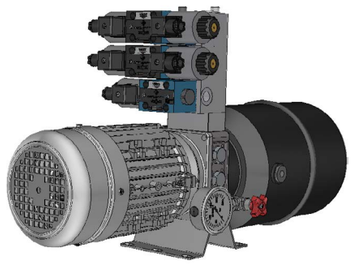
AC & DC MICRO HYDRAULIC POWER PACK

- Hightly compact
- Flow: 0.19cc to 2cc
- Pressure up to 250 bar
- DC motors up to 2.2kW
- AC motors up to frame 80
- Single & double acting & reversible circuits



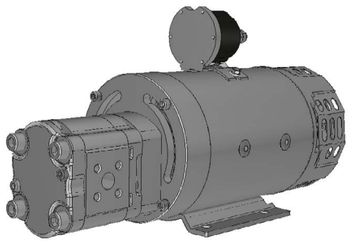
AC & DC COMPACT HYDRAULIC POWER PACK

- 0.8 to 13cc
- Low pressure drop
- Pressure up to 250 bar
- DC motors up to 4 kW
- AC motors up to 5.5kW
- Single & double acting



DC ELECTROPUMPS

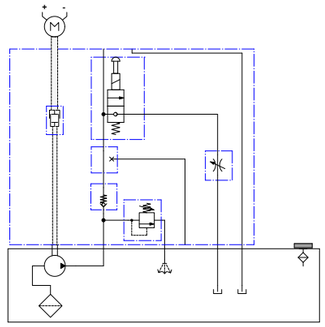
- 0.5 ~ 4 kW, 12V e 24V 48 DC motors (same used in Compact and Micro power packs)
- Forced ventilation for high cycle times
- 0.19 ~ 12cc/rev gear pumps (same used in Compact and Micro power packs. Available also lateral ports pumps)
- Option: starter switch, therminal protection, foot mounting support
- AC8 0.12 ~ 5.5 kW



INDEX

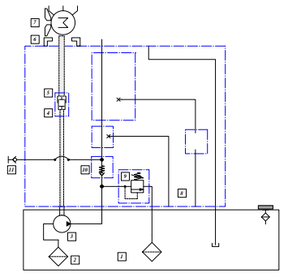
HOW TO ORDER 11
CENTRAL MANIFOLD, GROUPS K0 K1 18
GEAR PUMPS 23
TANKS 29
ELECTRIC MOTORS 37
PLUGS BODY CENTRAL, GROUPS K0 K1 42
CHECK VALVES, GROUPS K0 K1 43
RELIEF VALVES, GROUPS K0 K1 44
FLOW REGULATORS, GROUPS K0 K1 45
PILOTED VALVES 3/4" UNF 49
MANUAL VALVES 50
SOLENOID 2/2 51
COILS, GROUPS K0 K1 55
FILTERS, GROUPS K0 K1 57
COUPLINGS 59
COUPLING PULLEY 61
MANIFOLDS 71
NECK FOR TANKS 75
FIXING SUPPORT, GROUPS K0 K1 76
REMOTE CONTROL 77
MOTOR PUMPS 80

PALLETS TRUCKS



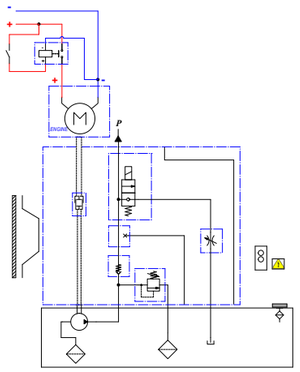


TIPPING CONTAINER



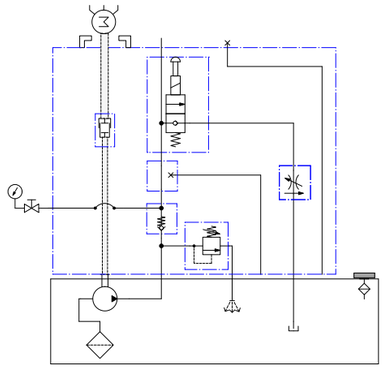


DUMP TRAILER



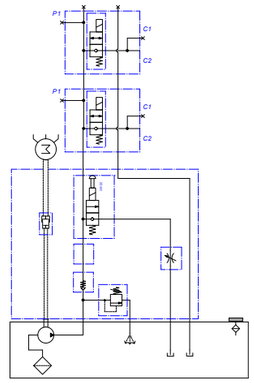


LIFTING PLATFORM



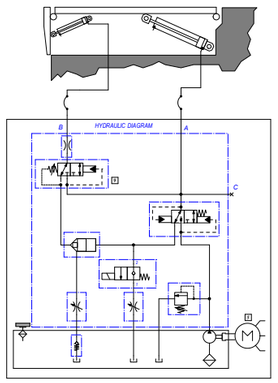


LARGE SCISSOR LIFT





DOCKLEVELLER

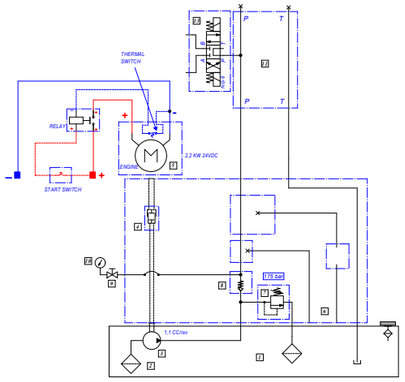




BOLLARD

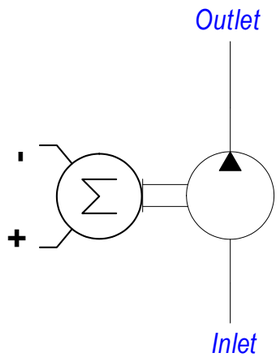


SNOW PLOW

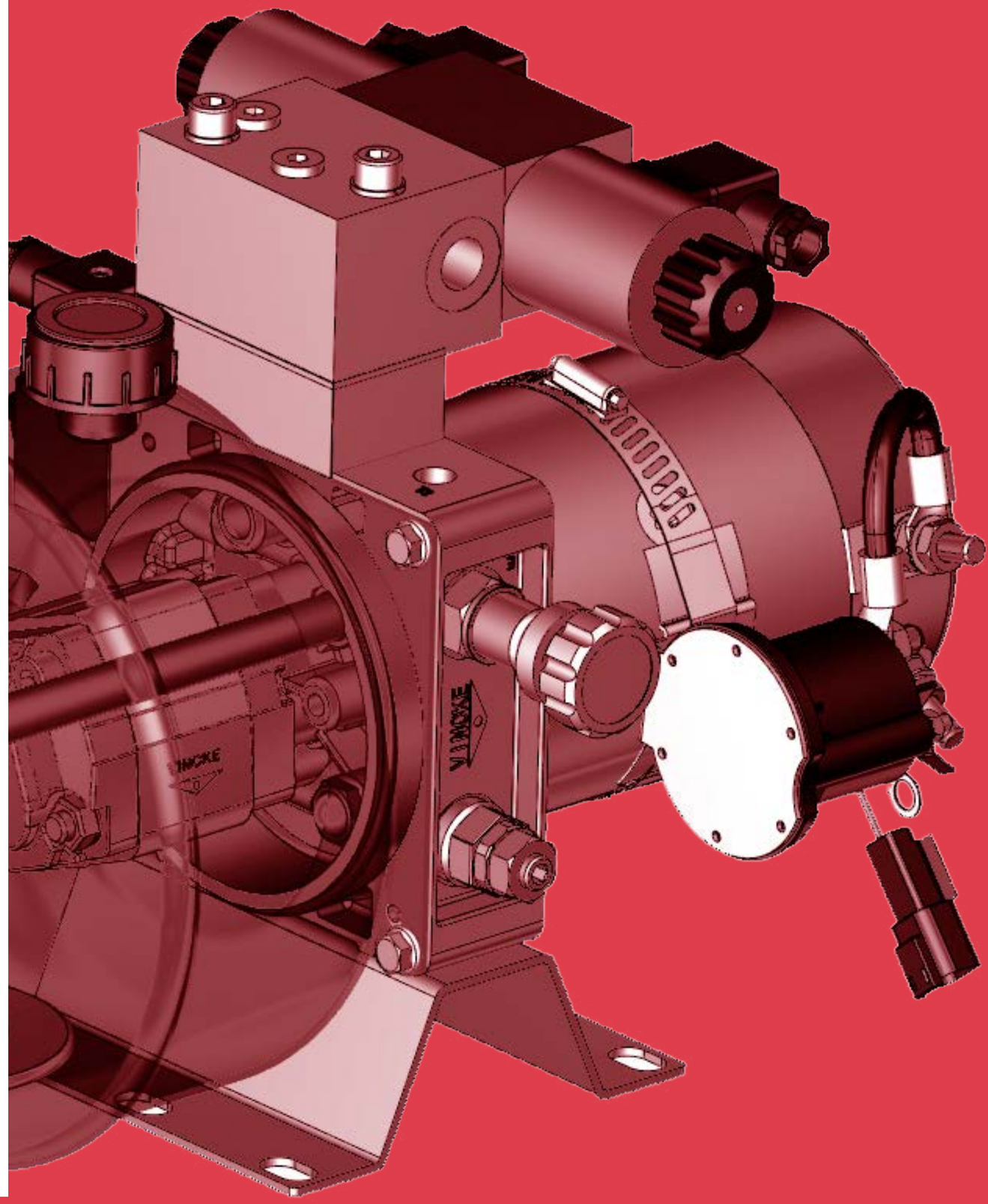




AERIAL WORK VEHICLE

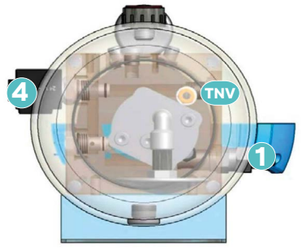


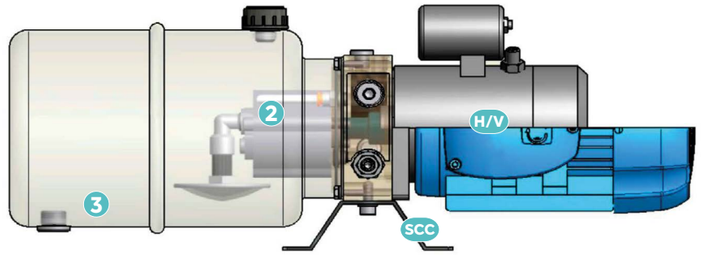




VINCKE
HOW TO ORDER

POWER UNITS SINGLE ACTION K0





K0 - SE - [ ] - [ ] - [ ] - S/P - H/V - [MOTOR] - [ ] - [ ] - [ ] - [ ] - TNV - [ ] - SCC

PRESSURE RANGE	
N	plug
O	5...40
A	10...160
B	80...250
C	100...350
D	55...180
E	120...300

cm3
0.19
0.25
0.38
0.5
0.65
0.75
0.88
1.00
1.25
1.5
1.75
2

TANK
Horizontal
1
1.5
2.5
4
X/H W/o Tank
Vertical
1
1.5
2.5
4
X/V W/o Tank

MOTOR

DC	
C01	500W 12DC Ø80
C02	500W 24DC Ø80
C03	800W 12DC Ø80
C04	800W 24DC Ø80
C05	1600W 12DC Ø112
C06	1600W 12DC Ø112 Fan.
C07	1600W 24DC Ø112
C08	2100W 12DC Ø112
C09	2100W 12DC Ø112
C10	2100W 12DC Ø112Fan.
C11	2200W 24DC Ø112Fan.
C12	2000W 48DC Ø112
C13	3000W 24DC Ø125
C14	2000W 12DC Ø125 Fan.
C15	3000W 12DC Ø125Fan.
C16	3000W 24DC Ø125Fan.

AC		
M1	0.33CV Mon-4P	MONOPHASE
M2	0.5CV Mon-4P	
M3	0.75CV Mon-4P	
M4	1CV Mon-4P	
T0	0.16CVTrif-4P	THREE-PHASE
T05	0.25CVTrif-4P	
T1	0.33CV Trif-4P	
T2	0.5CV Trif-4P	
T3	0.75CV Trif-4P	
T4	1CV Trif-4P	
T5	1.5CV Trif-4P	
S Mx/Tx	W/o Motor	

2P-IE1
2P IE3
2P IE1 UL
2P IE3 UL
4P IE1
4P IE3
4P IE1 UL
4P IE3 UL

e/v	
NC	
NC-E	
NA	
NA-E	
NC-D	
NA-D	
NC-PM	

VOLTAJE
12 DC
24 DC
24 AC
24 RAC
110 RAC
220 RAC

TNV

FLOW CONTROL VALVE

MONOMETER	
FT1	UPRIGHT
FT2	ELBOW
M***	***=RANG
	Example: M250; 0-25bar
PP	Pressure Point
PC	Plastic Cover
RF	Return Filter

SCC

OPTIONAL FOOT MOUNTING SUPPORT

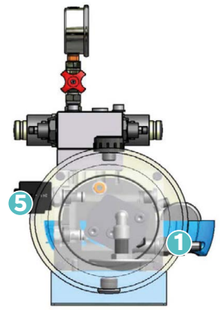
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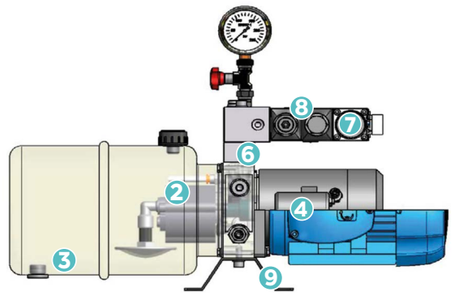
K1 - SE - B - 2 - 1 L - H - T4 - NC-E 12DC - TNV - SCC

For more options (hand valves, additional hand pumps, flow control valves pressure gauges, pressure connections, pressure switches, etc...) please contact our sales department.

VINCKE
HOW TO ORDER

POWER UNITS DOUBLE ACTION K0





K0 - DE - [ ] - [ ] - [ ] - S/P - H/V - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

PRESSURE RANGE	
N	plug
O	5...40
A	10...160
B	80...250
C	100...350
D	55...180
E	120...300

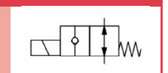
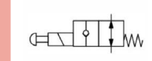
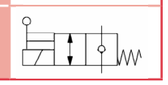
cm3
0.19
0.25
0.38
0.5
0.65
0.75
0.88
1.00
1.25
1.5
1.75
2

TANK
Horizontal
1
1.5
2.5
4
X/H W/o Tank
Vertical
1
1.5
2.5
4
X/V W/o Tank

MOTOR

DC	
C01	500W 12DC Ø80
C02	500W 24DC Ø80
C03	800W 12DC Ø80
C04	800W 24DC Ø80
C05	1600W 12DC Ø112
C06	1600W 12DC Ø112 Fan.
C07	1600W 24DC Ø112
C08	2100W 12DC Ø112
C09	2100W 12DC Ø112
C10	2100W 12DC Ø112Fan.
C11	2200W 24DC Ø112Fan.
C12	2000W 48DC Ø112
C13	3000W 24DC Ø125
C14	2000W 12DC Ø125 Fan.
C15	3000W 12DC Ø125Fan.
C16	3000W 24DC Ø125Fan.

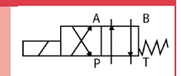
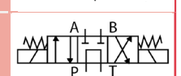
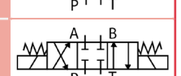
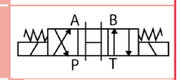
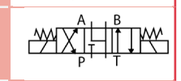
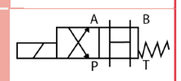
AC		
M1	0.33CV Mon-4P	MONOPHASE
M2	0.5CV Mon-4P	
M3	0.75CV Mon-4P	
M4	1CV Mon-4P	
T0	0.16CVTrif-4P	THREE-PHASE
T05	0.25CVTrif-4P	
T1	0.33CV Trif-4P	
T2	0.5CV Trif-4P	
T3	0.75CV Trif-4P	
T4	1CV Trif-4P	
T5	1.5CV Trif-4P	
S Mx/Tx	W/o Motor	

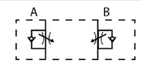
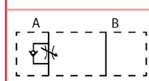
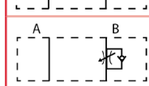
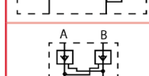
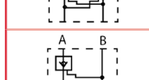
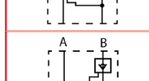
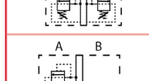
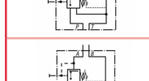
e/v	
NA	
NA-E	
NC-PM	

2P-IE1
2P IE3
2P IE1 UL
2P IE3 UL
4P IE1
4P IE3
4P IE1 UL
4P IE3 UL

VOLTAJE
12 DC
24 DC
24 AC
24 RAC
110 RAC
220 RAC

SUBPLATE	
PT	P-T
3	90º
HP	Hand Pump

NG-6 CETOP VALVES	
D	
G	
E	
H	
J	
HA	
X	W/o EV

	FW
	FA
	FB
	PW
	PA
	PB
	LW
	LA
	LB
	RP
	RA
	RB
	OW
	OA
	OB

MONOMETER	
FT1	UPRIGHT
FT2	ELBOW
M***	***=RANG
	Example: M250; 0-25bar
PP	Pressure Point
PC	Plastic Cover
RF	Return Filter

OPTIONAL FOOT MOUNTING SUPPORT

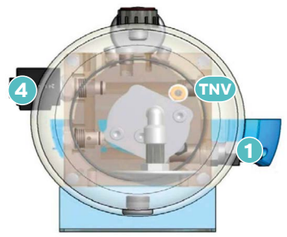
EXAMPLE

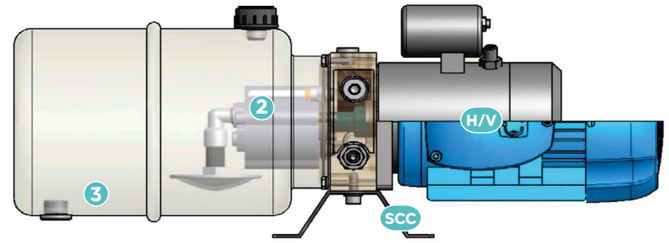
K0 - DE - B - 1,5 - PH - C24 - PT

For more options (hand valves, additional hand pumps, flow control valves pressure connections, pressure switches, etc...) please contact our sales department.

VINCKE
HOW TO ORDER

POWER UNITS SINGLE ACTION K1





K1 - SE - [ ] - [ ] - [ ] - S/P - H/V - [ ] - [ ] - [ ] - [ ] - TNV - [ ] - SCC

PRESSURE RANGE

N	plug
O	5...40
A	10...160
B	80...250
C	100...350
D	55...180
E	120...300

cm3

P	S	H
0.8	1.0	2.3
1.1	1.2	2.7
1.3	1.6	3.2
1.6	2.1	3.8
1.8	2.5	4.3
2.1	3.2	5.0
2.7	3.5	6.3
3.2	4.2	8
3.7	5.0	10
4.2	6.2	13
4.8	7.0	
5.8	8.0	
7.0	10	
8.0	12	
9.8		

TANK

Horizontal	
Plastic	Steel
1.5	1.5
2.5	2.5
4	5
5	8
7	10
8	12
10	18
12	24
	30
	50
X/H	W/o Tank

Vertical	
Plastic	Steel
1.5	1.5
2.5	2.5
4	5
5	7
7	8
8	10
10	12
12	15
	20
	30
	55
X/V	W/o tank

MOTOR

DC

C01	500W 12DC Ø80
C02	500W 24DC Ø80
C03	800W 12DC Ø80
C04	800W 24DC Ø80
C05	1600W 12DC Ø112
C06	1600W 12DC Ø112 Fan.
C07	1600W 24DC Ø112
C08	2100W 12DC Ø112
C09	2100W 12DC Ø112
C10	2100W 12DC Ø112Fan.
C11	2200W 24DC Ø112Fan.
C12	2000W 48DC Ø112
C13	3000W 24DC Ø125
C14	2000W 12DC Ø125 Fan.
C15	3000W 12DC Ø125Fan.
C16	3000W 24DC Ø125Fan.
C17	2500W 12DC Ø151Fan.
C18	3000W 24DC Ø151Fan.
C19	4000W 24DC Ø141Fan.

AC

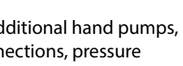
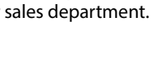
M1	0.33CV Mon-4P
M2	0.5CV Mon-4P
M3	0.75CV Mon-4P
M4	1CV Mon-4P
M5	1.5CV Mon-4P
M6	2CV Mon-4P
M7	3CV Mon-4P
M8	4CV Mon-4P
M9	5CV Mon-4P
T1	0.33CV Trif-4P
T2	0.5CV Trif-4P
T3	0.75CV Trif-4P
T4	1CV Trif-4P
T5	1.5CV Trif-4P
T6	2CV Trif-4P
T7	3CV Trif-4P
T8	4CV Trif-4P
T9	5CV Trif-4P
T10	7.5CV Trif-4P
S Mx/Tx	W/o Motor

MONOPHASE

THREE-PHASE

2P-IE1
2P IE3
2P IE1 UL
2P IE3 UL
4P IE1
4P IE3
4P IE1 UL
4P IE3 UL

e/v

NC	
NC-E	
NA	
NA-E	
NC-D	
NC-PM	

VOLTAJE

12 DC
24 DC
24 AC
24 RAC
110 RAC
220 RAC

TNV — FLOW CONTROL VALVE

MONOMETER

FT1	UPRIGHT
FT2	ELBOW
M***	***=RANG
	Example: M250; 0-25bar

ACCESORIES

PP	Pressure Point
PC	Plastic Cover
RF	Return Filter
BRP	Cable Control
WRCP	Wireless Control
NE	Electrical Level
PR	Pressure Switch
ME	Manual Emergency
HP	Hand Pump

SCC — OPTIONAL FOOT MOUNTING SUPPORT

S	Splined
H	Helical

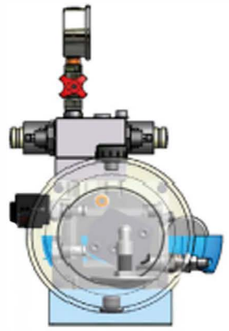
EXAMPLE

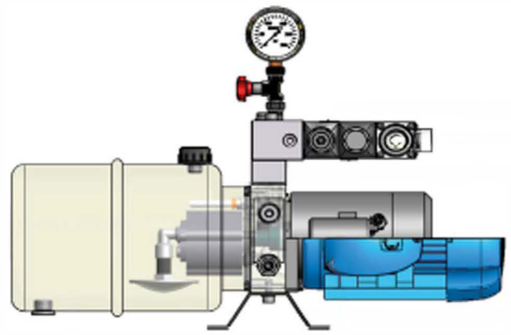
K1 - SE - B - 2.6 - 12 L - H - T4 - NC - EE 12DC - STCB - SCC

For more options (hand valves, additional hand pumps, flow, control valves pressure connections, pressure switches, etc...) please contact our sales department.

VINCKE
HOW TO ORDER

POWER UNITS DOUBLE ACTION K1





K1 - DE - [ ] - [ ] - [ ] - S/P - H/V - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - SCC

PRESSURE RANGE

N	plug
O	5...40
A	10...160
B	80...250
C	100...350
D	55...180
E	120...300

cm3

P	S	H
0.8	1.0	2.3
1.1	1.2	2.7
1.3	1.6	3.2
1.6	2.1	3.8
1.8	2.5	4.3
2.1	3.2	5.0
2.7	3.5	6.3
3.2	4.2	8
3.7	5.0	10
4.2	6.2	13
4.8	7.0	
5.8	8.0	
7.0	10	
8.0	12	
9.8		

TANK

Horizontal	
Plastic	Steel
1.5	1.5
2.5	2.5
4	5
5	8
7	10
8	12
10	18
12	24
	30
	50
X/H	W/o Tank

Vertical	
Plastic	Steel
1.5	1.5
2.5	2.5
4	5
5	7
7	8
8	10
10	12
12	15
	20
	30
	55
X/V	W/o tank

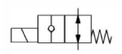
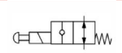
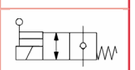
MOTOR

DC	
C01	500W 12DC Ø80
C02	500W 24DC Ø80
C03	800W 12DC Ø80
C04	800W 24DC Ø80
C05	1600W 12DC Ø112
C06	1600W 12DC Ø112 Fan.
C07	1600W 24DC Ø112
C08	2100W 12DC Ø112
C09	2100W 12DC Ø112
C10	2100W 12DC Ø112Fan.
C11	2200W 24DC Ø112Fan.
C12	2000W 48DC Ø112
C13	3000W 24DC Ø125
C14	2000W 12DC Ø125 Fan.
C15	3000W 12DC Ø125Fan.
C16	3000W 24DC Ø125Fan.
C17	2500W 12DC Ø151Fan.
C18	3000W 24DC Ø151Fan.
C19	4000W 24DC Ø141Fan.

AC		
M1	0.33CV Mon-4P	MONOPHASE
M2	0.5CV Mon-4P	
M3	0.75CV Mon-4P	
M4	1CV Mon-4P	
M5	1.5CV Mon-4P	
M6	2CV Mon-4P	
M7	3CV Mon-4P	
M8	4CV Mon-4P	
M9	5CV Mon-4P	
T1	0.33CV Trif-4P	THREE-PHASE
T2	0.5CV Trif-4P	
T3	0.75CV Trif-4P	
T4	1CV Trif-4P	
T5	1.5CV Trif-4P	
T6	2CV Trif-4P	
T7	3CV Trif-4P	
T8	4CV Trif-4P	
T9	5CV Trif-4P	
T10	7.5CV Trif-4P	
S Mx/Tx	W/o Motor	

2P-IE1
2P IE3
2P IE1 UL
2P IE3 UL
4P IE1
4P IE3
4P IE1 UL
4P IE3 UL

e/v

NA	
NA-E	
NC-PM	

SUBPLATE

PT	P-T
1	Serie
2	Paralllel
3	90º
4	S/E

NG-6 CETOP VALVES

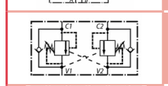
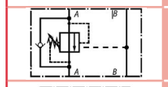
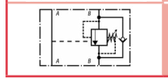
D	
G	
E	
H	
J	
HA	
X	W/o EV

S	Splined
H	Helical

EXAMPLE

K1 - DE - B - 2.6 - 12 L - H - T6 - NA-E 12DC - 1 - FA - SCC

For more options (hand valves, additional hand pumps, flow control valves pressure gauges, pressure connections, pressure switches, etc...) please contact our sales department.

FW	
FA	
FB	
PW	
PA	
PB	
LW	
LA	
LB	
RP	
RA	
RB	
OW	
OA	
OB	

VOLTAJE

12 DC
24 DC
24 AC
24 RAC
110 RAC
220 RAC

OPTIONAL FOOT MOUNTING SUPPORT

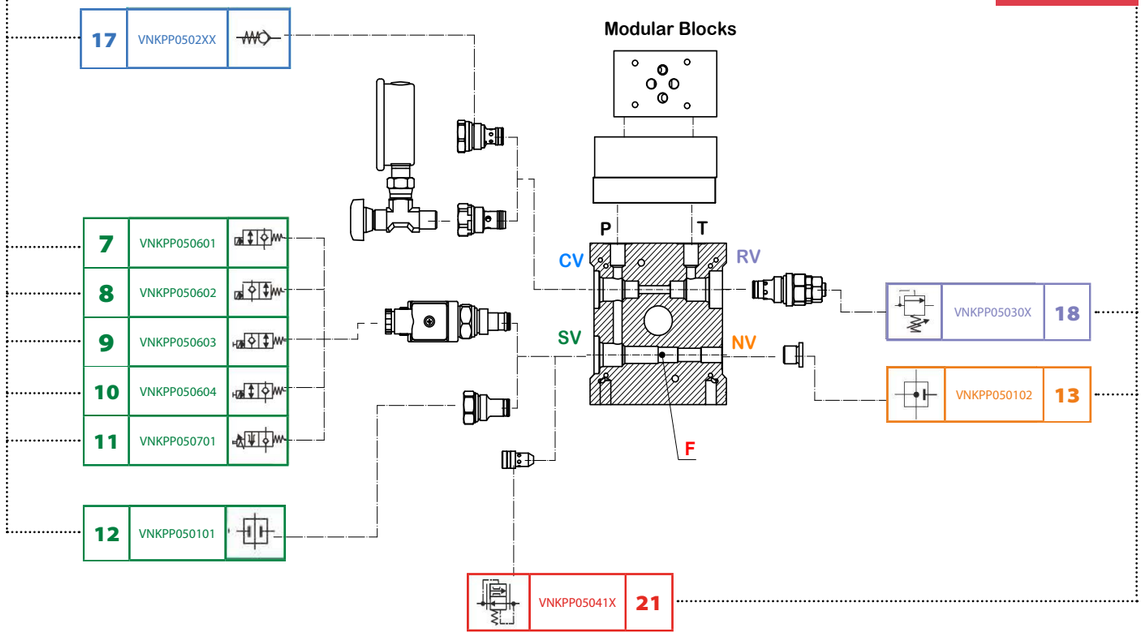
MONOMETER	
FT1	UPRIGHT
FT2	ELBOW
M***	***=RANG
	Example: M250; 0-25bar

ACCESORIES	
PP	Pressure Point
PC	Plastic Cover
RF	Return Filter
BRP	Cable Control
WRCP	Wireless Control
NE	Electrical Level
PR	Pressure Switch
ME	Manual Emergency
HP	Hand Pump

VINCKE
CENTRAL MAINFOL

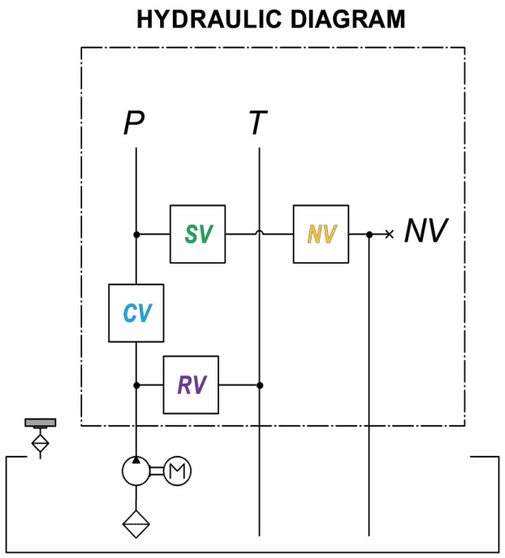
VNKPP010106 CENTRAL MANIFOLD, 2 WAYS, K0

ASS. CODE

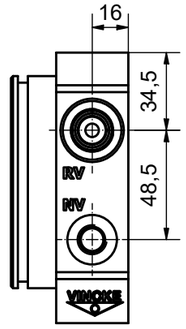


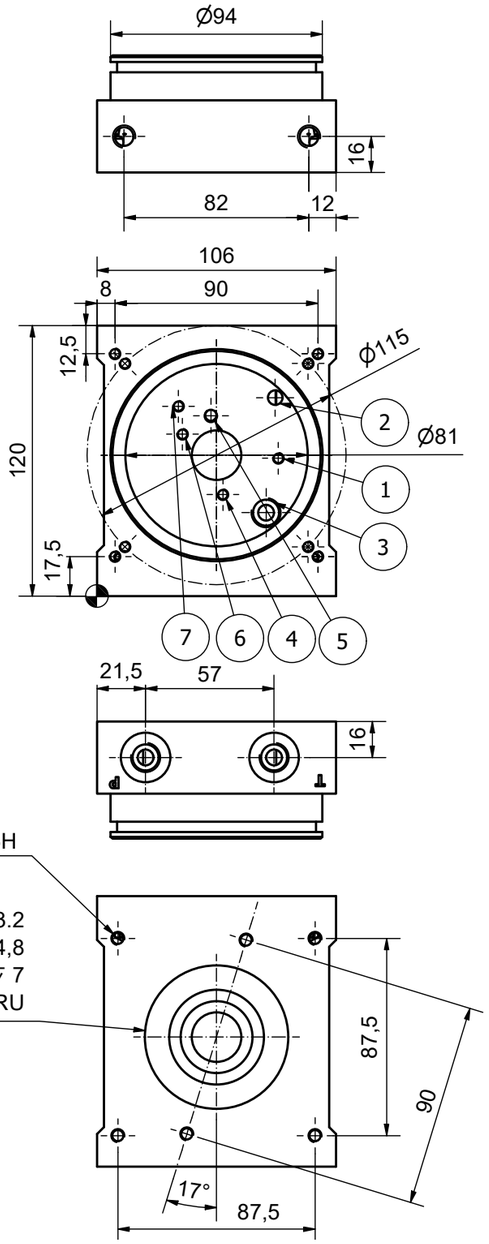
ASS. CODE

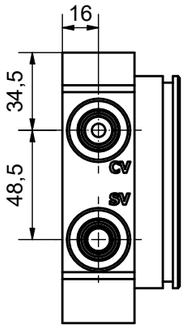
HYDRAULIC DIAGRAM



Nº	Ø	X	Y
1	M5	80,43	61,11
2	6,5	79	88
3	1/4 BSPP	75	37
4	M5	55,84	44,98
5	5,5	50,5	79,91
6	M5	37,89	71,81
7	M5	36,12	84,16

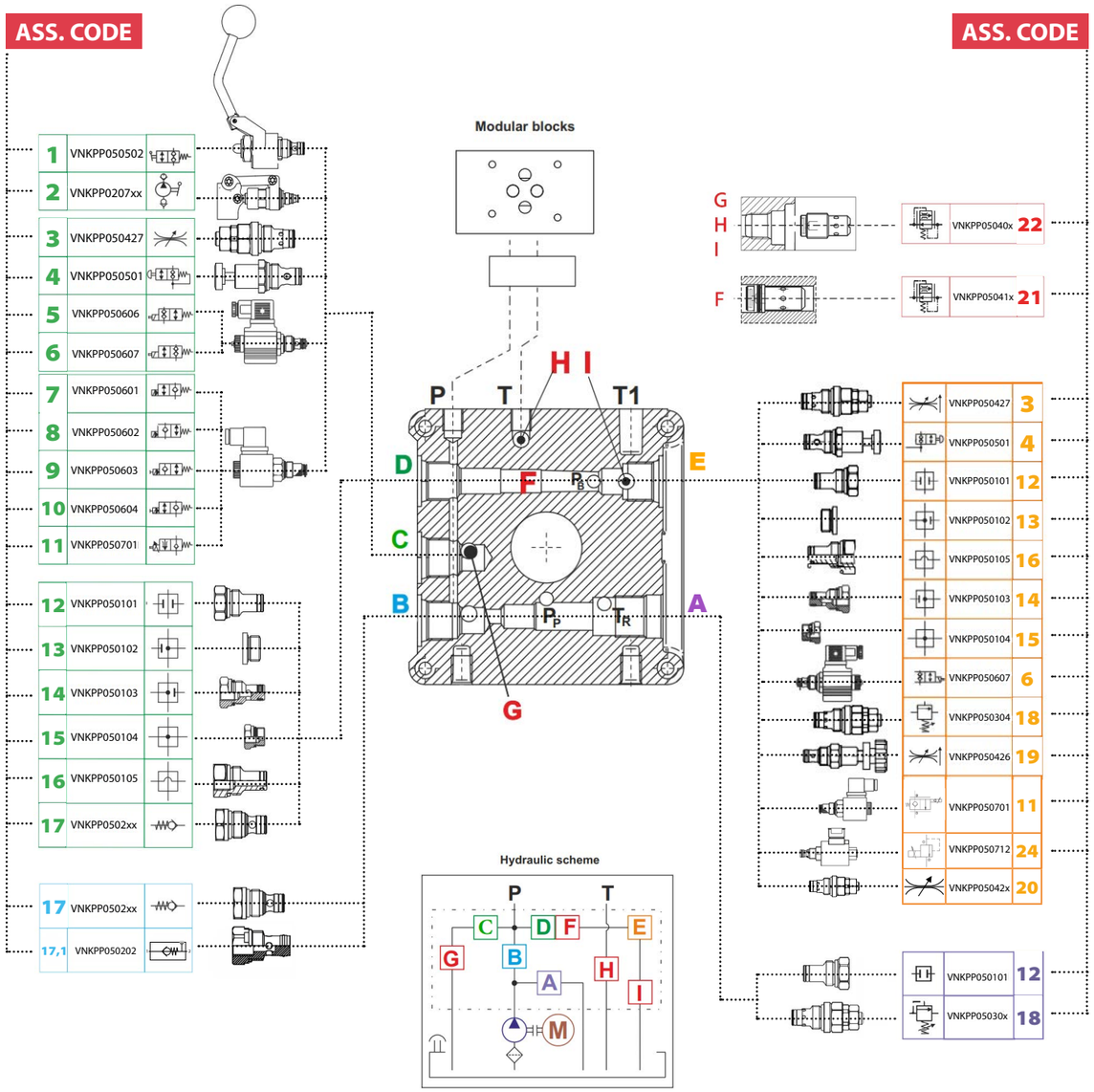


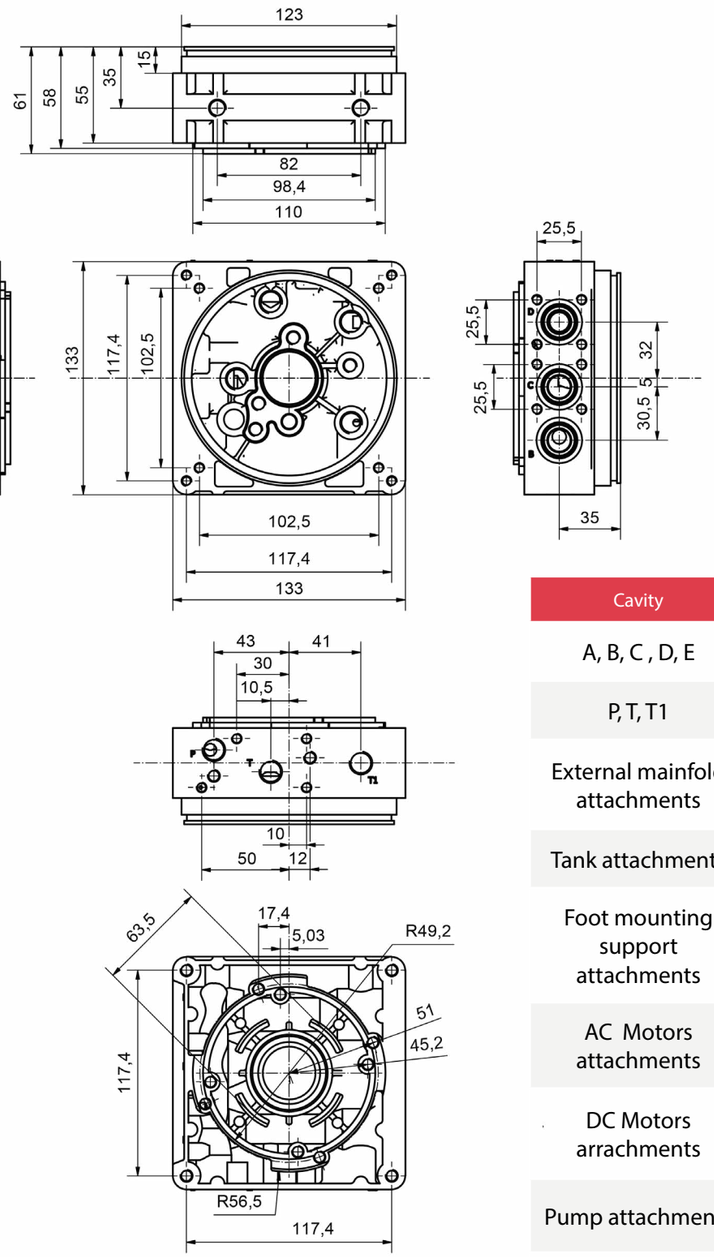




Cavity	Threads
SV-RV-CV	SAE08-2
P, T, NV	1/4"BSPP
Tank attachments	8 x M5
Foot munting support attachments	2 x M10
AC Motors attachments	4 x M6
DC Motors arranchments	2 x M6
Pump attachments	2 x M5

VNKPP010101 CENTRAL MANIFOLD K1





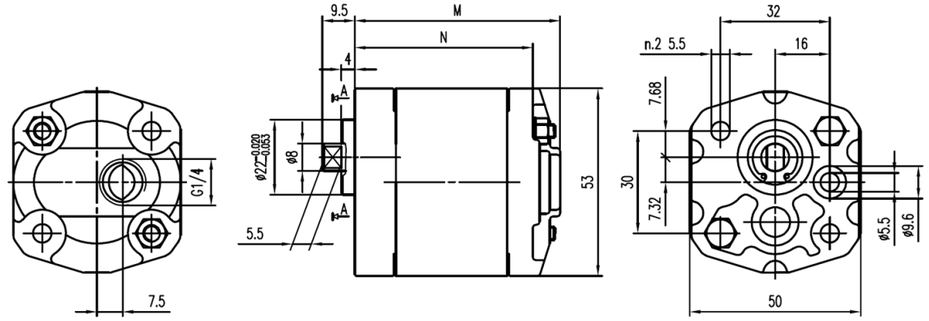
Cavity	Threads
A, B, C , D, E	3/4" UNF
P, T, T1	1/4" BSP
External mainfold attachments	2 x M8 4 x M6
Tank attachments	4 x M6
Foot mounting support attachments	2 x M10
AC Motors attachments	4 x M8
DC Motors arrachments	4 x M6
Pump attachments	2 x M8
Hand pump cap attachments	4 x M5

VNK0 GEAR PUMP

GROUP 0

● CLOCK WISE

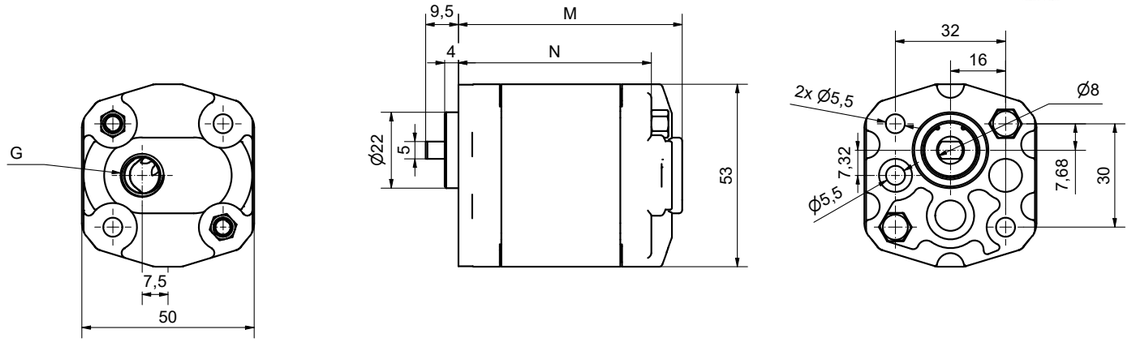




Type	Reference	cm³/rev	Max. Pressure			Max. Speed	Min. Speed	Dimensions	
			P1	P2	P3	r/min	r/min	M	N
								mm	mm
VNKPP020101	VNK0-0,19-01-02-B-38-OR-C	0.19	200	230	250	7000	1000	60	58.2
VNKPP020102	VNK0-0,25-01-02-B-38-OR-C	0.25	200	230	250	7000	1000	60.5	59
VNKPP020103	VNK0-0,38-01-02-B-38-OR-C	0.38	200	230	250	7000	1000	61.5	60.3
VNKPP020104	VNK0-0,50-01-02-B-38-OR-C	0.5	200	230	250	7000	1000	62.5	61
VNKPP020105	VNK0-0,65-01-02-B-38-OR-C	0.65	200	230	250	7000	1000	63.5	54.5
VNKPP020106	VNK0-0,75-01-02-B-38-OR-C	0.75	200	230	250	7000	1000	64.5	63.5
VNKPP020107	VNK0-0,88-01-02-B-38-OR-C	0.88	200	230	250	7000	1000	65.5	56.5
VNKPP020108	VNK0-1-01-02-B-38-OR-C	1.00	200	230	250	6000	850	66.5	66
VNKPP020109	VNK0-1,25-01-02-B-38-OR-C	1.25	200	230	250	5000	700	68.5	68.5
VNKPP020110	VNK0-1,5-01-02-B-38-OR-C	1.5	200	230	250	4000	600	70.5	70
VNKPP020111	VNK0-1,75-01-02-B-38-OR-C	1.75	180	210	230	4000	600	72.5	73
VNKPP020112	VNK0-2-01-02-B-38-OR-C	2	160	190	210	3000	500	74.5	75.5

● COUNTER CLOCKWISE





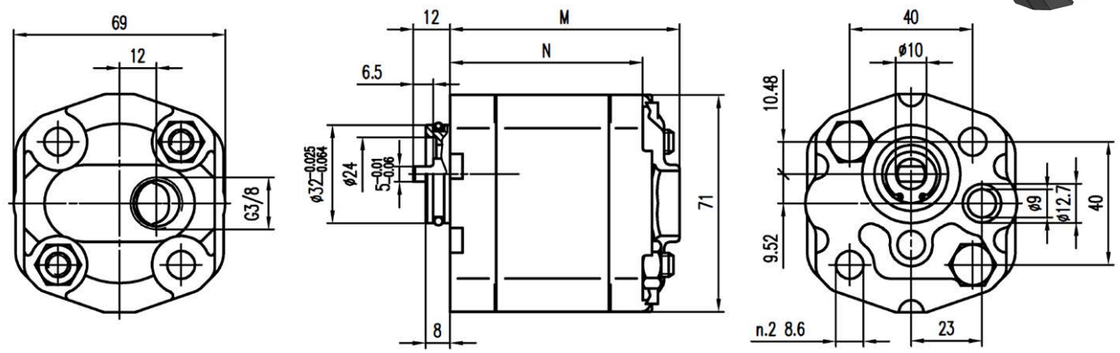
Type	Reference	cm³/rev	Max. Pressure			Max. Speed	Min. Speed	Dimensions	
			P1	P2	P3	r/min	r/min	M	N
								mm	mm
VNKPP020201	VNK0-0,19-01-02-B-38-OR-A	0.19	200	230	250	7000	1000	60	58.2
VNKPP020202	VNK0-0,25-01-02-B-38-OR-A	0.25	200	230	250	7000	1000	60.5	59
VNKPP020203	VNK0-0,38-01-02-B-38-OR-A	0.38	200	230	250	7000	1000	61.5	60.3
VNKPP020204	VNK0-0,50-01-02-B-38-OR-A	0.5	200	230	250	7000	1000	62.5	61
VNKPP020205	VNK0-0,65-01-02-B-38-OR-A	0.65	200	230	250	7000	1000	63.5	54.5
VNKPP020206	VNK0-0,75-01-02-B-38-OR-A	0.75	200	230	250	7000	1000	64.5	63.5
VNKPP020207	VNK0-0,88-01-02-B-38-OR-A	0.88	200	230	250	7000	1000	65.5	56.5
VNKPP020208	VNK0-1-01-02-B-38-OR-A	1.00	200	230	250	6000	850	66.5	66
VNKPP020209	VNK0-1,25-01-02-B-38-OR-A	1.25	200	230	250	5000	700	68.5	68.5
VNKPP020210	VNK0-1,5-01-02-B-38-OR-A	1.5	200	230	250	4000	600	70.5	70
VNKPP020211	VNK0-1,75-01-02-B-38-OR-A	1.75	180	210	230	4000	600	72.5	73
VNKPP020212	VNK0-2-01-02-B-38-OR-A	2	160	190	210	3000	500	74.5	75.5

GEAR PUMP

GROUP 1

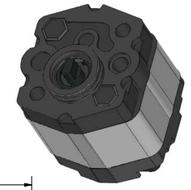
CLOCKWISE

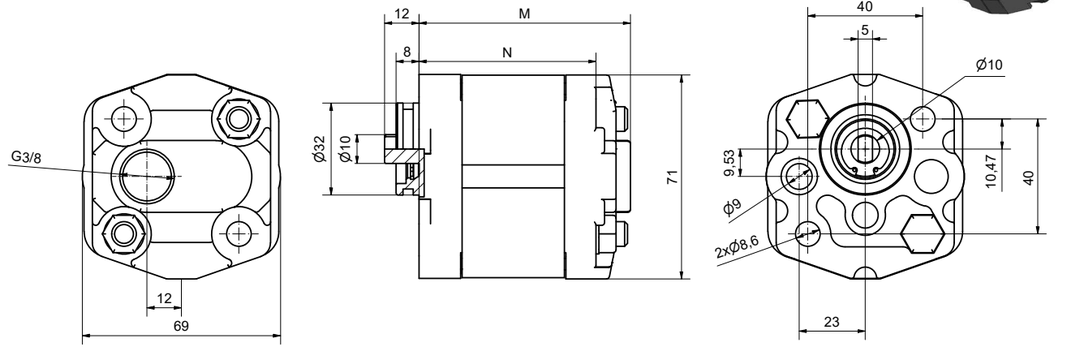




Type	Reference	cm³/rev	Max. Pressure			Max. Speed	Min. Speed	Dimensions	
			P1	P2	P3	rW/min	r/min	M mm	L mm
VNKPP020301	VNK1-0,8-02-B-38-OR-C	0.8	250	270	290	6000	1000	73.5	61.5
VNKPP020302	VNK1-1,1-02-B-38-OR-C	1.1	250	270	290	6000	1000	74	62
VNKPP020303	VNK1-1,3-02-B-38-OR-C	1.3	250	270	290	6000	1000	75	63
VNKPP020304	VNK1-1,6-02-B-38-OR-C	1.6	250	270	290	6000	1000	76	64
VNKPP020305	VNK1-1,8-02-B-38-OR-C	1.8	250	270	290	6000	1000	77	65
VNKPP020306	VNK1-2,1-02-B-38-OR-C	2.1	250	270	290	6000	1000	78	66
VNKPP020307	VNK1-2,7-02-B-38-OR-C	2.7	250	270	290	6000	800	80	68
VNKPP020308	VNK1-3,2-02-B-38-OR-C	3.2	250	270	290	5000	800	82	70
VNKPP020309	VNK1-3,7-02-B-38-OR-C	3.7	250	270	290	4500	800	84	72
VNKPP020310	VNK1-4,2-02-B-38-OR-C	4.2	250	270	290	4000	800	86	74
VNKPP020311	VNK1-4,8-02-B-38-OR-C	4.8	230	250	270	3500	600	88	76
VNKPP020312	VNK1-5,8-02-B-38-OR-C	5.8	230	250	270	3000	600	92	80
VNKPP020313	VNK1-7-02-B-38-OR-C	7	210	230	250	2500	600	96	84
VNKPP020314	VNK1-8-02-B-38-OR-C	8	180	200	230	2100	600	100	88
VNKPP020315	VNK1-9,8-02-B-38-OR-C	9.8	150	170	190	2100	600	104	92

COUNTER CLOCKWISE

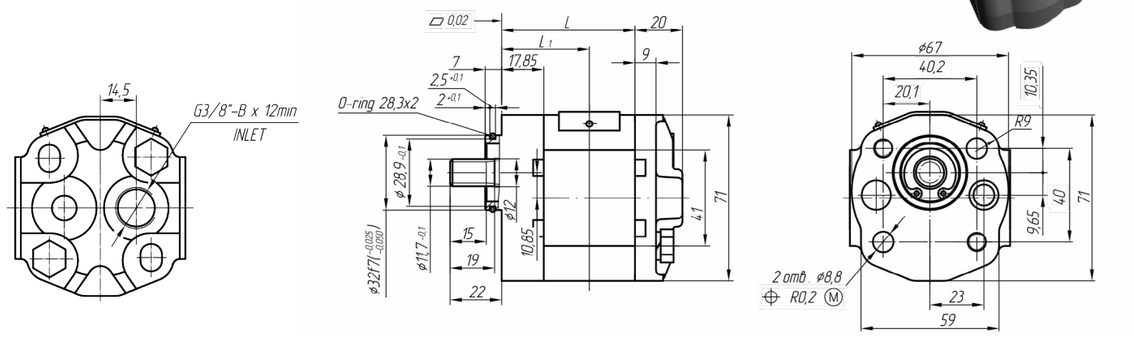




Type	Reference	cm³/rev	Max. Pressure			Max. Speed	Min. Speed	Dimensions	
			P1	P2	P3	rW/min	r/min	M mm	L mm
VNKPP020401	VNK1-0,8-02-B-38-OR-A	0.8	250	270	290	6000	1000	73.5	61.5
VNKPP020402	VNK1-1,1-02-B-38-OR-A	1.1	250	270	290	6000	1000	74	62
VNKPP020403	VNK1-1,3-02-B-38-OR-A	1.3	250	270	290	6000	1000	75	63
VNKPP020404	VNK1-1,6-02-B-38-OR-A	1.6	250	270	290	6000	1000	76	64
VNKPP020405	VNK1-1,8-02-B-38-OR-A	1.8	250	270	290	6000	1000	77	65
VNKPP020406	VNK1-2,1-02-B-38-OR-A	2.1	250	270	290	6000	1000	78	66
VNKPP020407	VNK1-2,7-02-B-38-OR-A	2.7	250	270	290	6000	800	80	68
VNKPP020408	VNK1-3,2-02-B-38-OR-A	3.2	250	270	290	5000	800	82	70
VNKPP020409	VNK1-3,7-02-B-38-OR-A	3.7	250	270	290	4500	800	84	72
VNKPP020410	VNK1-4,2-02-B-38-OR-A	4.2	250	270	290	4000	800	86	74
VNKPP020411	VNK1-4,8-02-B-38-OR-A	4.8	230	250	270	3500	600	88	76
VNKPP020412	VNK1-5,8-02-B-38-OR-A	5.8	230	250	270	3000	600	92	80
VNKPP020413	VNK1-7-02-B-38-OR-A	7	210	230	250	2500	600	96	84
VNKPP020414	VNK1-8,0-02-B-38-OR-A	8	180	200	230	2100	600	100	88
VNKPP020415	VNK1-9,2 02-B-38-OR-A	9.8	150	170	190	2100	600	104	92

CLOCK WISE - SPLINED SHAFT

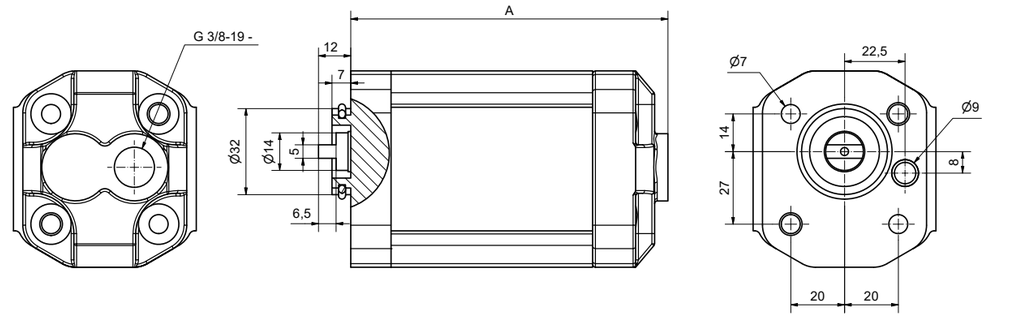




Type	Reference	cm³/rev	Max. Pressure		Max. Speed	Min. Speed	Dimensions	
			P1	P2	r/min	r/min	M	N
VNKPP020502	VNK1-1,2-7-B-38-OR-C SPLINED	1.2	300	320	1500	3500	81,1	70,1
VNKPP020503	VNK1-1,6-7-B-38-OR-C SPLINED	1.6	300	320	1500	3500	83,1	72,1
VNKPP020504	VNK1-2,1-7-B-38-OR-C SPLINED	2.1	300	320	1500	3500	84,9	73,9
VNKPP020505	VNK1-2,5-7-B-38-OR-C SPLINED	2.5	300	320	1500	3500	86,4	75,4
VNKPP020506	VNK1-3,2-7-B-38-OR-C SPLINED	3.2	300	320	1500	3500	89,3	78,3
VNKPP020507	VNK1-3,5-7-B-38-OR-C SPLINED	3.5	300	320	1500	3000	90,6	79,6
VNKPP020508	VNK1-4,2-7-B-38-OR-C SPLINED	4.2	300	320	1500	2800	94,3	83,3
VNKPP020509	VNK1-5,0-7-B-38-OR-C SPLINED	5.0	270	290	1500	2400	97,3	86,3
VNKPP020510	VNK1-6,0-7-B-38-OR-C SPLINED	6.0	240	260	1500	2000	101,1	90,1
VNKPP020511	VNK1-7,0-7-B-38-OR-C SPLINED	7.0	200	230	1500	1800	105,1	94,1
VNKPP020512	VNK1-8,0-7-B-38-OR-C SPLINED	7.8	170	200	1500	1800	108,9	97,9
VNKPP020513	VNK1-10-7-B-38-OR-C SPLINED	10	140	170	1500	1800	118,1	107,1
VNKPP020514	VNK1-12-7-B-38-OR-C SPLINED	12	140	170	1500	1800	125,5	114,5

CLOCK WISE - HELICAL PUMP





Type	Reference	cm³/rev	Max. Pressure	Max. Speed	A±0.8
			bar	r/min	
VNKPP020602	VNK1-2,2-02-B-38-OR-C-SS HELICAL	2.3	220	4000	89.5
VNKPP020603	VNK1-2,6-02-B-38-OR-C-SS HELICAL	2.7	220	4000	91.5
VNKPP020604	VNK1-3,2-02-B-38-OR-C-SS HELICAL	3.2	220	4000	93
VNKPP020605	VNK1-3,8-02-B-38-OR-C-SS HELICAL	3.8	220	3500	95.5
VNKPP020606	VNK1-4,3-02-B-38-OR-C-SS HELICAL	4	275	3500	97.5
VNKPP020607	VNK1-5-02-B-38-OR-C-SS HELICAL	5	275	3500	100.5
VNKPP020608	VNK1-6-02-B-38-OR-C-SS HELICAL	6	275	3500	105.5
VNKPP020609	VNK1-8-02-B-38-OR-C-SS HELICAL	8	246	3500	111.5
VNKPP020610	VNK1-10-02-B-38-OR-C-SS HELICAL	10	222	3500	118.5
VNKPP020612	VNK1-13-02-B-38-OR-C-SS HELICAL	13	176	3500	125

HAND PUMP



ASS. CODE 2

HAND PUMP

Ref	cm³	
VNKPP020701	2	3/4 - UNF



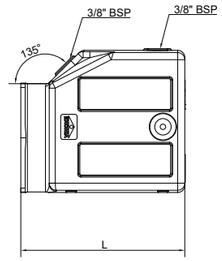
ASS. CODE 2

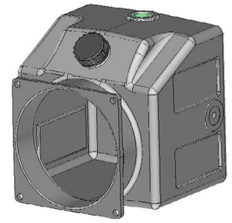
HAND PUMP

Ref	cm³	
VNKPP020702	7	3/4 - UNF

TANKS

PLASTIC TANK, VERTICAL / HORIZONTAL, RECTANGULAR BASE, GROUP K0

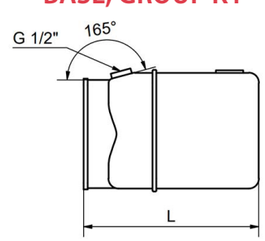


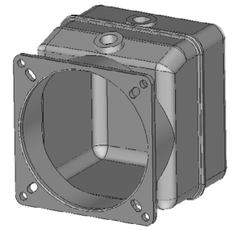


PLASTIC TANK RECTANGULAR BASE GROUP K0

Reference	ØD (mm)	L (mm)	A (mm)	B (mm)	Vol. (L)	Position
VNKPP030101,2	94	125	130	130	1	H/V
VNKPP030102,2	94	150	130	130	1.5	H/V
VNKPP030103,1	94	260	140	125	2.5	H/V
VNKPP030104,0	94	395	140	125	4	H/V

PLASTIC TANK, VERTICAL / HORIZONTAL, RECTANGULAR BASE, GROUP K1

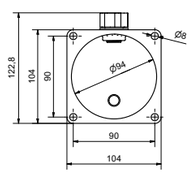


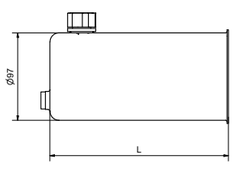


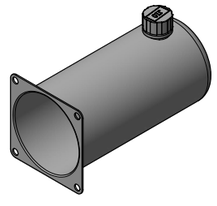
PLASTIC TANK RECTANGULAR BASE GROUP K1

Reference	ØD (mm)	L (mm)	A (mm)	B (mm)	Vol. (L)
VNKPP030301	123	135	130	135	1.5
VNKPP030302	123	205	130	135	2.5
VNKPP030303	123	280	130	135	3.8
VNKPP030303.1	123	200	180	180	4
VNKPP030304	123	260	170	170	5
VNKPP030305	123	330	170	170	8
VNKPP030306	123	440	170	170	10
VNKPP030307	123	545	170	170	12

METALIC TANK, VERTICAL / HORIZONTAL, RECTANGULAR BASE, GROUP K0



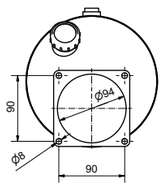


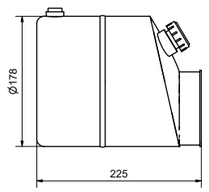


METALLIC TANK RECTANGULAR BASE GROUP K0

Reference	ØD (mm)	L (mm)	Vol. (L)	Position
VNKPP030202	94	197	1.2	H/V
VNKPP030203	94	330	1	H/V

METALIC TANK, VERTICAL / HORIZONTAL, RECTANGULAR BASE, GROUP K0



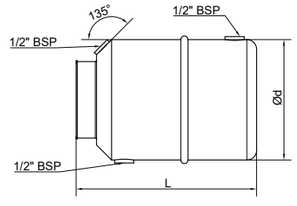


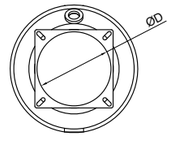


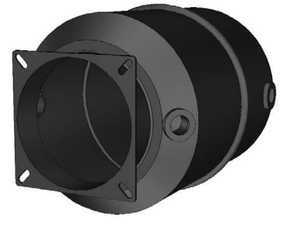
METALLIC TANK RECTANGULAR BASE GROUP K0

Reference	L (mm)	Vol. (L)	Position
VNKPP030204	225	4	H/V

METALIC TANK, VERTICAL / HORIZONTAL, ROUND BASE, GROUP K1



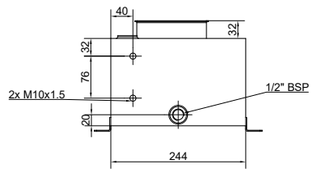


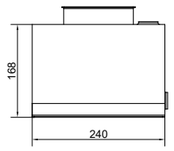


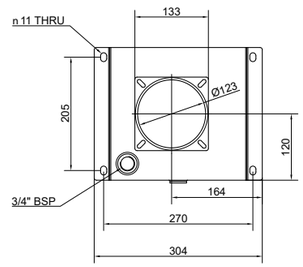
METALLIC TANK ROUND BASE GROUP K1

Reference	ØD (mm)	L (mm)	Ød (mm)	Vol. (L)
VNKPP030401	123	155	125	1.5
VNKPP030402	123	230	125	2.5
VNKPP030403	123	210	200	5
VNKPP030404	123	300	200	8
VNKPP030405	123	370	200	10
VNKPP030406	123	445	200	12

METALIC TANK, VERTICAL, GROUP K1





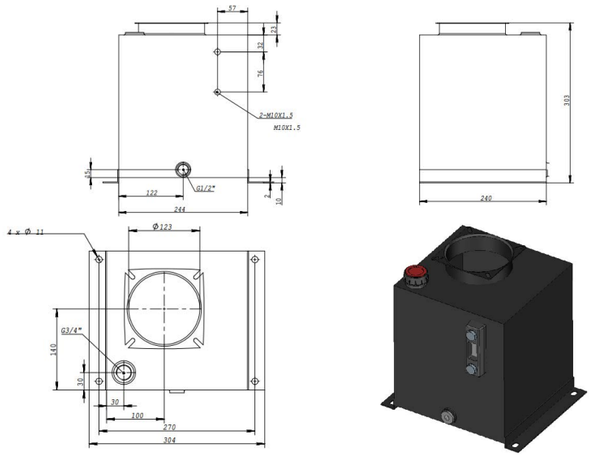




VERTICAL TANK 7L K1 GROUP W/LEVEL

Reference	Mounting	ØD (mm)	L (mm)	B (mm)	H (mm)	E (mm)	Vol. (L)
VNKPP030501	Vertical	123	240	240	160	10	7

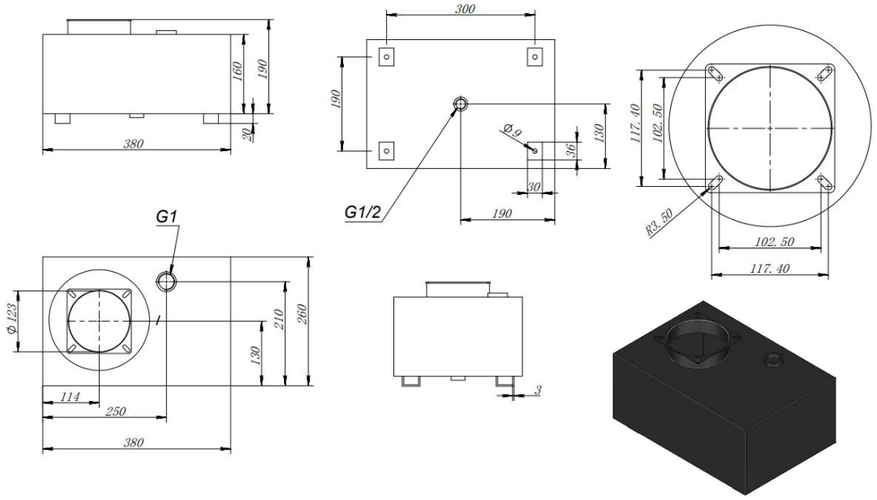
METALIC TANK, VERTICAL WITH LEVEL, SQUARE / RECTANGULAR BODY, GROUP K1



VERICAL SQUARE TANK 15L K1 GROUP W/LEVEL

Reference	Mounting	ØD (mm)	L (mm)	B (mm)	H (mm)	E (mm)	Vol. (L)
VNKPP030502	Vertical	123	245	240	295	10	15

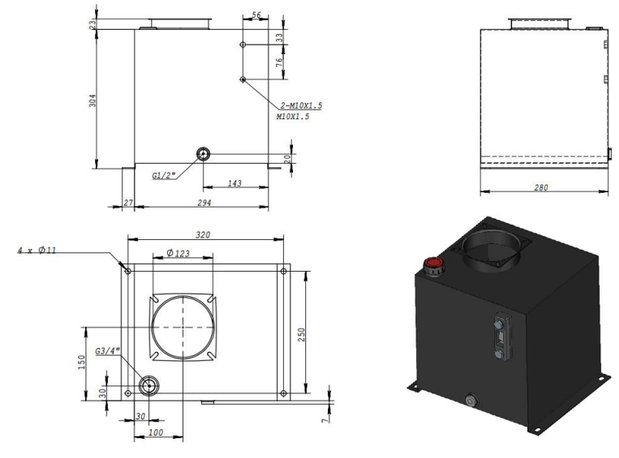
METALIC TANK, VERTICAL / HORIZONTAL WITH LEVEL, SQUARE / RECTANGULAR BODY, GROUP K1



VERTICAL RECTANGULAR TANK 15L K1 GROUP W/LEVEL

Reference	Mounting	ØD (mm)	L (mm)	B (mm)	H (mm)w	E (mm)	Vol. (L)
VNKPP030503	Vertical	123	380	260	160	20	15

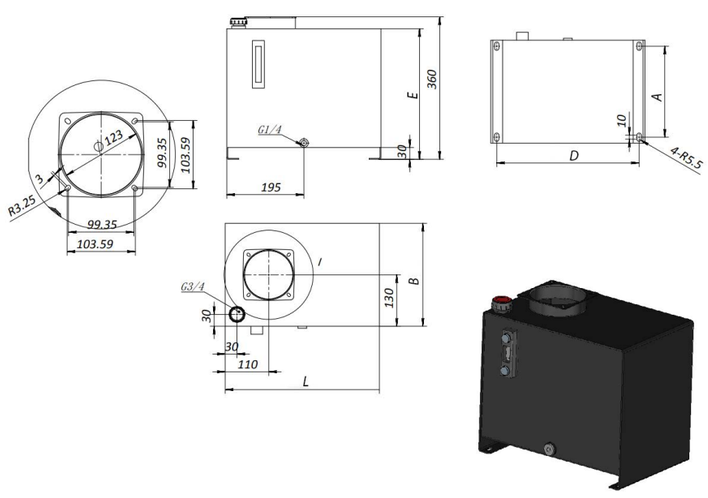
METALIC TANK, VERTICAL / HORIZONTAL WITH LEVEL, SQUARE / RECTANGULAR BODY, GROUP K1



VERTICAL TANK 20L K1 GROUP W/LEVEL

Reference	Mounting	ØD (mm)	L (mm)	B (mm)	H (mm)	E (mm)	Vol. (L)
VNKPP030504	Vertical	123	295	280	320	10	20

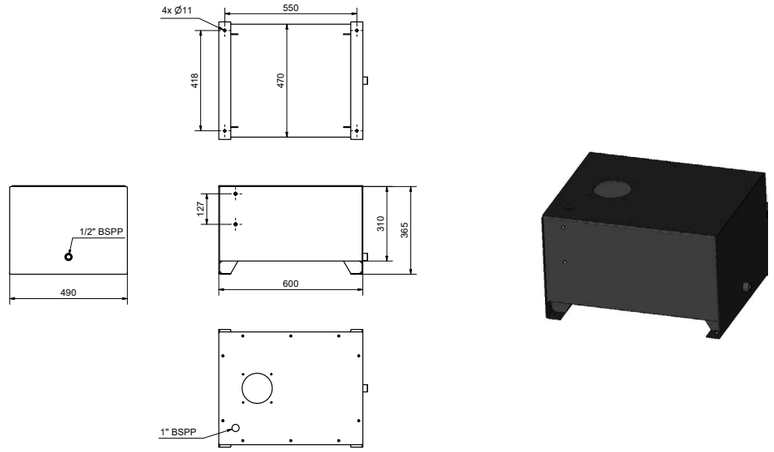
METALIC TANK, VERTICAL WITH LEVEL, SQUARE / RECTANGULAR BODY, GROUP K1



VERTICAL TANK 30L K1 GROUP W/LEVEL

Reference	Mounting	ØD (mm)	L (mm)	B (mm)	H (mm)	A	D	Vol. (L)
VNKPP030505	Vertical	123	390	260	300	230	360	30
VNKPP030505.2	Vertical	123	350	290	360	250	320	30

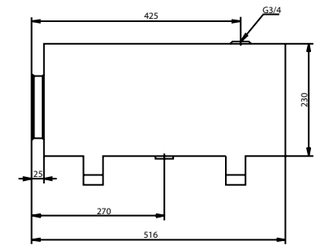
METALIC TANK, VERTICAL READY FOR LEVEL AND FILLER CAP

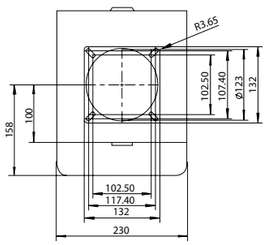


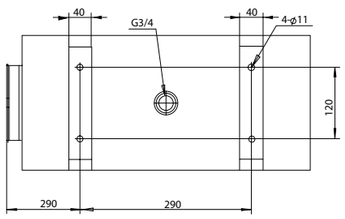
VERTICAL TANK 30L K1 GROUP W/LEVEL

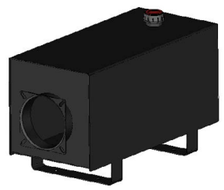
Reference	Mounting	ØD (mm)	L (mm)	B (mm)	H (mm)	A	D	Vol. (L)
VNKPP030505.1	Vertical	123	600	490	365	418	550	55

METALIC TANK, HORIZONTAL WITH LEVEL, SQUARE / RECTANGULAR BODY, GROUP K1 VINCKE





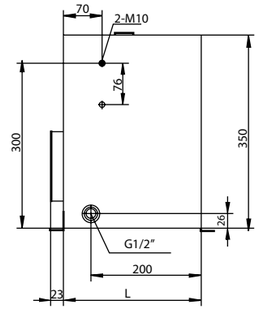


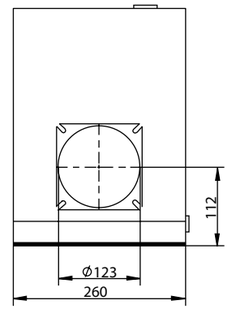


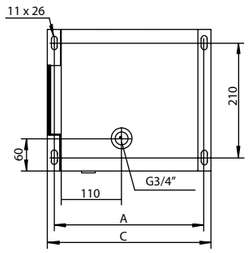
HORIZONTAL TANK 18L K1 GROUP W/LEVEL

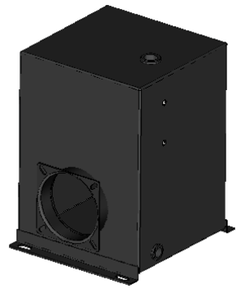
Reference	Mounting	ØD (mm)	L (mm)	B (mm)	H (mm)	E (mm)	Vol. (L)
VNKPP030506	Horizontal	123	520	230	230	55	18

METALIC TANK, HORIZONTAL WITH LEVEL, SQUARE / RECTANGULAR BODY, GROUP K1 VINCKE





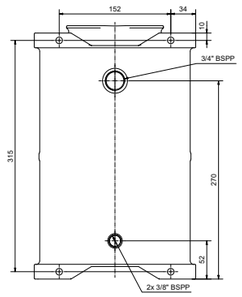


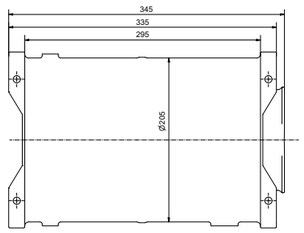


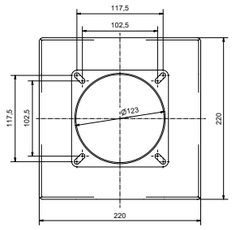
METALIC TANK HORITZONTAL W/ LEVEL

Reference	ØD (mm)	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	Vol. (L)
VNKPP030507	123	350	275	260	300	210	350	24
VNKPP030508	123	350	425	260	450	210	350	30
VNKPP030510	123	300	465	400	490	340	350	50

METALIC TANK, VERTICAL / HORIZONTAL WITH LEVEL, SQUARE / RECTANGULAR BODY, GROUP K1





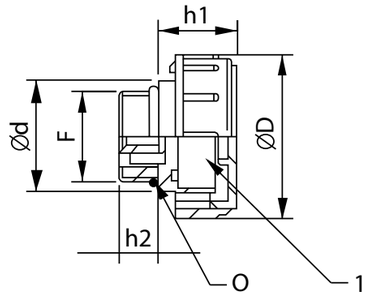


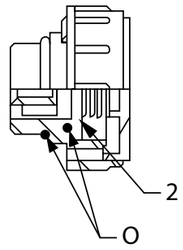


Reference	Mounting	ØD (mm)	A (mm)	Holes C (mm)	Vol. (L)
VNKPP030550	Horizontal	123	227	267	7
VNKPP030551	Horizontal	123	324	364	10

ASSEMBLIES ACCESORIES





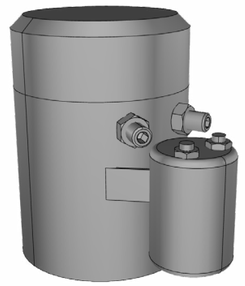


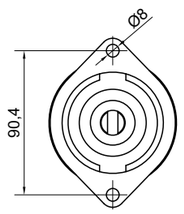
Reference	Type		D	d	h1	h2
VNKPP030604	PLASTIC PLUG	3/8"	36	23	21	11
VNKPP030605	PLASTIC PLUG	1/2"	41	28	21	12
VNKPP030606	PLASTIC PLUG	3/4"	47	33	22	12
VNKPP030607	PLASTIC PLUG	1"	52	38	25	12

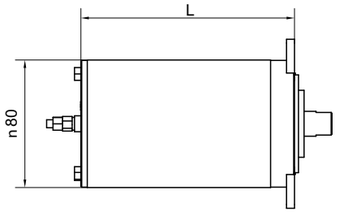
ELECTRIC MOTORS DC

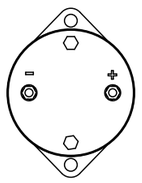
ELECTRIC DC MOTOR WITH OR WITHOUT RELAY

T-80



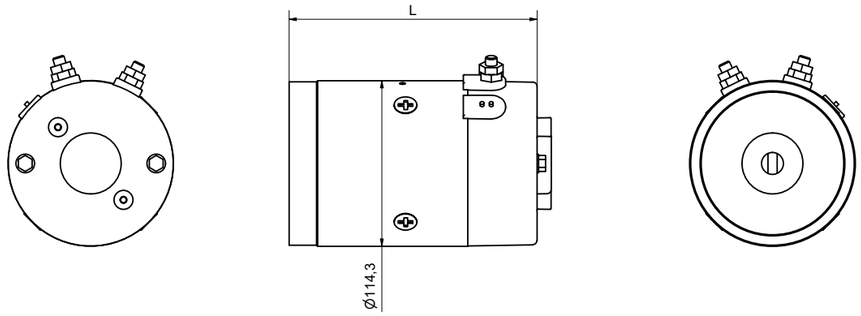






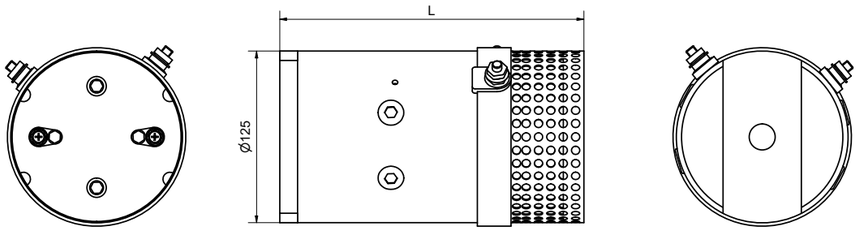
Reference	Description	Nominale Duty Cycle	Nominal Speed (rpm)	Rotation	Nominal Current	L (mm)
VNKPPP040100	Motor T-80 24DC 500W w/o Relay	S2 = 2,5 min S3 = 10% ED	2300	CW-CCW	150A	144
VNKPP040102	Motor T-80 12DC 500W w/ Relay	S2 = 2,5 min S3 = 10% ED	2300	CW-CCW	150A	136
VNKPP040103	Motor T-80 12DC 800W w/ Relay	S2 = 3 min S3 = 10% ED	3000	CW-CCW	150A	138
VNKPP040104	Motor T-80 24DC 800W w/ Relay	S2 = 3 min S3 = 10% ED	3400	CW-CCW	150A	136

T-112



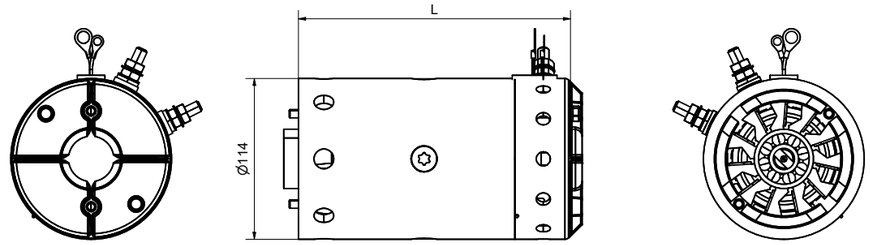
Reference	Description	Nominale Duty Cycle	Nominal Speed (rpm)	Rotation	Nominal Current	L (mm)
VNKPP040105	Motor T-112 12DC 1600W w/ Relay	S2 = 5 min S3 = 20% ED	2800	CCW	150A	179.8
VNKPP040105.6	MOTOR T112 24DC 1600W CCW C/RELE 150A	S2=3min S3=10%	2600	CW-CCW	150A	154,5
VNKPP040106	Motor T-112 24DC 2200W w/ Relay	S2 = 3,5 min S3 = 15% ED	2400	CCW	150A	154.3
VNKPP040107	Motor T-112 24DC 2200W w/ Relay	S2 = 3,5 min S3 = 15% ED	2900	CW	150A	179.8
VNKPP040109	Motor T-112 12DC 2100W w/ Relay	S2 = 2,5 min S3 = 10% ED	2400	CCW	150A	181
VNKPP040111	MOTOR T112 48DC 2000W CCW C/Relay 200A	S2=3,5min S3=15%	2600	CW-CCW	150A	153,8

T-125



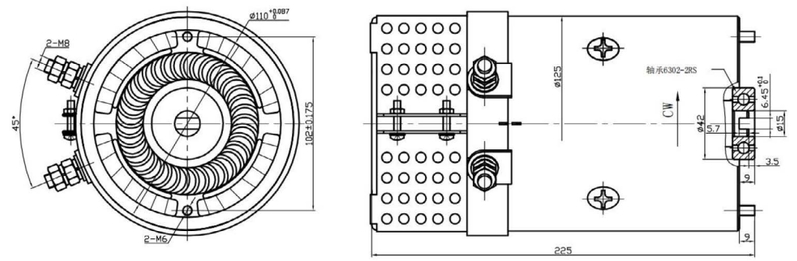
Reference	Description	Nominale Duty Cycle	Nominal Speed (rpm)	Rotation	Nominal Current	L (mm)
VNKPP040110	Motor T-125 24DC 3000W w/o Relay	S2 = 4 min S3 = 8% ED	2850	CCW	150A	216.5

T-112 FAN



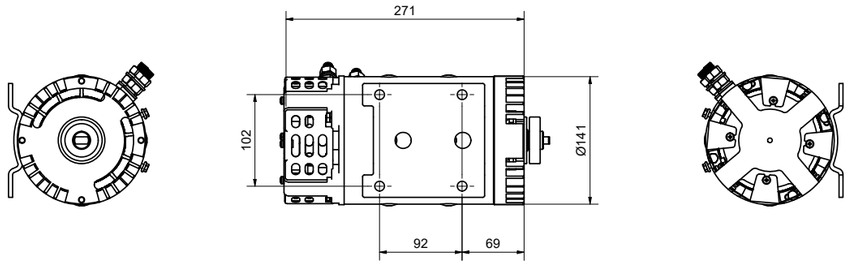
Reference	Description	Nominale Duty Cycle	Nominal Speed (rpm)	Rotation	Nominal Current	L (mm)
VNKPP040105.2	Motor Fan T-112 12DC 1600W w/ Relay	S2 = 12 min S3 = 10% ED	2800	CCW	150A	179.8
VNKPP040107.1	Motor Fan T-112 24DC 2200W w/ Relay	S2 = 8 min S3 = 20% ED	2900	CCW	150A	179.8
VNKPP040109.5	MOTOR VENT. T112 12DC 2100W CCW C/RELE 150A	S2=2,2min S3=7%	2400	CW-CCW	150A	192,3

T-125 FAN



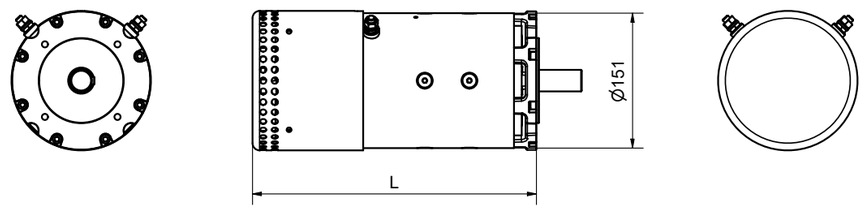
Reference	Description	Nominale Duty Cycle	Nominal Speed (rpm)	Rotation	Nominal Current	L (mm)
VNKPP040113	Motor Fan T-112 24DC 3000W w/o Relay	S2 = 12 min S3 = 10% ED	2800	CCW	120A	225
VNKPP040112.5	MOTOR VENT. T125 12DC 3000W CCW S/Relay	S2=4min S3=8%	2700	CW-CCW	150A	240

T-141 FAN



Reference	Description	Nominale Duty Cycle	Nominal Speed (rpm)	Rotation	Nominal Current	L (mm)
VNKPP040119	MOTOR VENT. T141 24DC 4000W CCW S/Relay	S2=18min S3=26%	2300	CW-CCW	150A	271,5

T-151 FAN



Reference	Description	Nominale Duty Cycle	Nominal Speed (rpm)	Rotation	Nominal Current	L (mm)
VNKPP040114	Motor Fan T-151 12DC 2500W w/o Relay	S2 = 7 min S3 = 15% ED	1700	CCW	298A	318
VNKPP040116	Motor Fan T-151 24DC 3000W w/o Relay	S2 = 15 min S3 = 20% ED	1700	CCW	190A	318

CONNECTION KIT



Reference	Type
VNKPP040601	Kit connection T-80
VNKPP040602	Kit connection T-112/125
VNKPP040603	Kit connection T-141/151

RELAYS FOR DC MOTOR



Reference	Type	Amp. (A)	Voltage (V)
VNKPP040606	Relay 12 DC 150A	150	12
VNKPP040607	Relay 24 DC 150A	150	24
VNKPP040608	Relay 48 DC 150A	150	48
VNKPP040609	Relay 12 DC 300A	300	12
VNKPP040610	Relay 24 DC 300A	300	24

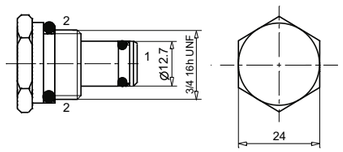
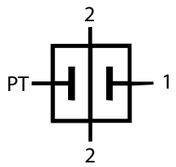
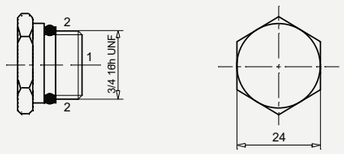
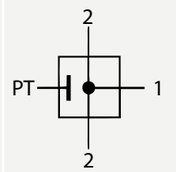
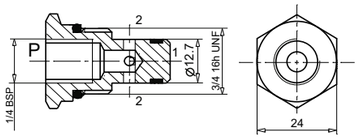
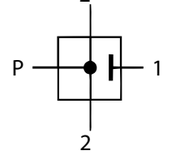
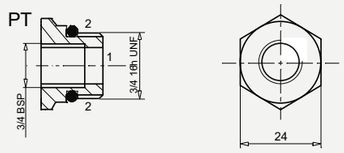
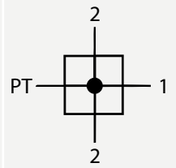
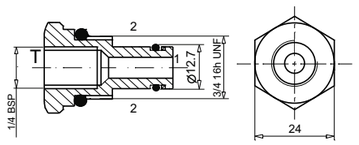
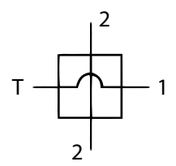
DC MOTOR PROTECTION COVER



Reference	Type
VNKPP040611	Cover DC motor T-112

PLUGS BODY CENTRAL

GROUPS K0,K1

	Reference	Dimension	Symbols	Housing
ASS. CODE 12	VNKPP050101			A C D E S V
ASS. CODE 13	VNKPP050102			C D E
ASS. CODE 14	VNKPP050103			C D E
ASS. CODE 15	VNKPP050104			C D E
ASS. CODE 16	VNKPP050105			C D E

CHECK VALVES

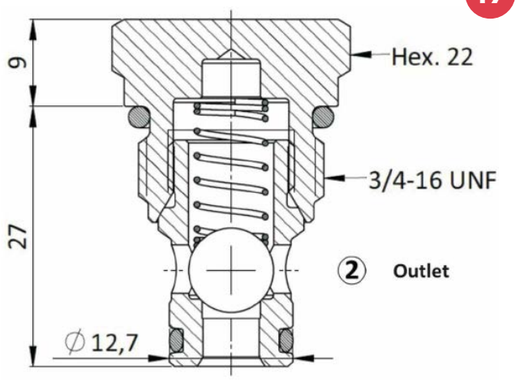
GROUPS K0,K1

● VNKPP050201.2/. 3

ASS. CODE 17







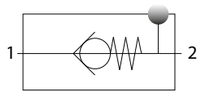
MAIN FEATURES

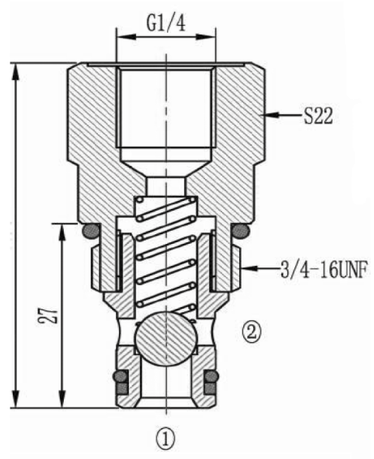
Max preassure	420 bar
Max flow	30 l/min.
Weight	0,055 kg
Cracking pressure	2,1 bar

● VNKPP050202

ASS. CODE 17,1







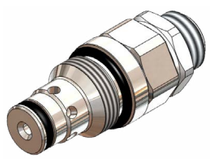
MAIN FEATURES

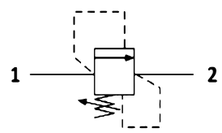
Max preassure	250 bar
Max flow	20 l/min.
Weight	0,065 kg
Cracking pressure	0.7 bar

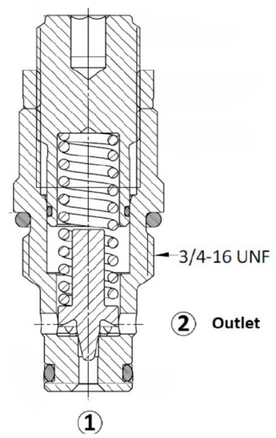
CHECK VALVES

Reference	P (bar)	Flow (l/min)	Weight	Checking preassure	Ass. Code
VNKPP050201.2	420	30	0.055	0,5	17
VNKPP050203	420	30	0.055	1.5	17
VNKPP050202	250	20	0.065	0.5	17

RELIEF VALVES







ASS. CODE 18

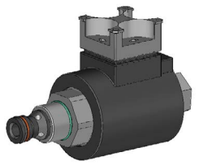
MAIN FEATURES

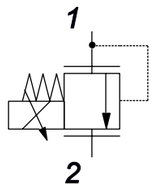
Max preassure	350 bar
Weight	0,100 kg

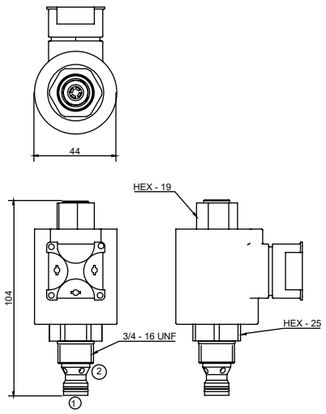
RELIEF VALVES GROUP K0 & K1

Reference	Flow (L/min)	Working Range (bar)
VNKPP050301	10 (L/min)	5 - 40
VNKPP050302	25 (L/min)	10 - 160
VNKPP050303	10 (L/min)	50 - 210
VNKPP050304	25 (L/min)	100 - 350
VNKPP050305	30 (L/min)	55-180
VNKPP050306	30(L/min)	120-300

PROPORTIONAL EMERGENCY (GROUPS K0, K1)







ASS. CODE 24

MAIN FEATURES

Max preassure	241 bar
Max flow	11.4 l/min.

Reference	Q (l/m)	Working range (bar)	Voltatge
VNKPP050712	11.4	0-138	24 D.C.

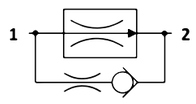
FLOW REGULATOR

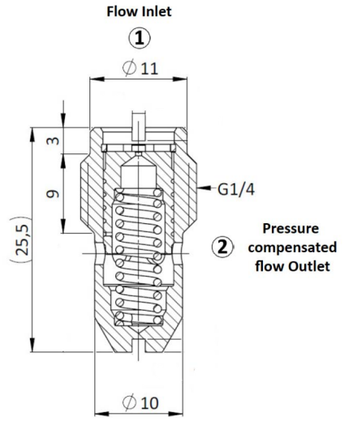
GROUPS K0,K1

FIXED COMPENSATED FLOW REGULATOR THREADED

ASS. CODE 22







MAIN FEATURES

Max preassure	250 bar
Max flow	12 l/min.
Weight	0,013 kg

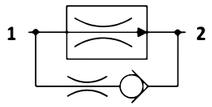
COMPENSATED FLOW REGULATOR (Group K0 & K1)

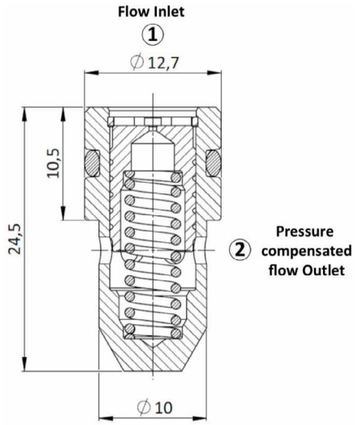
Reference	Q (L/min)	Reference	Q (L/min)
VNKPP050401	1,2	VNKPP050405	6
VNKPP050401.2	1.6	VNKPP050406	7
VNKPP050402	3	VNKPP050407	9.5
VNKPP050403	4	VNKPP050408	12
VNKPP050404	5		

FIXED COMPENSATED FLOW REGULATOR INSERTED

ASS. CODE 21







MAIN FEATURES

Max preassure	250 bar
Max flow	12 l/min.
Weight	0,065 kg

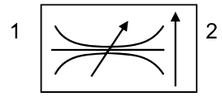
COMPENSATED FLOW INSERTED (Group K0 & K1)

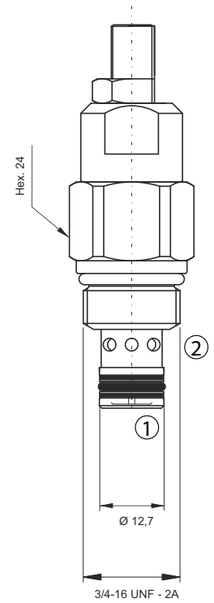
Reference	Q (L/min)	Reference	Q (L/min)
VNKPP050411	1,2	VNKPP050415	6
VNKPP050411.5	1.5	VNKPP050416	7
VNKPP050412	3	VNKPP050419	9.5
VNKPP050413	4	VNKPP050418	12
VNKPP050414	5		

3/4-16 UNF COMPENSATED FLOW REGULATOR

ASS. CODE 20







MAIN FEATURES

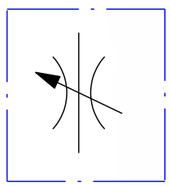
Max preassure	350 bar
Max flow	24 l/min.
Weight	0,11 kg

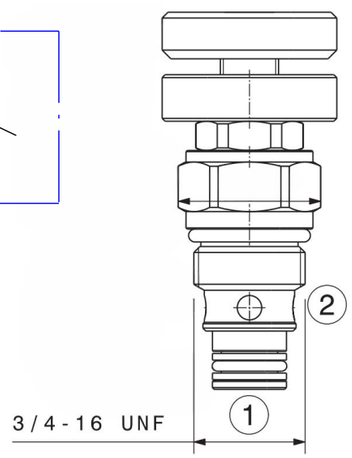
RANGE AVALIBLE

Reference	Controlled flow at 100 bar ± 10% l/min
VNKPP050419	0.6 ÷ 2.2
VNKPP050420	1.3 ÷ 5.1
VNKPP050421	4 ÷ 14.4
VNKPP050422	7.2 ÷ 24

FLOW REGULATOR 3/4-16 UNF







ASS. CODE 19

ASS. CODE 3

ADJUSTMENTS	
VNKPP050426	VNKPP050427



Handknob and locknut



Leakproof hex socket screw

MAIN FEATURES

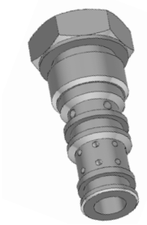
	Max preassure	250 bar
	Max flow	30 l/min.
	Installation torque	27-30 Nm

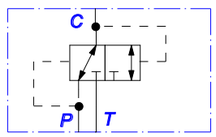
FLOW REGULATOR 3/4-16 UNF

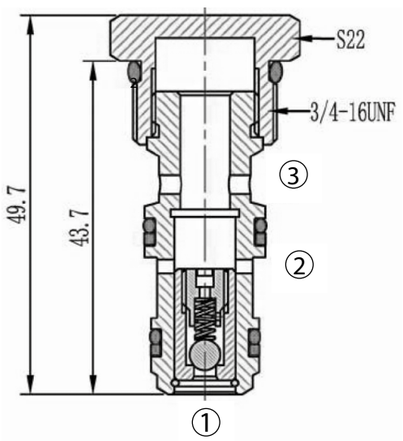
Reference	P (bar)	Flow (l/m)	Install Torque (Nm)	Handknob	Ass. Code
VNKPP050426	350	30	27-30	YES	19
VNKPP050427	350	30	27-30	NO	3

PILOTED VALVE

3/4 " UNF







MAIN FEATURES

	Operating preassure	250 bar
	Internal leakage	5 drops/min
	Temperature	-40ºC->+120ºC

PILOTED VALVE 3/4" UNF

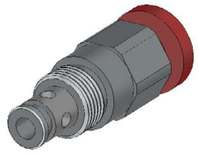
Reference	Pressure (bar)	Internal leakage (drop/min)
VNKPP050504	240	5

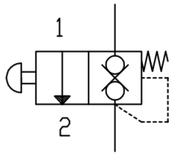
MANUAL VALVES

3/4 " UNF

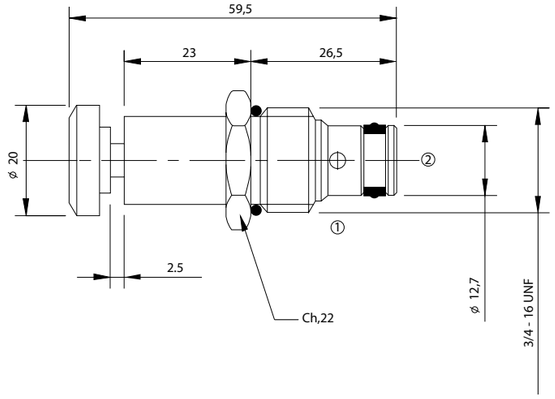
VNKPP050501 (Manual Emergency Valves)

ASS. CODE 4





The manual emergency valves open the passage of oil in a hydraulic circuit by a manual command (blocked flow in both directions).



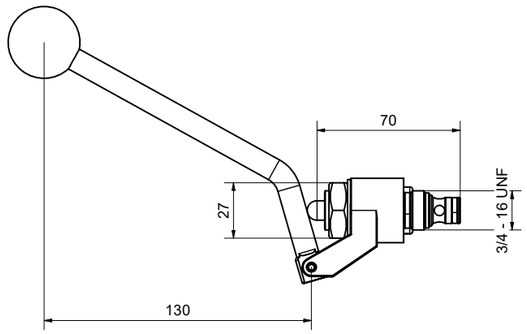
MAIN FEATURES

Max preassure	320 bar	
Max flow	25 l/min.	1 -> 2
Weight	0,15 kg	

MANUAL VALVE W/ LEVEL

ASS. CODE 1





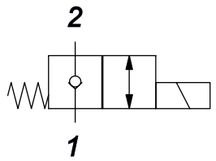
MAIN FEATURES

Max preassure	250 bar	
Max flow	20 l/min.	

SOLENOIDS 2/2

GROUPS K0, K1





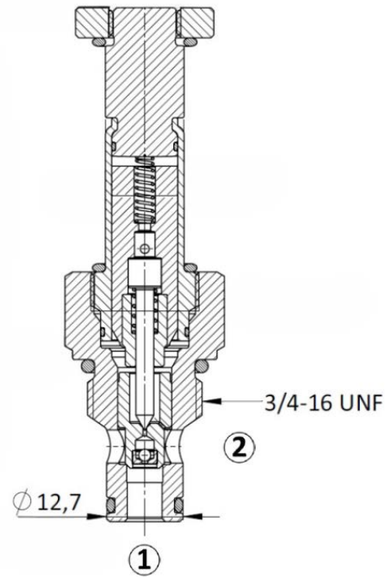
SAE Cartridge - 350 bar
NC Single Lock Pilot Operated
Poppet Type
Power: 18/22 wats

MAIN FEATURES

Max preassure	350 bar	
Max flow	40 l/min.	
Weight	0,15 kg	

ASS. CODE 7 N.O.

ASS. CODE 10 N.O. + EMERGENCY

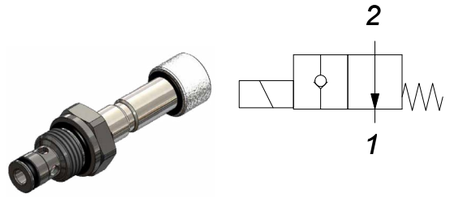


SOLENOIDS 2/2 GROUPS K0, K1

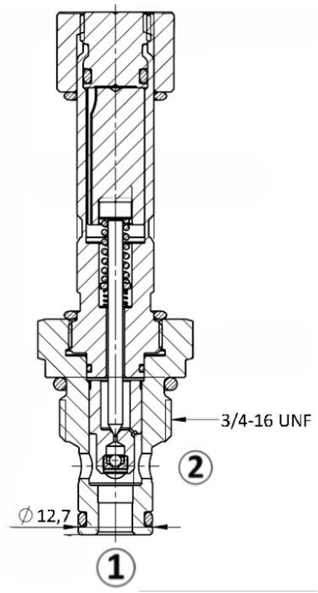
Reference	Type	Q (l/m)	Max P (bar)	Power (W)	
VNKPP050601	N.C.	40	350	18/22	3/4 UNF
VNKPP050604	N.C. + Emergency	40	350	18/22	3/4 UNF
VNKPP050604.1	N.C. + Emergency	20	250	18/22	3/4 UNF
VNKPP050609	N.C.	30	207	18/22	3/4 UNF *

** ROUND COIL*

GROUPS K0, K1



SAE Cartridge - 350 bar
NO Single Lock Pilot Operated
Poppet Type
Power: 18/22W



ASS. CODE 8 N.O.

ASS. CODE 9 N.O. + EMERGENCY

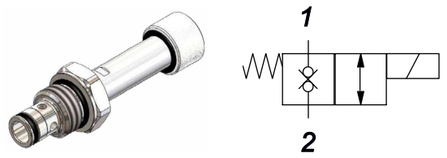
SOLENOIDS 2/2 GROUPS K0, K1

Reference	Type	Q (l/m)	Max P (bar)	Power (W)	
VNKPP050602	N.O.	40	350	18/22	3/4 UNF
VNKPP050603	N.O. + Emergency	40	350	18/22	3/4 UNF
VNKPP050612	N.O.	30	207	18/22	3/4 UNF *

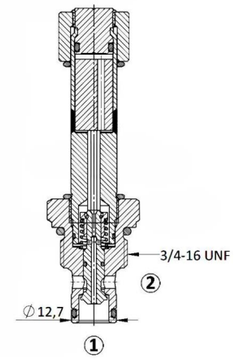
** Round Coil*

DOUBLE CHECK VALVE (With Emergency Groups K0, K1)

N.C.



SAE Cartridge - 350 bar
NC Double Lock Pilot Acting
Poppet Type
Power: 18/22W

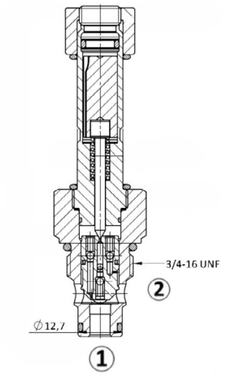


ASS. CODE 6

N.O.



SAE Cartridge - 350 bar
NO Double Lock Pilot Operated
Poppet Type
Power: 22W

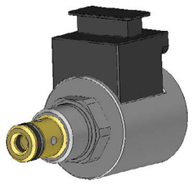


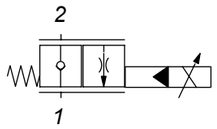
ASS. CODE 5

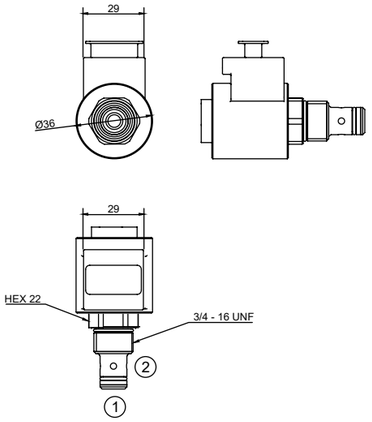
SOLENOIDS 2/2 DOUBLE CHECK W/EMER. GROUPS K0, K1

Reference	Type	Q (l/m)	Max P (bar)	Power	
VNKPP050605	N.C. + Emergency	15	250	18/22W	3/4 UNF
VNKPP050606	N.O. + Emergency	40	350	22W	3/4 UNF
VNKPP050607	N.C. + Emergency	30	250	22W	3/4 UNF
VNKPP050608	N.C. + Emergency	40	350	18/22W	3/4 UNF

PROPORTIONAL W/O EMERGENCY







ASS. CODE 11

SAE Cartridge - 250 bar
NC Double Lock Pilot Acting
Poppet Type

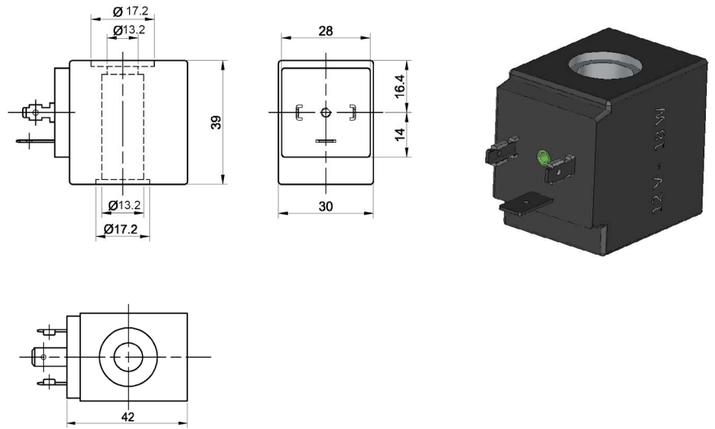
SOLENOIDS 2/2 PROPORTIONAL W/O EMERG. GROUPS K0, K1

Reference	Type	Q (l/m)	Voltage	
VNKPP050701	N.C.	25	12 dc	3/4 UNF
VNKPP050702	N.C.	25	24 dc	3/4 UNF

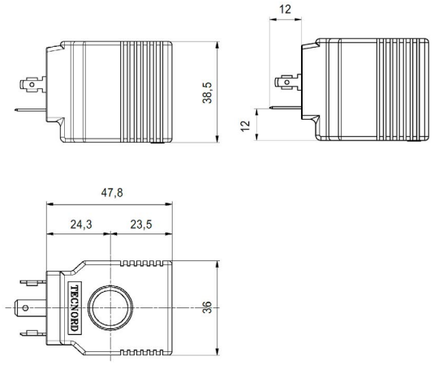
COILS

GOUPS K0, K1

VNKPP05080X



VNKPP05090X RECTANGULAR

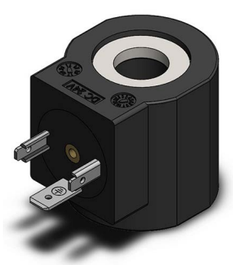


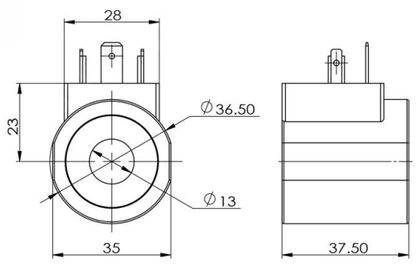


FILTERS

GOUPS K0, K1

VNKPP05090X ROUND

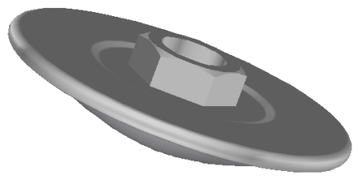


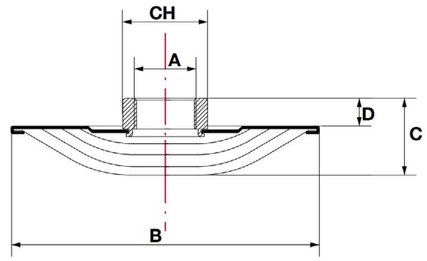


COIL. GROUPS K0, K1

Reference		Watt	Voltage	Coil
VNKPP050801	13	18	12 DC	Rectangular
VNKPP050802	13	18	24 DC	Rectangular
VNKPP050803	13	18	110 RAC	Rectangular
VNKPP050804	13	18	220 RAC	Rectangular
VNKPP050901	13	22	12 DC	Rectangular
VNKPP050902	13	22	24 DC	Rectangular
VNKPP050903	13	22	26DC	Rectangular
VNKPP050904	13	22	110 RAC	Rectangular
VNKPP050905	13	22	220 RAC	Rectangular
VNKPP050908	13	22	12 DC	Round
VNKPP050909	13	22	24 DC	Round
VNKPP050909.5	13	22	220 RAC	Round
VNKPP050910	13	18	12 DC	Round
VNKPP050911	13	18	24 DC	Round
VNKPP050912	13	18	220 RAC	Round
VNKPP050913	13	18	24 VAC	Round
VNKPP050914	13	18	24 V RAC	Round

SUCTION FILTERS (GROUPS K0,K1)

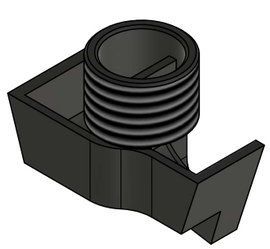


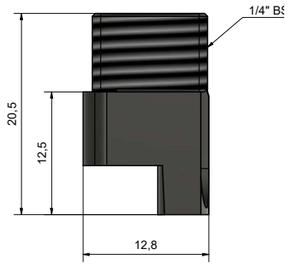


Reference	A	B	C	D	CH	Filtering Surface	Flow
	(mm)	(mm)	(mm)	(mm)	(mm)	(cm^2)	(l/min)
VNKPP060101	3/8	63	20	8	22	30	13
VNKPP060102	3/8	80	21	7	22	50	14

VNKPP060103

Relief valve return filter
To be mounted in cavity Tr

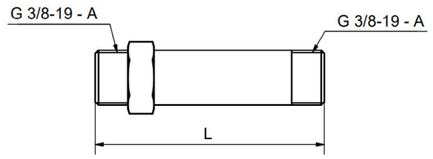




It reduces foam and noise when relief valve is laminating.
Recommended for all vertical mounting tanks.

SUCTION TUBE (GROUPS K0,K1)



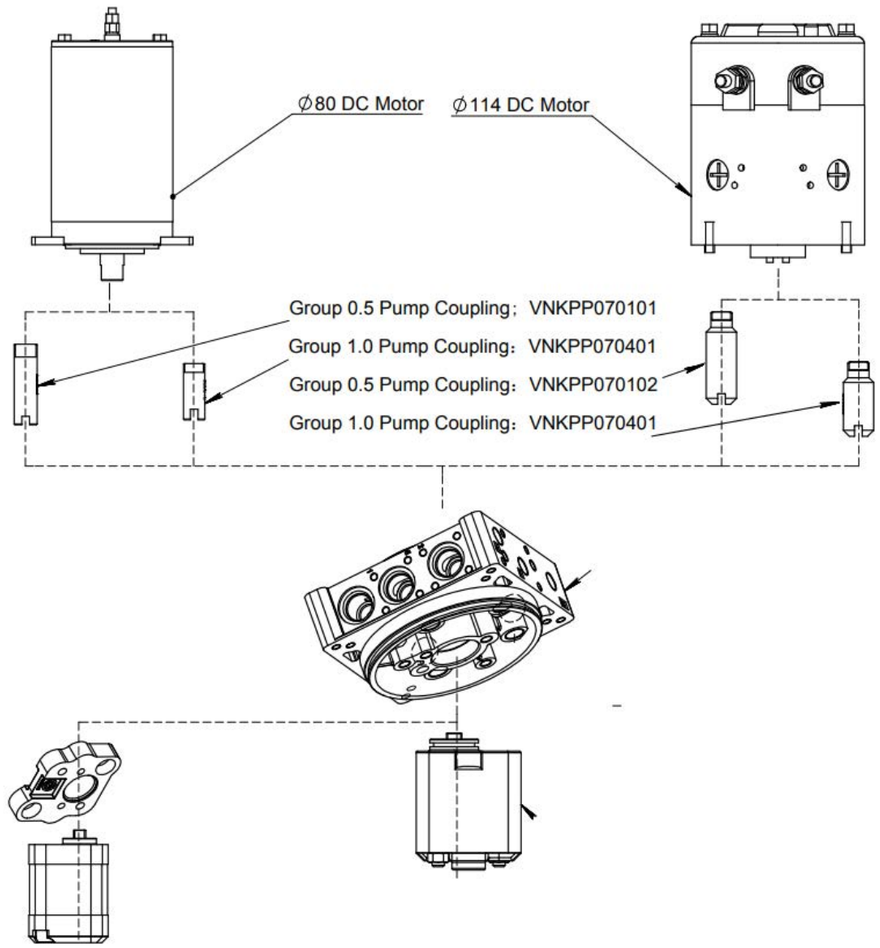


SUCTION TUBE GROUP K1

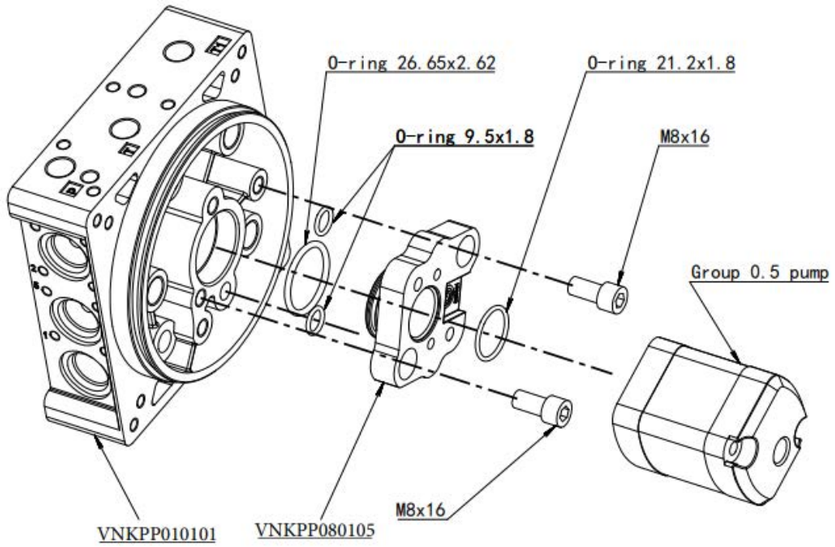
Reference	L (mm)	Reference	L(mm)
VNKPP060301	35	VNKPP060307	175
VNKPP060302	70	VNKPP060308	205
VNKPP060303	80	VNKPP060309	240
VNKPP060304	100	VNKPP060310	315
VNKPP060305	130	VNKPP060311	400
VNKPP060306	160		

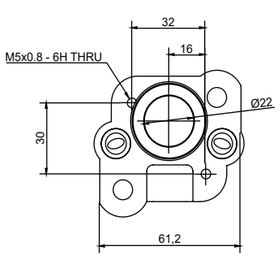
COUPLINGS

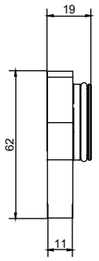
DC MOTORS PUMPS ASSEMBLY GUIDE

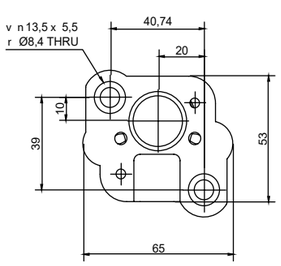


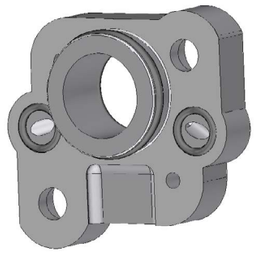
MANIFOLD AND GROUP 0.5 PUMP ASSEMBLY







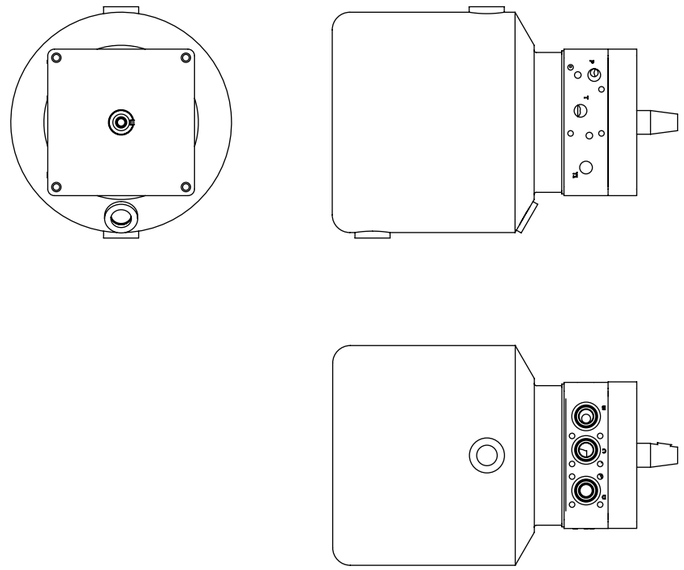


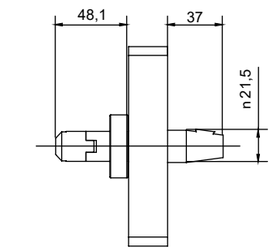


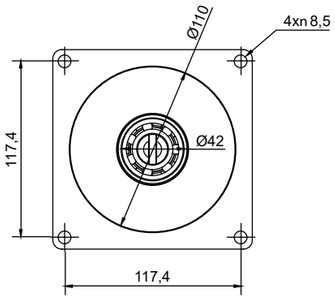
Model	Weight/kg
VNKPP080105	0.07

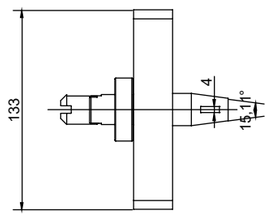
COUPLING PULLEY

VNKPP080302







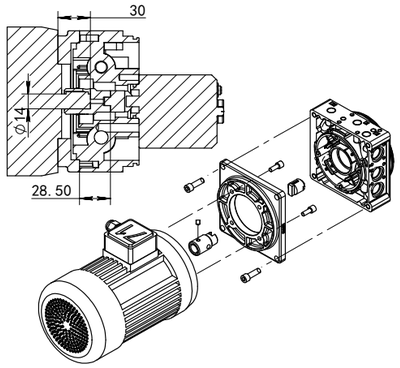




COUPLING T-71

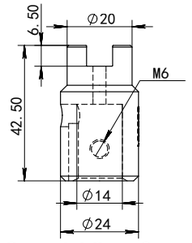
Mounting kit for frame 71 B14 AC Motors



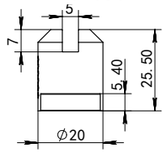


Couplings

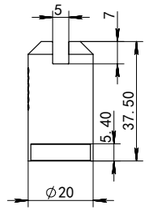
Motor side
VNKPP070502



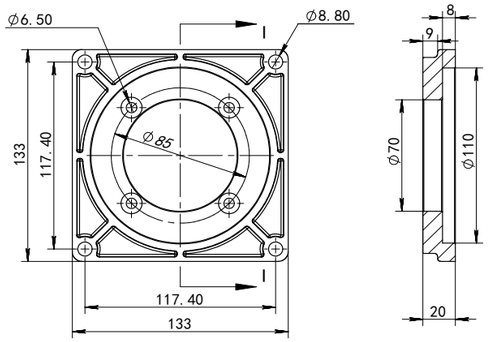
Group 1.0 Pump Side
VNKPP070501



Group 0.5 Pump Side
VNKPP070103



Aluminuim Flange: VNKPP080202

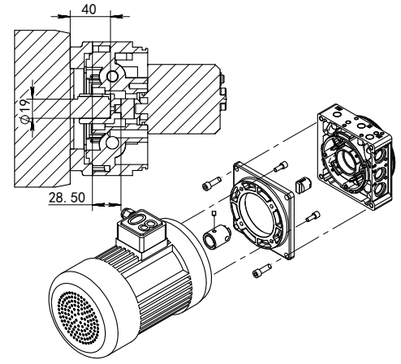


Description	Part Number	Weight (kg)
Motor side Cumpling	VNKPP070502	0.095
Group 0.5 Pump Side Coumpling	VNKPP070103	0.080
Group 1.0 Pump Side Coumpling	VNKPP070501	0.050
Aluminium Flange	VNKPP080202	0.30
Motor Flange Assembly Screw	4X DIN 912 M6X16	0.030
Manifold Flange Assembly Screw	4X DIN 912 M8X25	0.060
Cumpling Screw	DIN 912 M6X8	-

COUPLING T-80

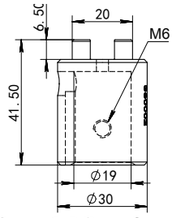
Mounting kit for frame 80 B14 AC Motors



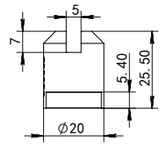


Couplings

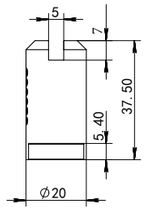
Motor side
VNKPP070503



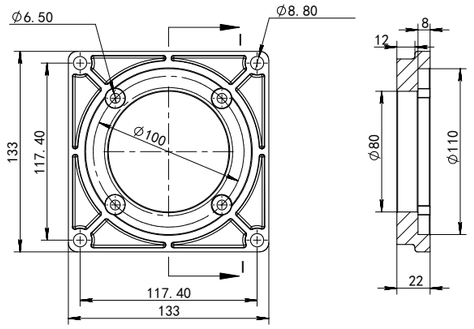
Group 1.0 Pump Side
VNKPP070501



Group 0.5 Pump Side
VNKPP070103



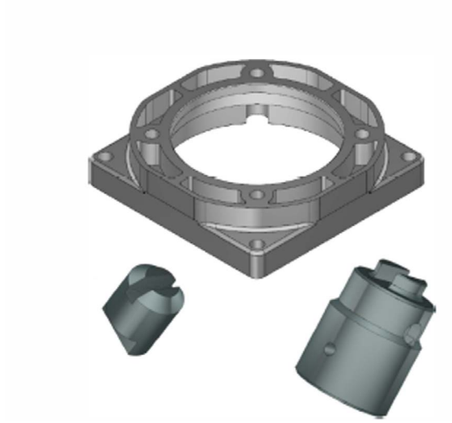
Aluminuim Flange: VNKPP080203

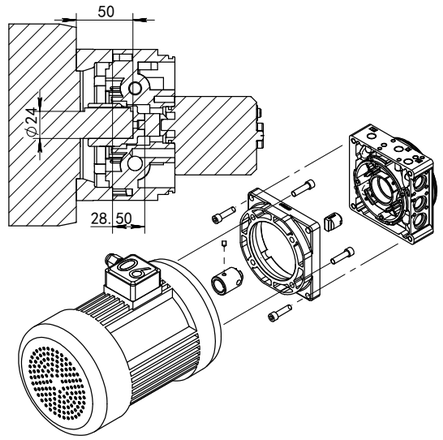


Description	Part Number	Weight (kg)
Motor side Cumpling	VNKPP070503	0.125
Group 0.5 Pump Side Coumpling	VNKPP070103	0.080
Group 1.0 Pump Side Coumpling	VNKPP070501	0.050
Aluminium Flange	VNKPP080203	0.310
Motor Flange Assembly Screw	4X DIN 912 M6X16	0.030
Manifold Flange Assembly Screw	4X DIN 912 M8X25	0.060
Cumpling Screw	M6X8	-

COUPLING T-90

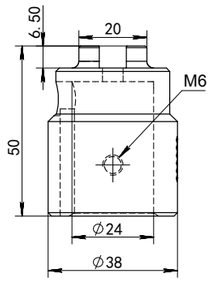
MOUNTING KIT FOR FRAME 90 B14 AC MOTORS



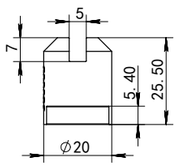


COUPLINGS

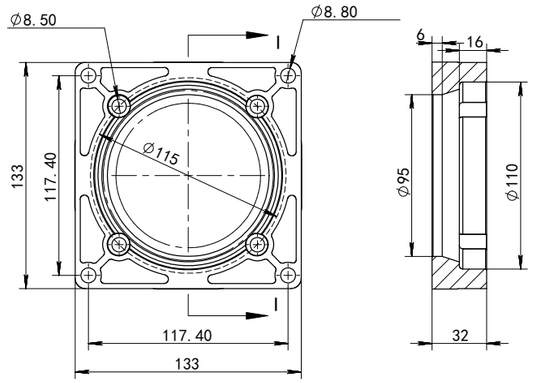
MOTOR SIDE
VNKPP070504



GROUP 1.0 PUMP SIDE
VNKPP070501



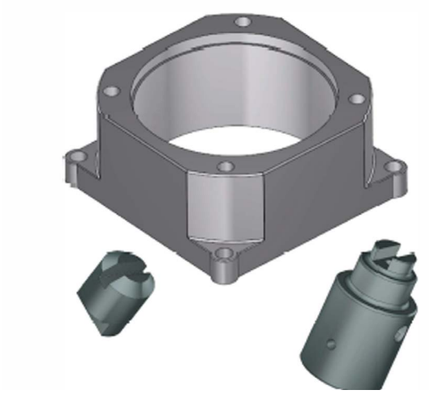
ALUMINUIM FLANGE: VNKPP080204

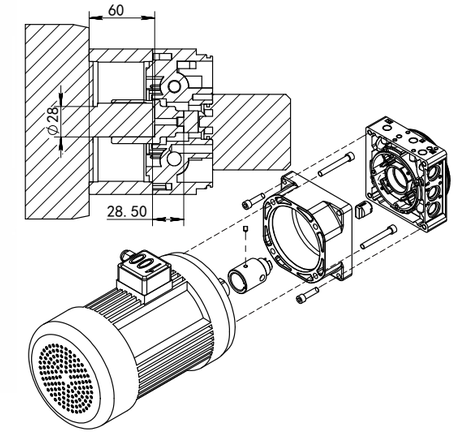


Description	Part Number	Weight (kg)
Motor side Cumpling	VNKPP070504	0.220
Group 1.0 Pump Side Coumpling	VNKPP070501	0.050
Aluminium Flange	VNKPP080204	0.390
Motor Flange Assembly Screw	4X DIN 912 M8X16	0.050
Manifold Flange Assembly Screw	4X DIN 912 M8X30	0.065
Cumpling Screw	DIN 912 M6X8	-

COUPLING T-100/112

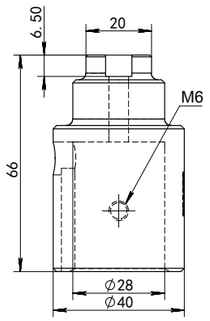
MOUNTING KIT FOR FRAME 100/112 B14 AC MOTORS



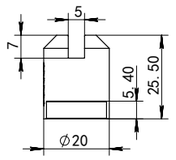


COUPLINGS

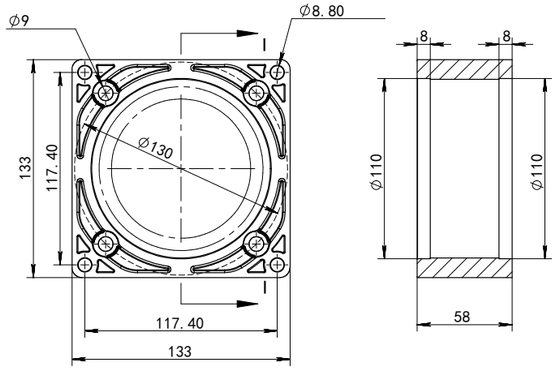
MOTOR SIDE
VNKPP070505



GROUP 1.0 PUMP SIDE
VNKPP070501



ALUMINUIM FLANGE: VNKPP080205



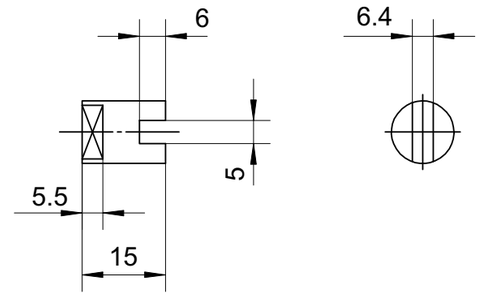
Description	Part Number	Weight (kg)
Motor Side Cumpling	VNKPP070504	0.310
Group 1.0 Pump Side Coumpling	VNKPP070501	0.050
Aluminium Flange	VNKPP080205	0.700
Motor Flange Assembly Screw	4X DIN 912 M8X55	0.125
Manifold Flange Assembly Screw	4X DIN 912 M8X30	0.065
Cumpling Screw	DIN M6X8	-

COUPLINGS GROUP K1

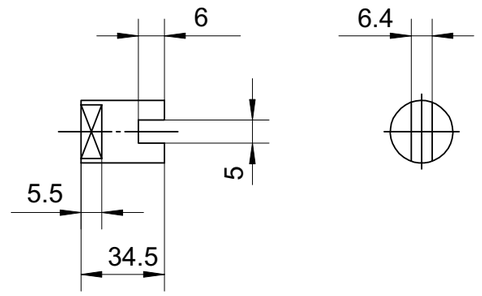
Reference	Type	HP (cv)
VNKPP070401	T-80 DC	-
VNKPP070402	T-112 DC	-
VNKPP070501	T-71...T-112 AC Pump	-
VNKPP070502	T-71	0.33...0.5
VNKPP070503	T-80	0.75...1
VNKPP070504	T-90	1.5...2
VNKPP070505	T-100...T-1125 AC	3...5.5

COUPLINGS AND FLANGES GROUP K0

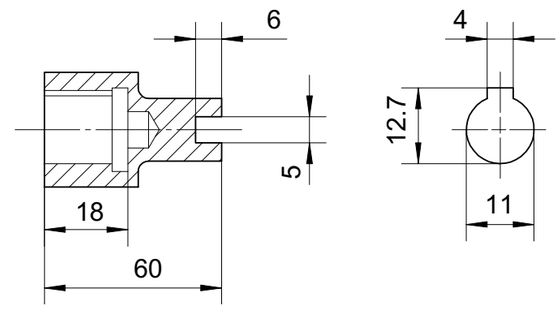
VNKPP070201



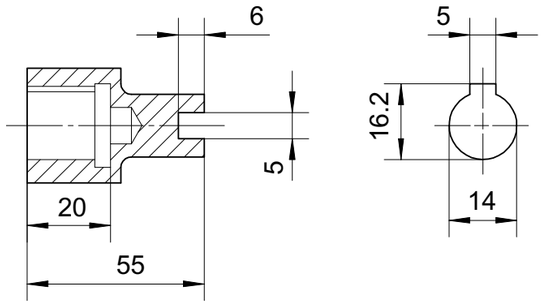
VNKPP070202



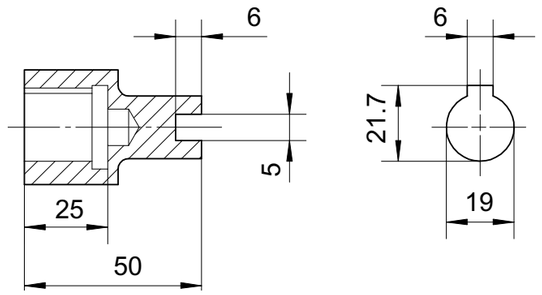
VNKPP070203



VNKPP070204



VNKPP070205



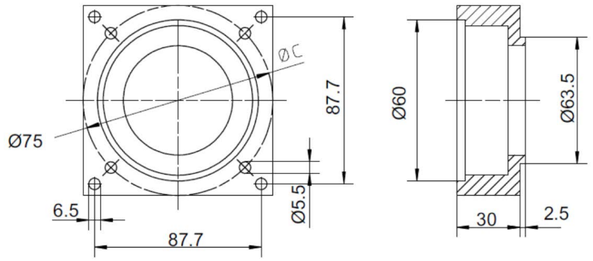
COUPLING GROUP K0

Reference	Type	HP (cv)
VNKPP070201	T-80 DC	-
VNKPP070202	T-112 DC	-
VNKPP070203	T-63 AC	0.16...0.25
VNKPP070204	T-71 AC	0.33...0.5
VNKPP070205	T-80 AC	0.75...1

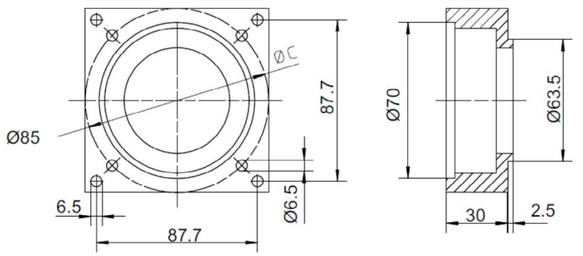
FLANGES GROUP K0



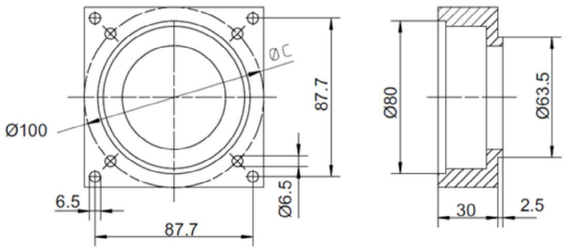
VNKPP080102



VNKPP080103

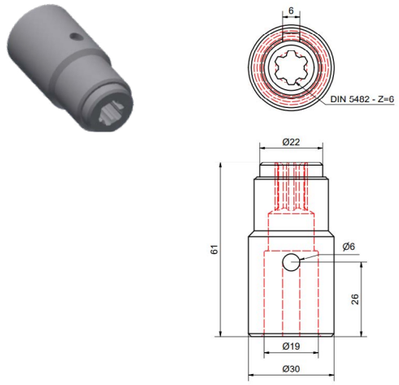


VNKPP080104

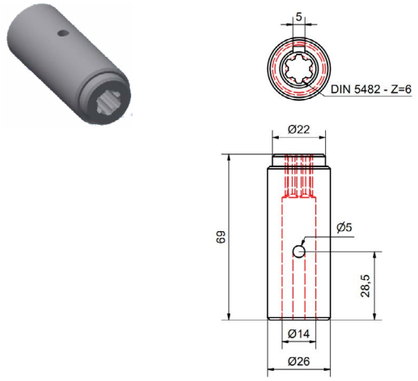


COUPLINGS SPLINED GROUP K1

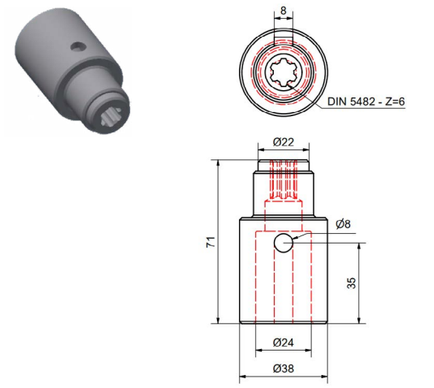
VNKPP070506



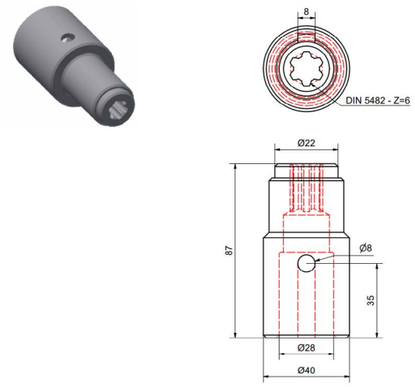
VNKPP070507



VNKPP070508



VNKPP070509

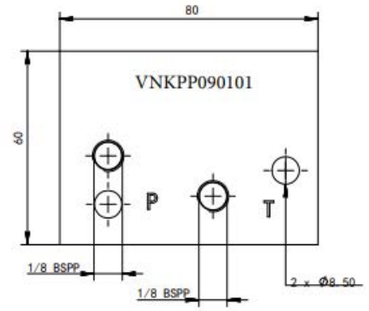


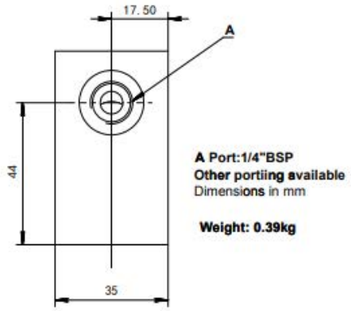
COUPLING SPLINED GROUP K1

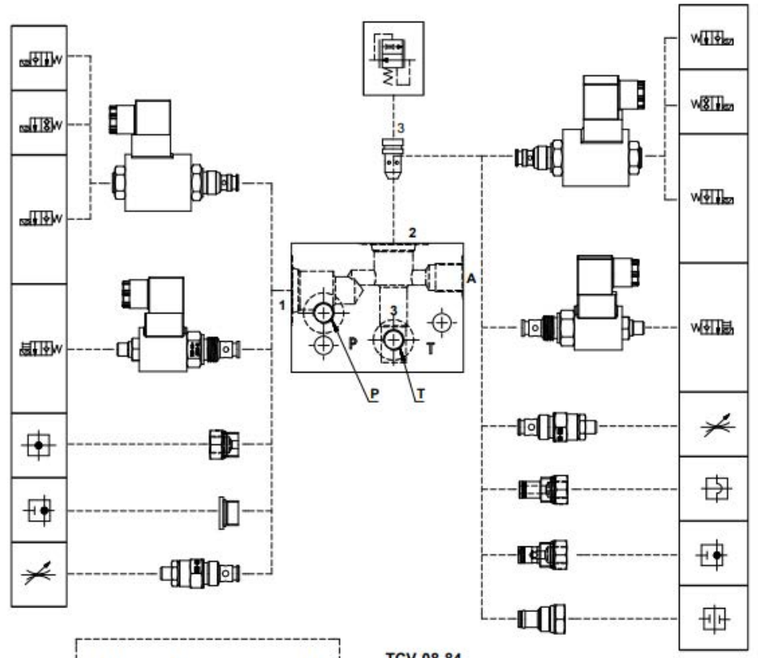
Reference	Type	HP (cv)
VNKPP070506	T-71 AC	0.33...0.5
VNKPP070507	T-80 AC	0.75...1
VNKPP070508	T-90 AC	1.5...2
VNKPP070509	T-100...T-112 AC	3...5.5

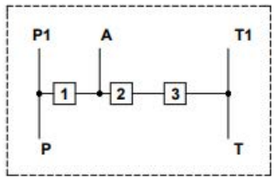
MANIFOLDS

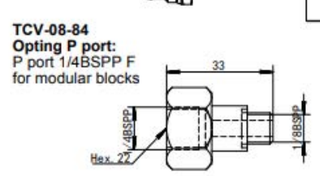
MANIFOLD BLOCK ASSEMBLY



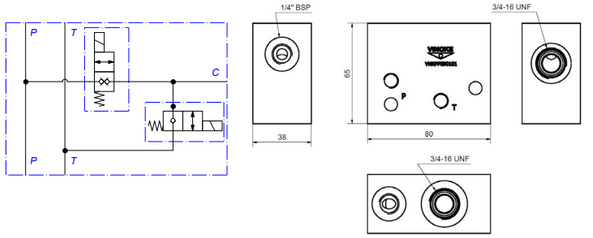
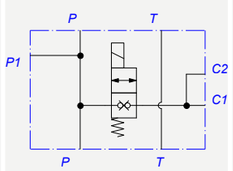
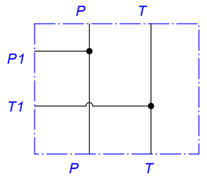
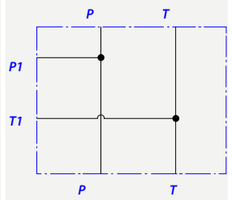


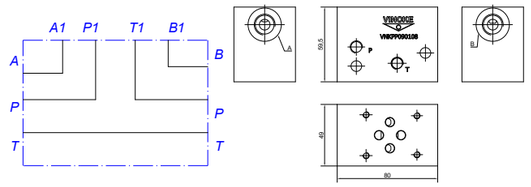
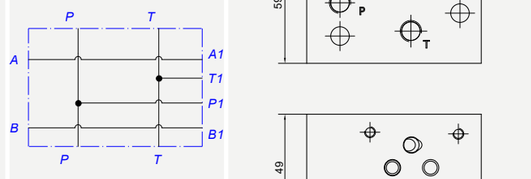
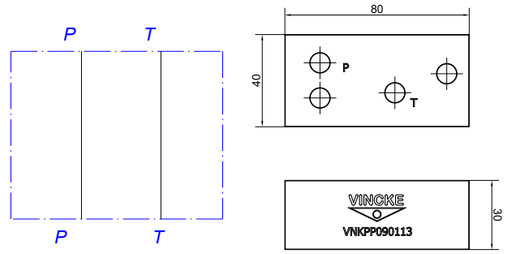
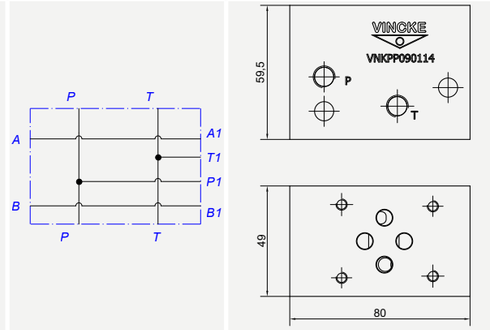




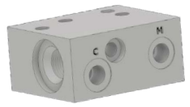


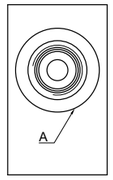
MANIFOLD TYPES

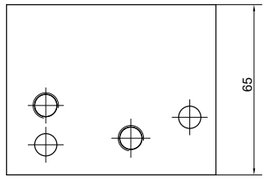
ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
VNKPP090101	Modular Manifold additional Single-Action function		**P-T Port: 1/8"BSPP** **C Port: 1/4" BSPP** Dimensions in mm
VNKPP090105	Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position		**P-T Port: 1/8"BSPP** **P1 C1 Port: 1/4"BSPP** **C2 Port: 3/8"BSPP** **Other porting is available** Dimensions in mm
VNKPP090106	Motor Side 90º rotation Manifold		**P-T Port: 1/8"BSPP** **P1 T1 Port: 1/4"BSPP** Dimensions in mm
VNKPP090107	Motor Side 90º Rotation Manifold		**P T Port: 1/8"BSPP** **P1 T1 Port: 1/4"BSPP** Dimensions in mm

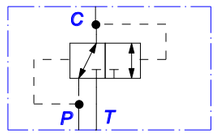
ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
VNKPP090108	NG8(CETOP3) Modular WManifolds, Series connection Lateral Ports		**P-T Port: 1/8"BSPP** **A.B Port: 3/8"BSPP** **Other porting is available** Dimensions in mm
VNKPP090109	NG6(CETOP3) Modular Manifolds Parallel Connection Rear Ports.		**P T Port: 1/8"BSPP** **A B Port: 3/8"BSPP** **Other porting is available** Dimensions in mm
VNKPP090113	Spacer Manifold Adapter		Dimensions in mm
VNKPP090114	NG6(CETOP3) Modular Manifolds Parallel Connection Lateral Ports.		**P T Port: 1/8"BSPP** **A B Port: 3/8"BSPP** **Other porting is available** Dimensions in mm

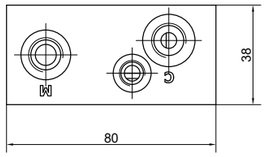
MANIFOLD PILOTED VALVE (VNKPP090116)



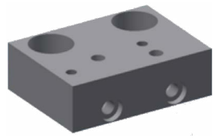


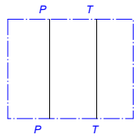


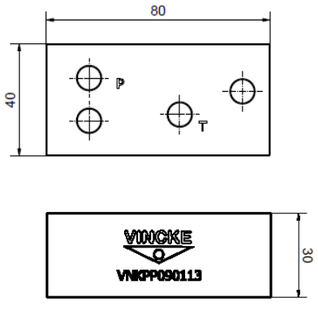


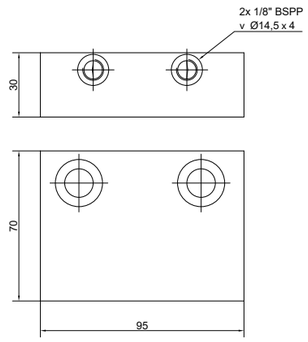


CONVERTER MANIFOLD K0/K1 (VNKPP090001)

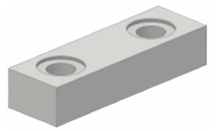


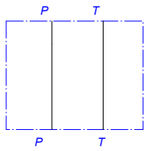


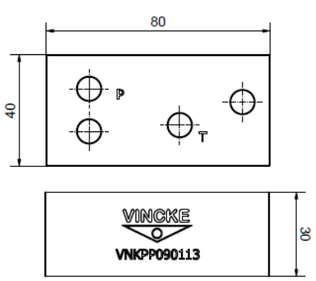


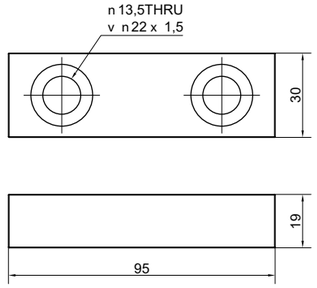


SPACE MANIFOLD K0 (VNKPP090003)







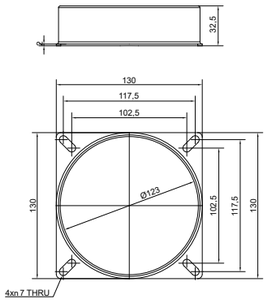


NECK FOR TANKS

GROUPS K1

VNKPP100102



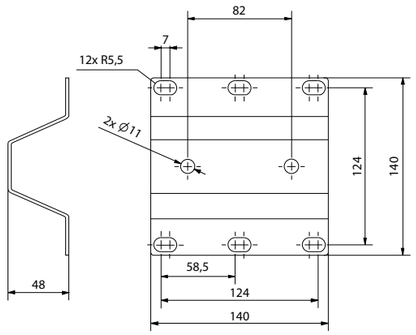


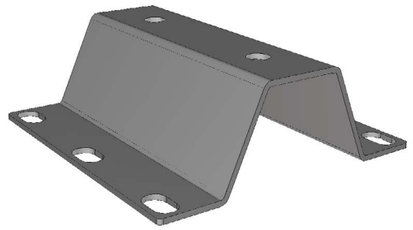
Reference	Dimensions	Type
VNKPP100102	123mm x 25mm	K1

FIXING SUPPORT

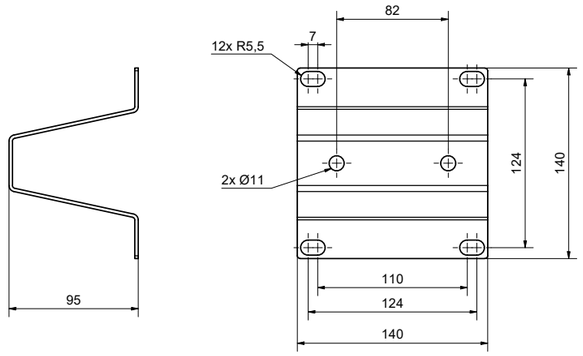
GROUPS K0/K1

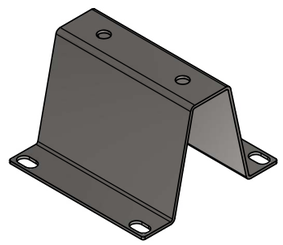
VNKPP100103





VNKPP100104

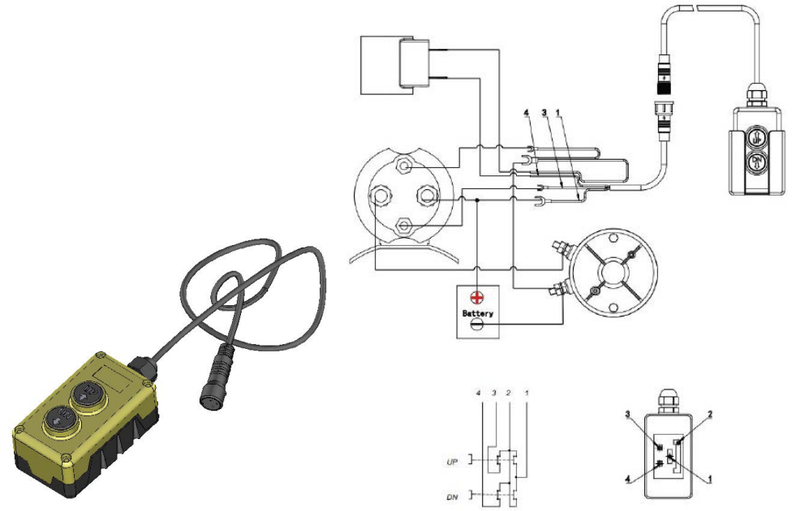




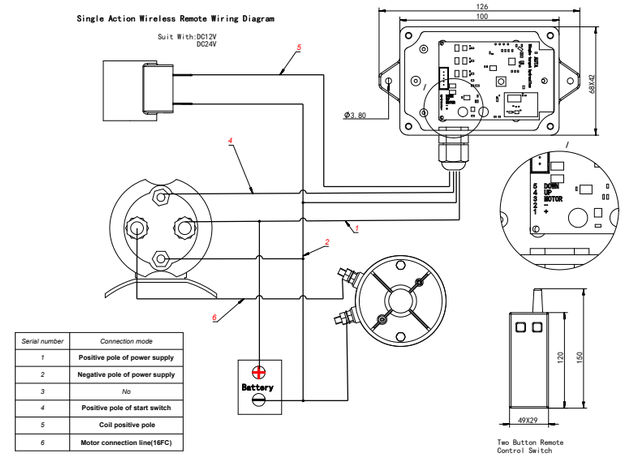
Reference	Dimensions	Type
VNKPP100103	140 X 48	VPP-1
VNKPP100104	140 X 95	VPP-2

REMOTE CONTROL

SINGLE ACTION SWITCH DIAGRAM (VNKPP100110)

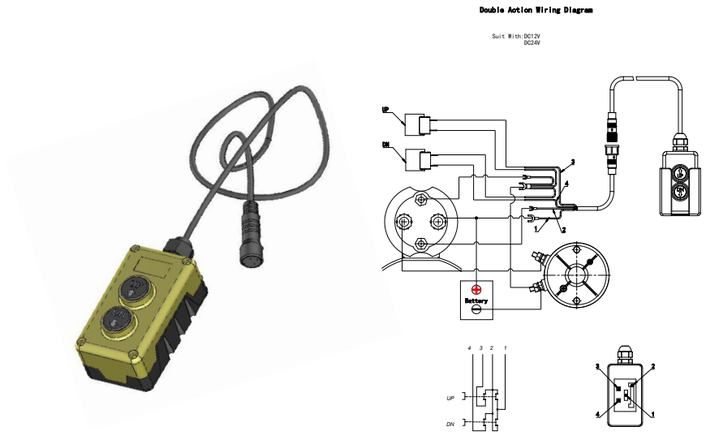


SINGLE ACTION WIRELESS REMOTE DIAGRAM (VNKPP100200)

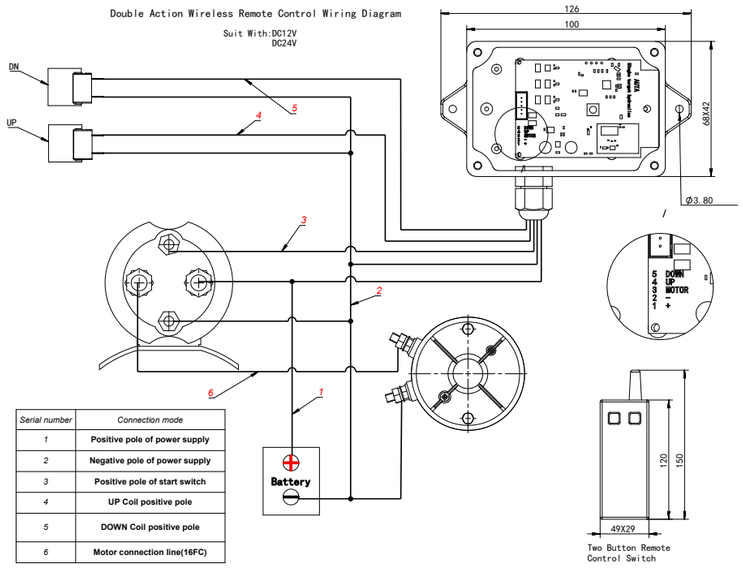


Serial number	Connection mode
1	Positive pole of power supply
2	Negative pole of power supply
3	No
4	Positive pole of start switch
5	Coil positive pole
6	Motor connection line(16FC)

DOUBLE ACTION SWITCH DIAGRAM (VNKPP100110)

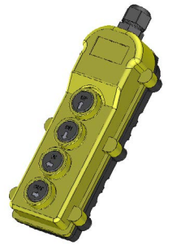


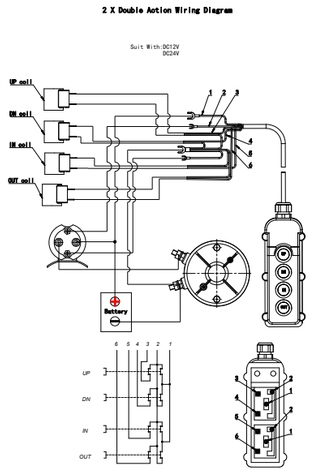
DOUBLE ACTION WIRELESS REMOTE DIAGRAM (VNKPP100201)



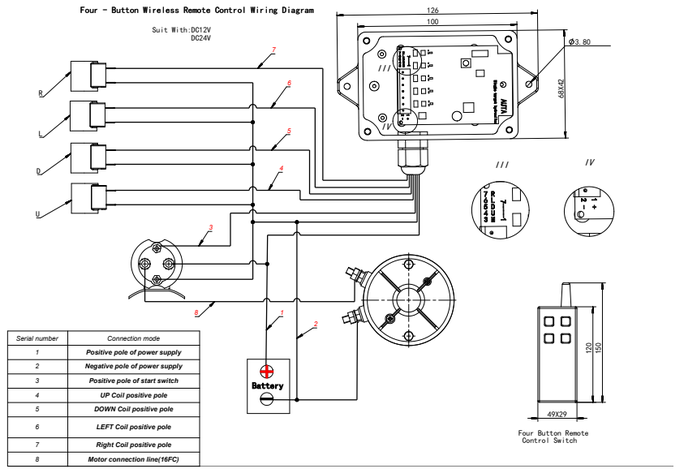
Serial number	Connection mode
1	Positive pole of power supply
2	Negative pole of power supply
3	Positive pole of start switch
4	UP Coil positive pole
5	DOWN Coil positive pole
6	Motor connection line(16FC)

FOUR BUTTONS DOUBLE ACTION SWITCH DIAGRAM (VNKPP100111)





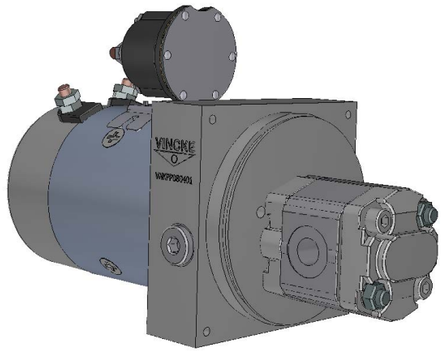
FOUR BUTTONS DOUBLE ACTION WIRELESS REMOTE DIAGRAM (VNKPP100202)

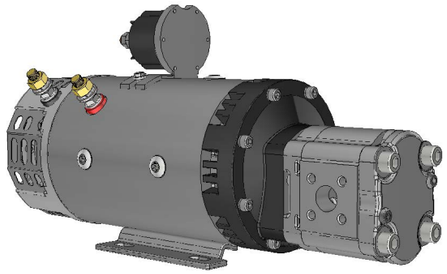


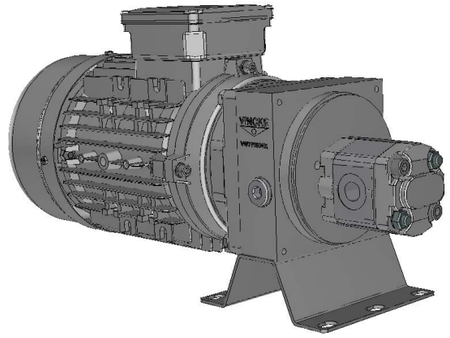
Serial number	Connection mode
1	Positive pole of power supply
2	Negative pole of power supply
3	Positive pole of start switch
4	UP Coil positive pole
5	DOWN Coil positive pole
6	LEFT Coil positive pole
7	Right Coil positive pole
8	Motor connection line(16FC)

REMOTE CONTROL

Reference	Type	Nº of buttons	Type
VNKPP100110	Single & Double action 1 cylinder	2	Cable
VNKPP100111	Single & Double action 2 cylinder	4	Cable
VNKPP100200	Single action Wireless	2	Wireless
VNKPP100201	Double action Wireless	2	Wireless
VNKPP100202	Single & Double action Wireless	4	Wireless







MPCC

GR.0 - GR.1	
C01	500W 12DC Ø80
C02	500W 24DC Ø80
C03	800W 12DC Ø80
C04	800W 24DC Ø80
C05	1600W 12DC Ø112
C06	1600W 12DC Ø112 Fan.
C07	1600W 24DC Ø112
C08	2100W 12DC Ø112
C09	2200W 24DC Ø112
C10	2100W 12DC Ø112Fan.
C11	2200W 24DC Ø112Fan.
C12	2000W 48DC Ø112
C13	3000W 24DC Ø125
C14	2000W 12DC Ø125 Fan.
C15	3000W 12DC Ø125Fan.
C16	3000W 24DC Ø125Fan.
C17	2500W 12DC Ø151Fan.[1]
C18	3000W 24DC Ø151Fan.[1]
C19	4000W 24DC Ø141Fan.[1]

GR.2	
C20	3000W 24DC Ø141
C21	4500W 24DC Ø141
C22	5500W 24DC Ø151

RELE	
OMIT	NONE
R1	150A
R3	300A

GEAR PUMP			
Gr.0	Gr.1	Gr.1 Side Ports	Gr.2 Flanged
0,19cc	0,80cc	1,10cc	4cc
0,25cc	1,10cc	1,80cc	6cc
0,38cc	1,30cc	2,10cc	8cc
0,50cc	1,60cc	3,20cc	12cc
0,75cc	1,80cc	3,70cc	
0,88cc	2,10cc	4,20cc	
1,00cc	2,70cc	4,80cc	
1,25cc	3,20cc	5,80cc	
1,50cc	3,70cc	7,00cc	
1,75cc	4,20cc	8,00cc	
2,00cc	4,80cc	10,00cc	
	5,80cc	13,00cc	
	7,00cc		
	8,00cc		
	9,80cc		

SIDE PORTS	
FL	FLANGED
TH	THREADED

OPTIONS	
SCC	Fixing support
VU14	1/4G check valve
VU38	3/8G check valve
DV14	1/4G flow valve
DV38	3/8G flow valve
B14-90	[1]Coupling B14 size 90 (ONLY T-141/T-151)

MPAC

TYPE	DESCRIPTION
T-63	0,16 - 0,25 CV
T-71	0,33 - 0,5 CV
T-80	0,75 - 1 CV
T-90	1,5 - 2 CV
T-100	3-4 CV
T-112	5,5 CV
T-112	7,5CV

CHARACTERISTICS
2P IE1
2P IE3
2P IE1 UL
2P IE3 UL
4P IE1
4P IE3
4P IE1 UL
4P IE3 UL

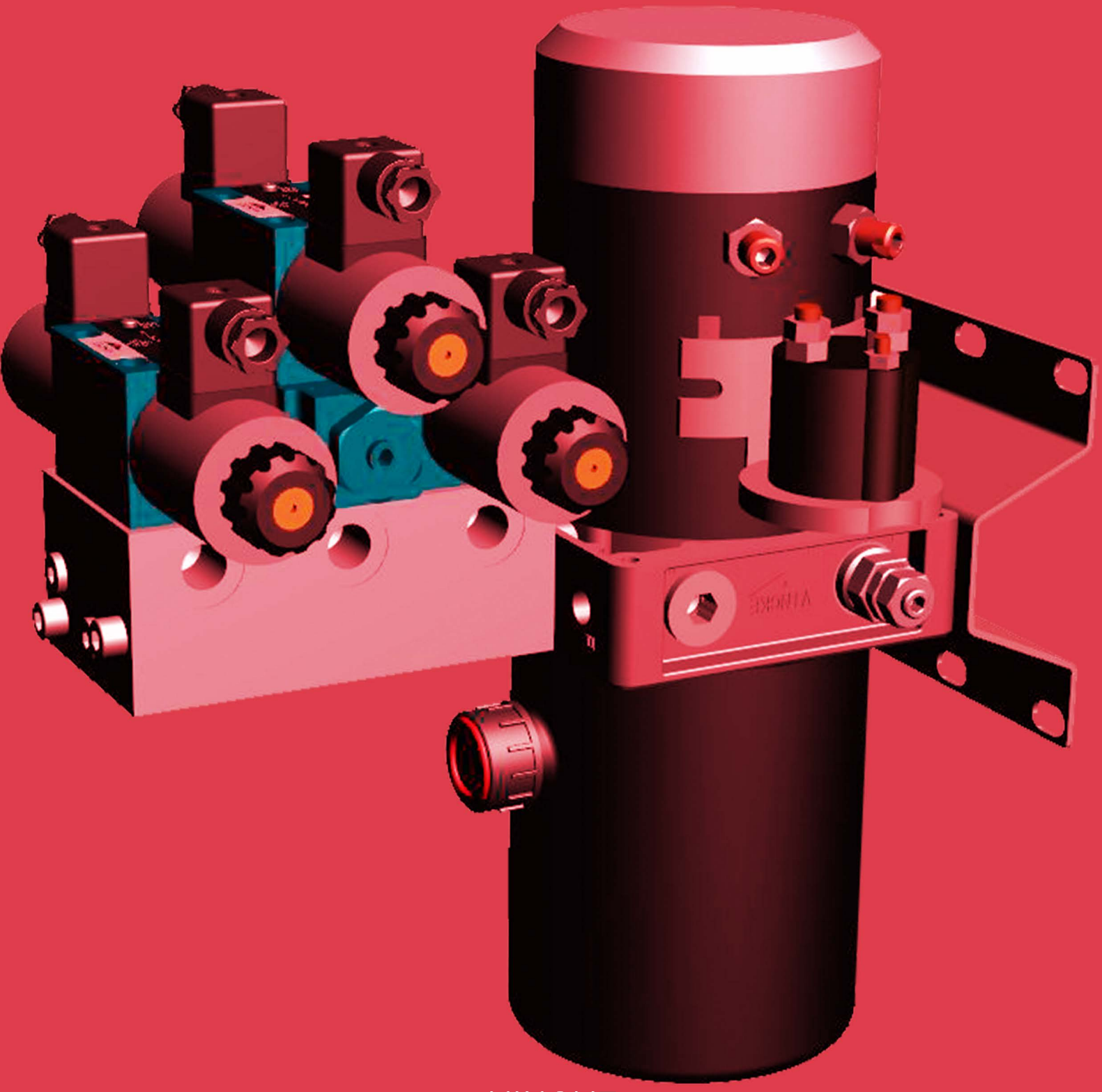
PHASE	
1Ph	ONE-PHASE
3Ph	THREE-PHASE

GEAR PUMP			
Gr.0	Gr.1	Gr.1 Side Ports	
0,19cc	0,80cc	1,10cc	
0,25cc	1,10cc	1,80cc	
0,38cc	1,30cc	2,10cc	
0,50cc	1,60cc	3,20cc	
0,75cc	1,80cc	3,70cc	
0,88cc	2,10cc	4,20cc	
1,00cc	2,70cc	4,80cc	
1,25cc	3,20cc	5,80cc	
1,50cc	3,70cc	7,00cc	
1,75cc	4,20cc	8,00cc	
2,00cc	4,80cc	10,00cc	
	5,80cc	13,00cc	
	7,00cc		
	8,00cc		
	9,80cc		
	12,00cc		
	13,00cc		

SIDE PORTS	
FL	FLANGED
TH	THREADED

OPTIONS	
SCC	Fixing support
B3	Foot mounting support
VU14	1/4G check valve
VU38	3/8G check valve
DV14	1/4G flow valve
DV38	3/8G flow valve

POWER PACKS



VINCKE