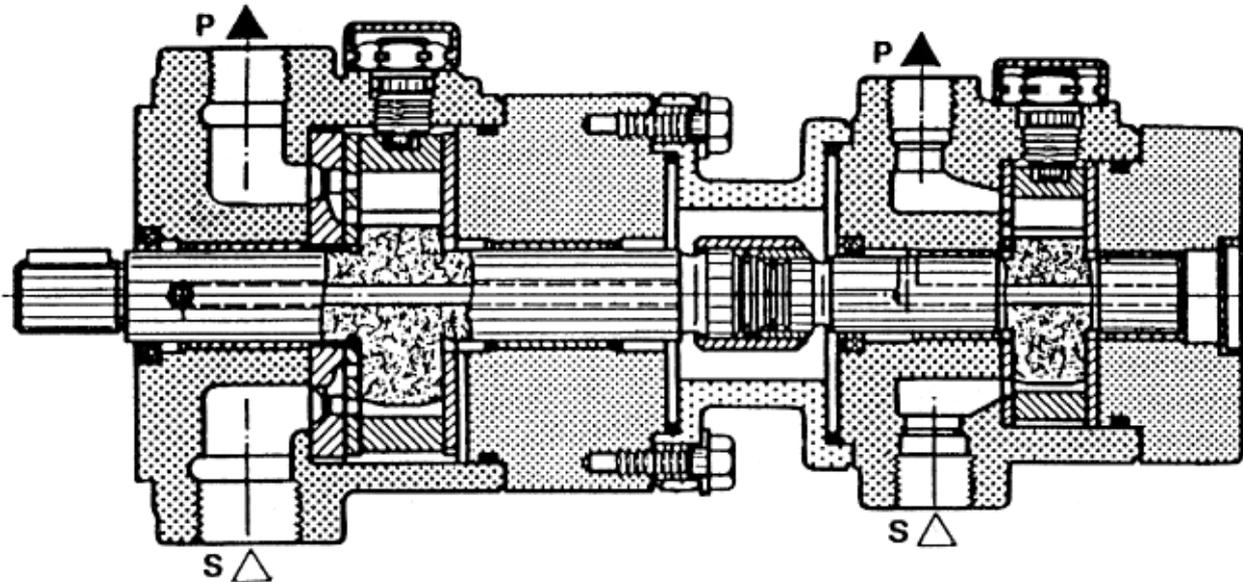
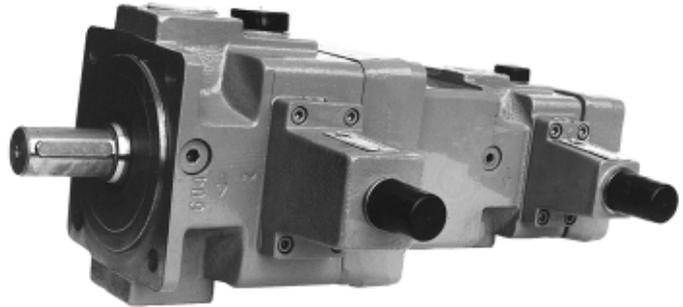


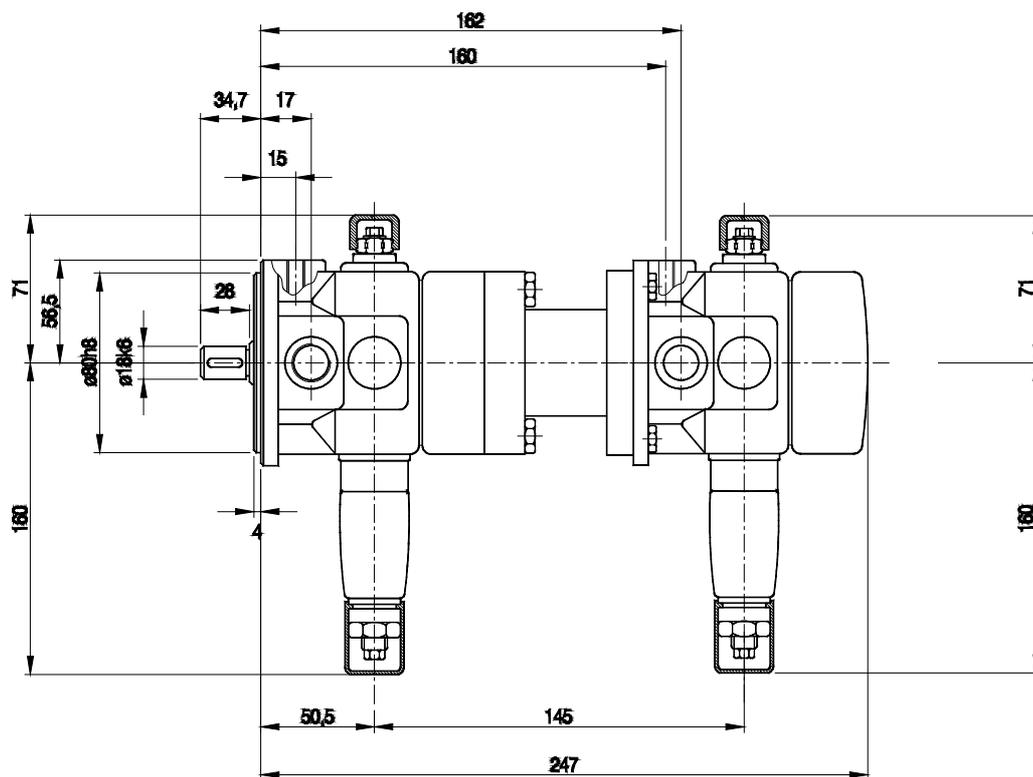
The pump combination V3 + V3 is composed of two variable displacement vane pumps.

The front pump is flange or subplate mounted. Both pumps are driven from one common shaft. Their delivery flow varies from $Q = 0$ to Q_{max} as required by the user. Variable flow displacement is gained by means of the pressure compensator. Because of this, loss of power in the circuit is kept to a minimum.

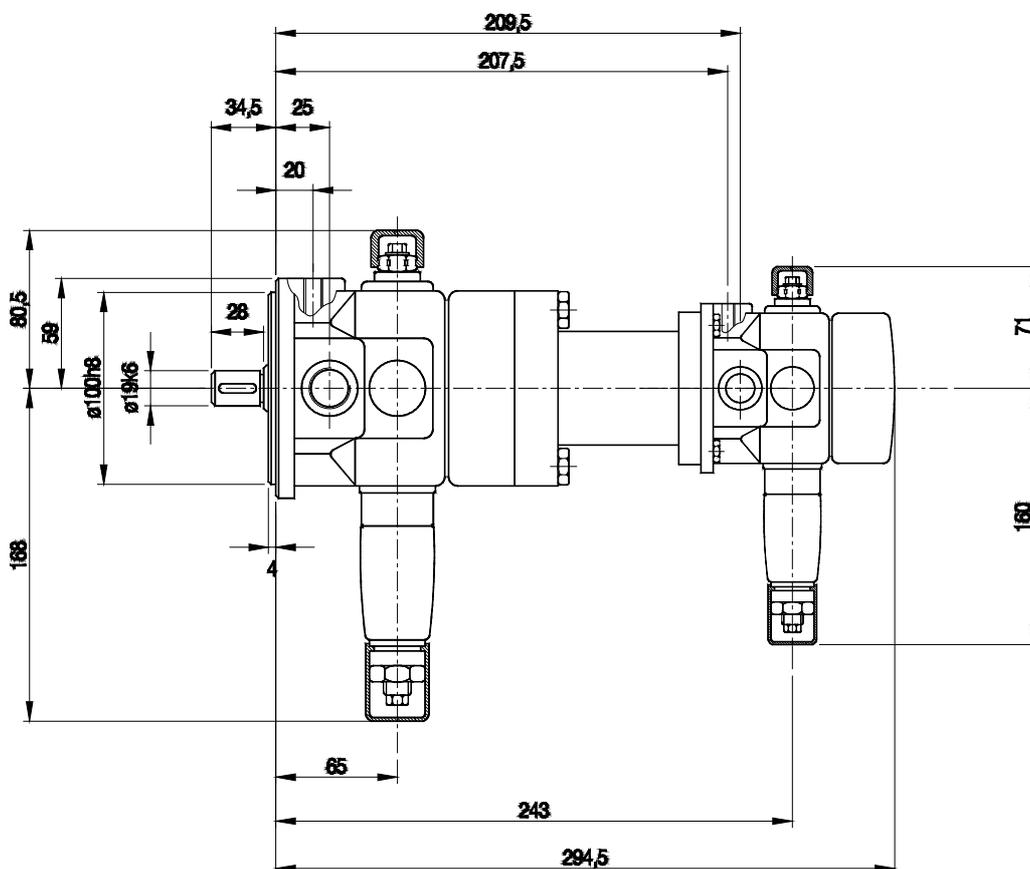
For further details on the individual pumps see the data cards of pumps V3.



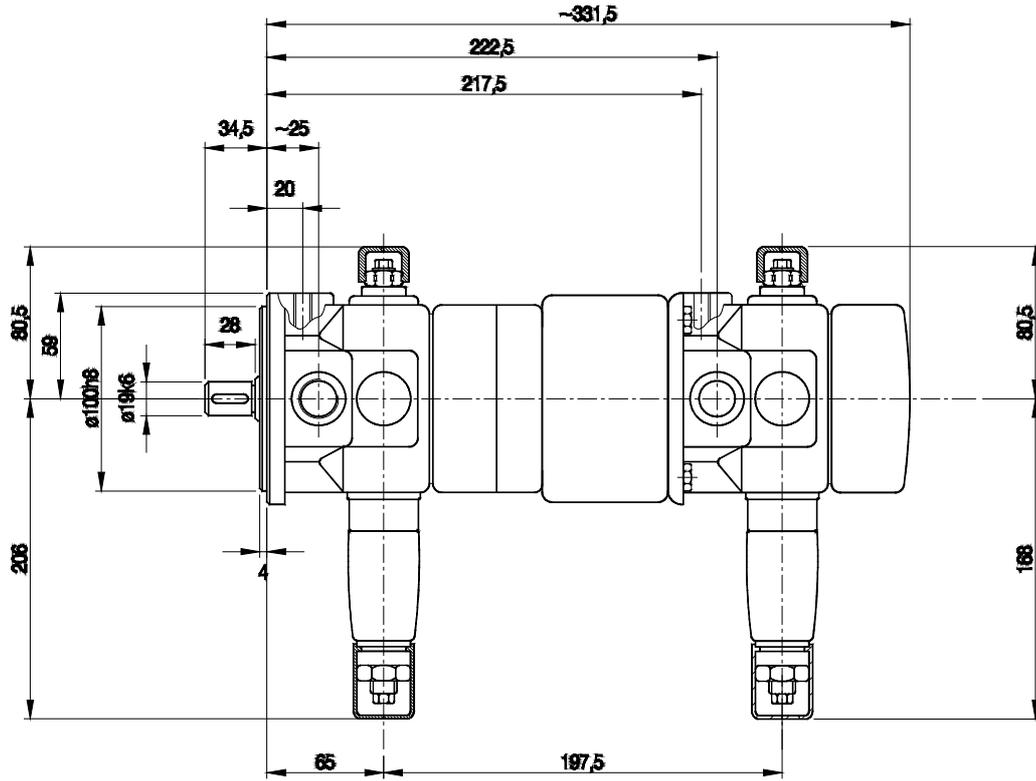
Overall dimensions for pump combination V3/12 + V3/12



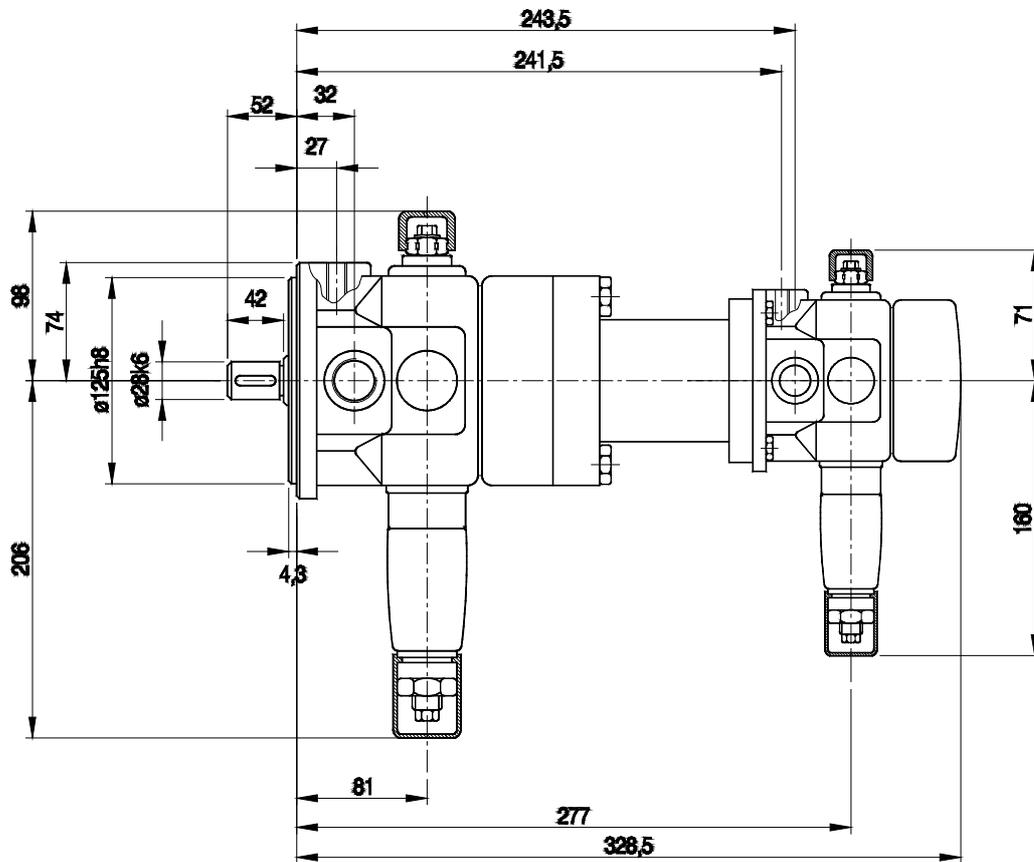
Overall dimensions for pump combination V3/25 + V3/12



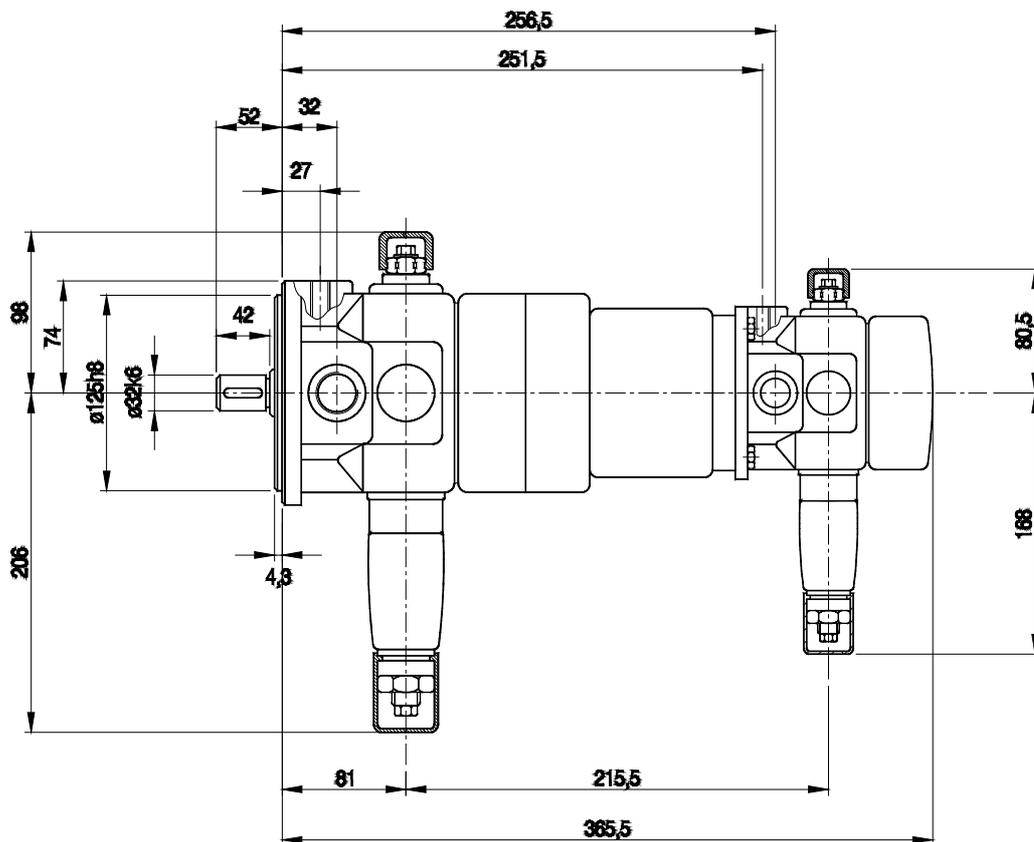
Overall dimensions for pump combination V3/25 + V3/25



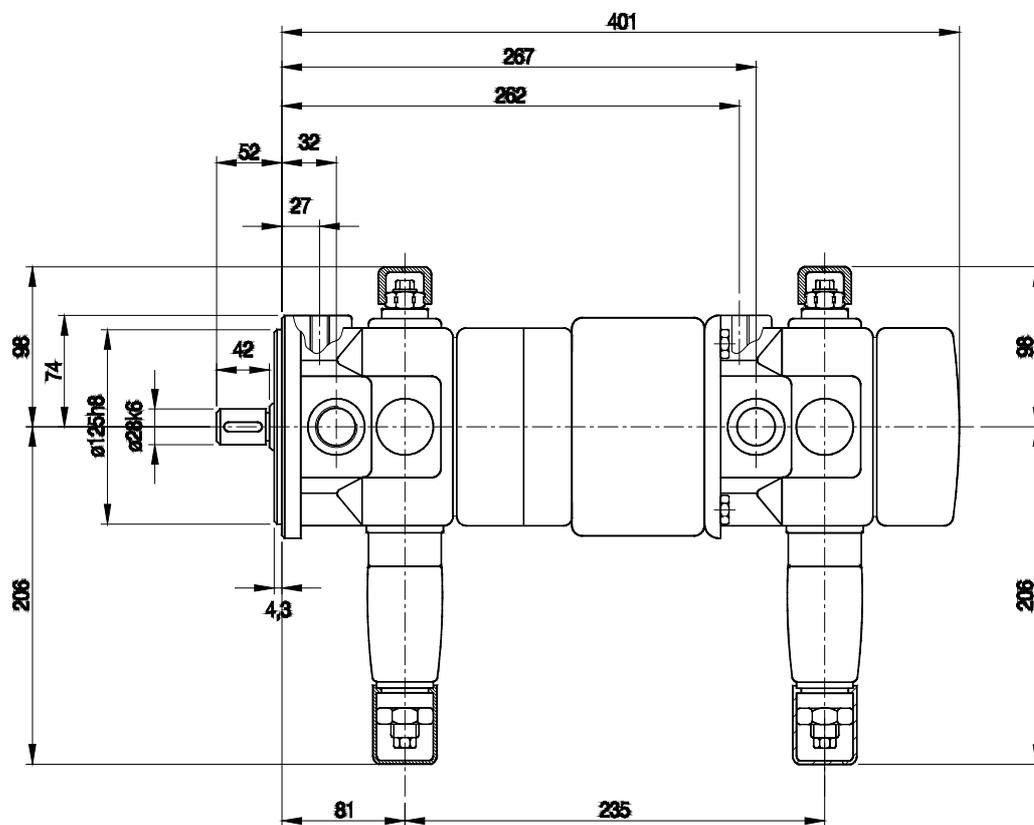
Overall dimensions for pump combination V3/40 + V3/12



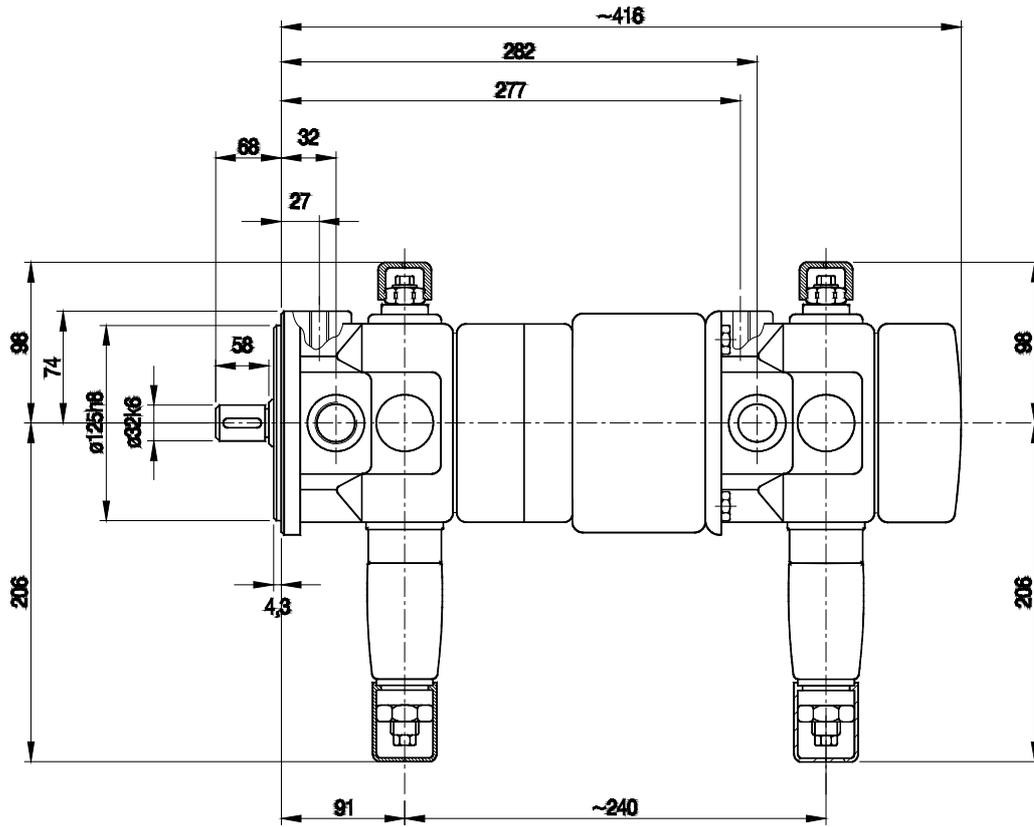
Overall dimensions for pump combination V3/40 + V3/25



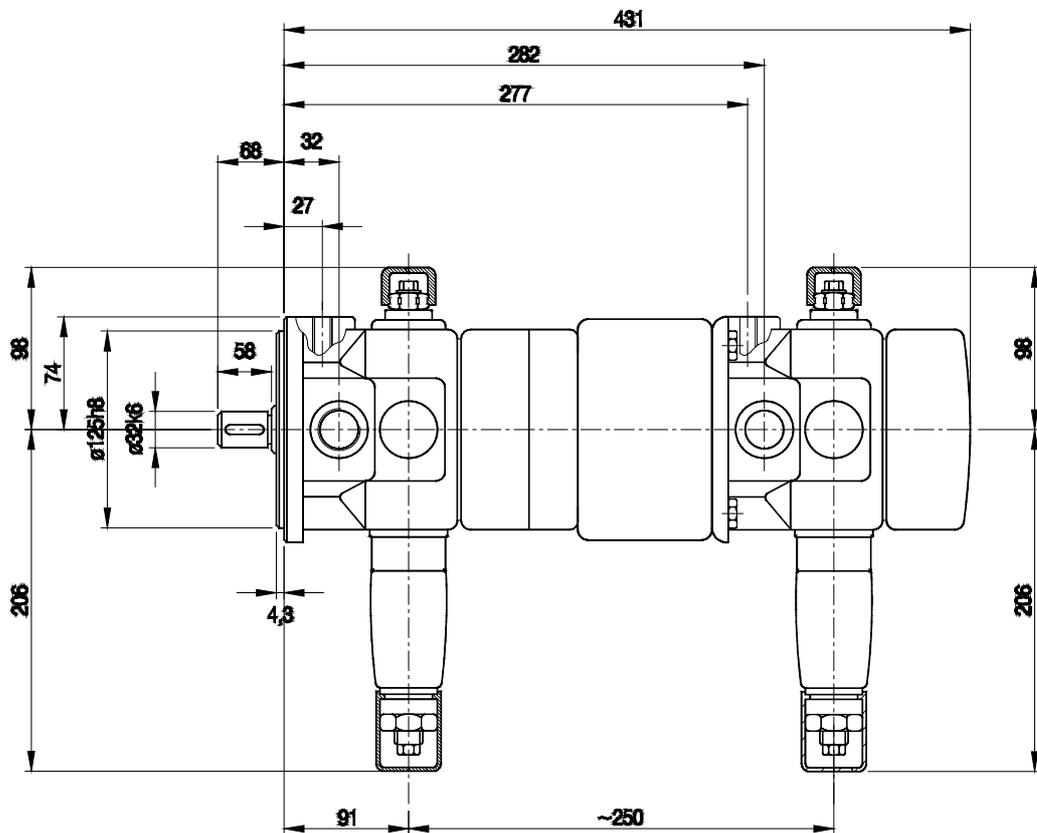
Overall dimensions for pump combination V3/40 + V3/40



Overall dimensions for pump combination V3/63 + V3/40



Overall dimensions for pump combination V3/63 + V3/63



HOW TO ORDER

Orders for pumps coded as below should be placed at the manufacturer.

Front pump

1 PV		V3	/	R	E					1
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+ Rear pump

1 PV	2	V3	/	R	G	1				1
-------------	----------	-----------	---	----------	----------	----------	--	--	--	----------

Mounting :	
Flange	= 2
Subplate	= 6

Series number :	Connection and instalation
for V3/12 i 25 (30 - 39)	dimensions remain
for V3/40 i 63 (20 - 29)	unchanged

Pump combination :	
WN12 + WN12	WN40 + WN40
WN25 + WN12	WN63 + WN12
WN25 + WN25	WN63 + WN25
WN40 + WN12	WN63 + WN40
WN40 + WN25	WN63 + WN63

Connection :	
Threads	= 1
Subplate	= 8

Sealing :	
For mineral oils	= M
For phosphate ester	= V

Pressure setting :	
Pressure controller - hexagonal head screw	= C
Pressure controller - square head screw	= H
Lockable pressure controller	= S

Zero stroke pressure range :		
Zero stroke pressure range	10,0 MPa	= 100
Zero stroke pressure range	6,3 MPa	= 63
Zero stroke pressure range	4,0 MPa	= 40
Zero stroke pressure range	2,5 MPa	= 25

Flow setting :	
Adjustment screw - hexagonal head screw	= A
Adjustment screw - square head screw	= H
Lockable adjustment screw	= S

Air bleed valve

The coding of pump combination comprises two individual designations joined by a sign "+". Letter "E" is added to the designation of a front pump and letter "G" to the designation of a rear pump.

CODING EXAMBLE
 1 PV2V3-30/25RE1MC100A1 + 1 PV2V3-30/12RG1MC63A1

For further details on single pumps see corresponding data cards:

PV3/12- WK 414/ 501

PV3/25 - WK 409/073

PV3/40 - WK 144/618

PV3/63 - WK144/619

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