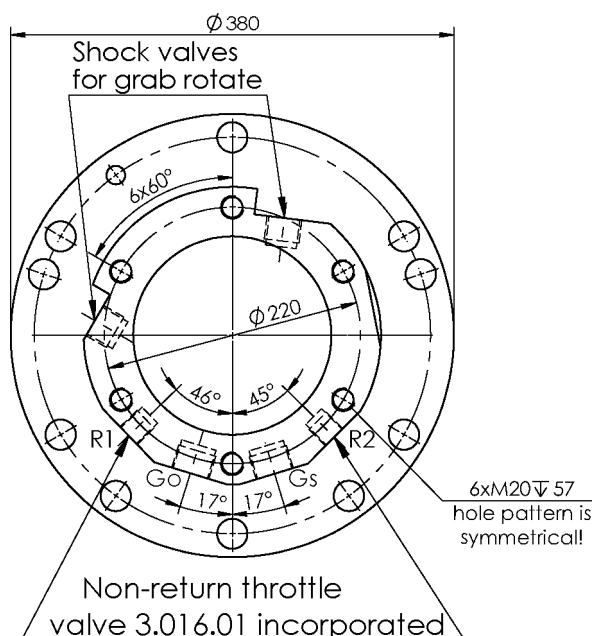
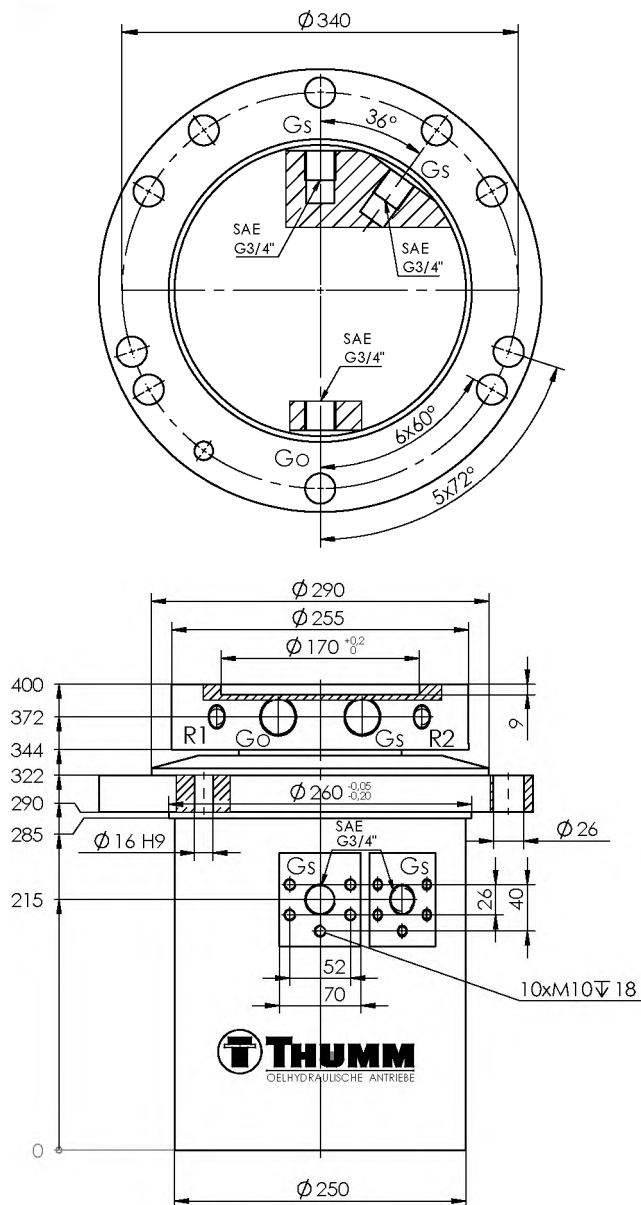



Variant design:

Further development of the types
 708HZV-4E and 708HVM-4E
 Stator with 6 x M20 thread PCD $\varnothing 220\text{mm}$
 hole pattern is symmetrical
 Can be used for clamshell buckets and grapples.
 Implementation: 3000/6000psi

Machine:

e.g. hydraulic excavator service weight:
 With cardan suspension
 up to 19 ts. (28 ts.)

Add-on units:

Clamshell buckets of max. 1,2 m³
 Grapples of max. 0,6 m³
 Special devices on request.

Technical details:

max. thrust load:	= 100 kN
p max. grab	= 32 MPa/320bar
p max. rotating engine	= 20 MPa/200bar
Torque max.	= 2400 Nm
Torque / 100bar	= 1200 Nm
Adsorption volume	= 1000 cm ³ /R
min. oil passage Gs / Go	= NW 14
Mass	= 131 kg
max. rotations	= 30 rpm

Bending moment Mb per. (leaf 4.710.00)

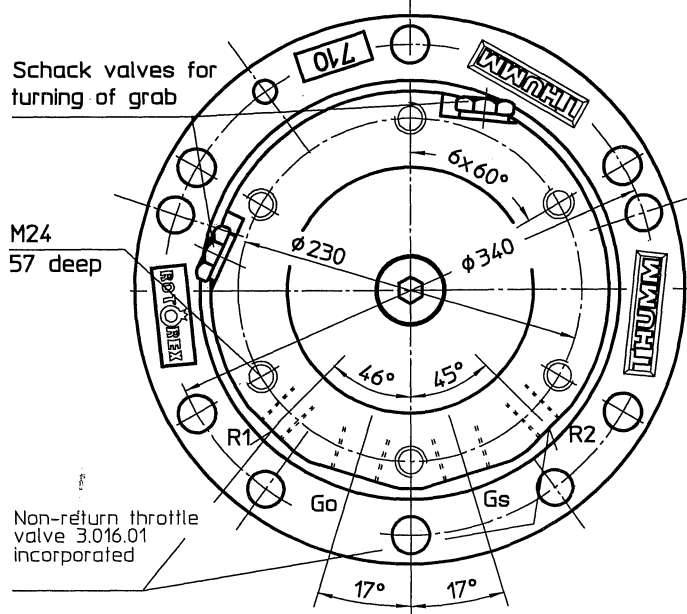
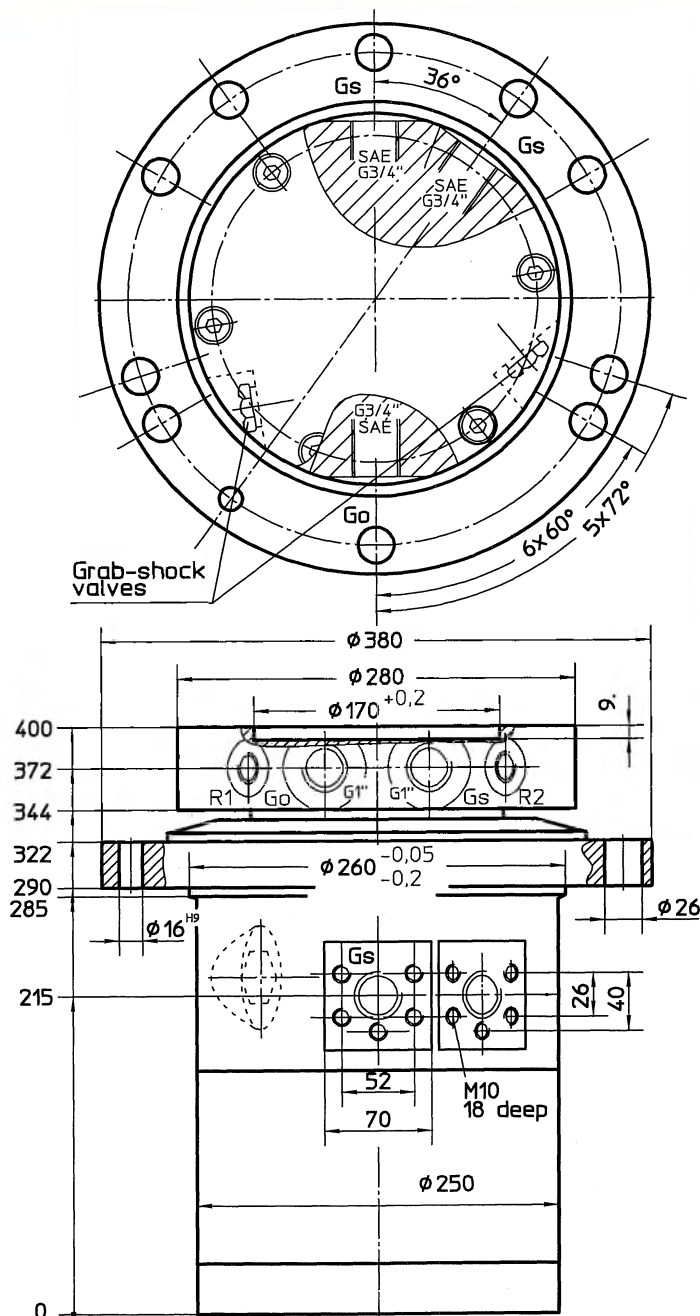
Connections:

R1,R2: rotator rotate	 G 1/2"
Go: open grab	 G 1"
Stator:	G 1"
Housing: SAE 1" 3000psi and	G 3/4"
on request SAE 1 1/4" 6000psi and G 1" possible	
Gs: close grab	 G 1"
Stator:	G 1"
Housing: SAE 1" 3000psi and	G 3/4"
on request SAE 1 1/4" 6000psi and G 1" possible	

Volume of delivery:

1 Screw G 3/4" Article no.: 2.705.28
 (to close the third connection)

Paint: black primary coat



Variant of design

Stator of 6xM24 thread Lk $\varnothing$ 230
 Suitable for both clamshell buckets
 and grapples
 Design: 3000/6000psi

Machine:

e.g.hydraulic excavator service weight:
 With cardanic mounting max.19ts (28ts)

Add-on units:

Clamshell buckets of max. 1,2m³
 Grapples of max. 0,6m³
 Sorting units (please ask manufacturer)

Technical details:

max. thrust load = 100KN
 Pmax. grab = 32MPa
 Pmax. rotating engine = 20MPa
 Torque / 1 MPa = 120Nm
 Absorption volume = 1000cm³ /R
 min. oil passage Gs/Go = NW14
 Mass = 136kg
 max. rotations = 30rpm
 max.transverse moment: by request

Volume of delivery:

1x screw plug G3/4"
 (to close the 3rd connection)

Grab-shock valves:

open: 30MPa
 close: 30MPa
 or to customers requirement

Connections:

R1,R2: turn rotator  G 1/2"
 Go: open grab 
 Stator: G 1"
 Housing: SAE 1" 3000psi und G 3/4"
 on request SAE 1 1/4" 6000psi and G 1" possible
 Gs: close grab 
 Stator: G 1"
 Housing: SAE 1" 3000psi und G 3/4"
 on request SAE 1 1/4" 6000psi and G 1" possible

Edition 013 Gm.

Paint: black primary coat
 Reserve made to modifications
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По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
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Ярославль (4852)69-52-93

Эл. почта: tmu@nt-rt.ru || Сайт: <https://thumm.nt-rt.ru/>