

Ротатор THUMM type 503H

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

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Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

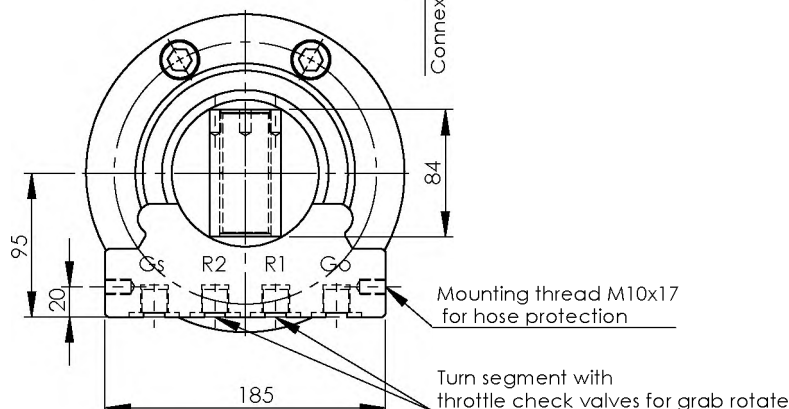
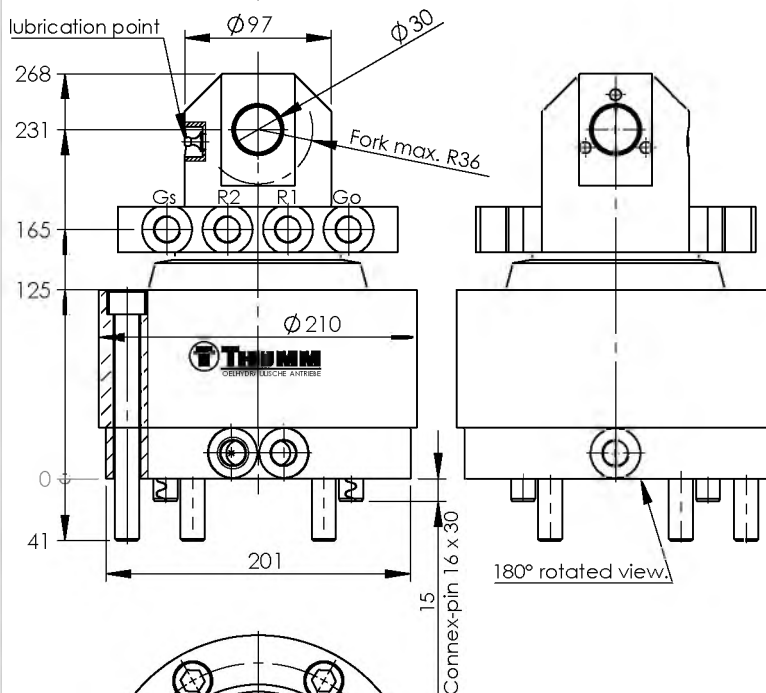
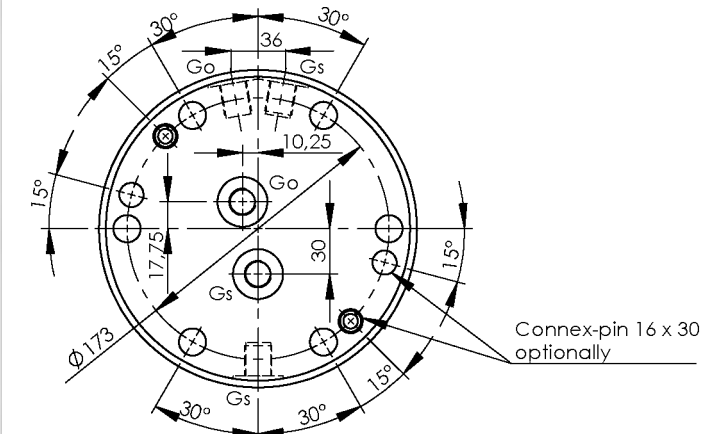
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
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Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47 Казахстан (772)734-952-31 Таджикистан (992)427-82-92-69

<http://thumm.nt-rt.ru> || tmu@nt-rt.ru

This proven Rotator is used for sensitive All-round turning of gripper devices, pliers, etc. especially for cranes.
The device can be screwed directly from above with the gripper plate and has a rotary feedthrough, which allows an optional radial or axial connection to the rotor.

- safe connection by long fixing screws
- large permissible axial forces
- large oil passage
- high torque
- long life span
- low construction method



old: type 503Bc-radial

Variant design:

Stator by segment
rad. segment
Cast housing without hose protection
Flange with 3 rad./ 2ax. connections

Accessories:

Mounting forks,
(see sep. sheets)

Machine:

e.g. hydraulic excavators-service weight:
With cardan suspension up to 6 ts
Trucks and loading cranes,
forest machines.

Add-on units:

Wood saw grippers, positioning grippers
Special devices on request.

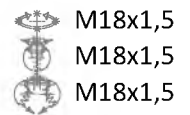
Technical details:

max. thrust load:	= 30 kN
max. radial load:	on request
p max. grab	= 35 MPa/350bar
p max. rotating engine	= 20 MPa/200bar
max. torque	= 1040 Nm
Torque / 100 bar	= 520 Nm
Adsorption volume	= 450 cm ³ /R
min. oil passage Gs / Go	= NW 10
Mass	= 35 kg
max. rotations	= 30 rpm

Bending moment Mb per. (leaf 4.503.00)

Connections:

R1,R2: rotator rotate
Go: open grab
Gs: close grab



Volume of delivery:

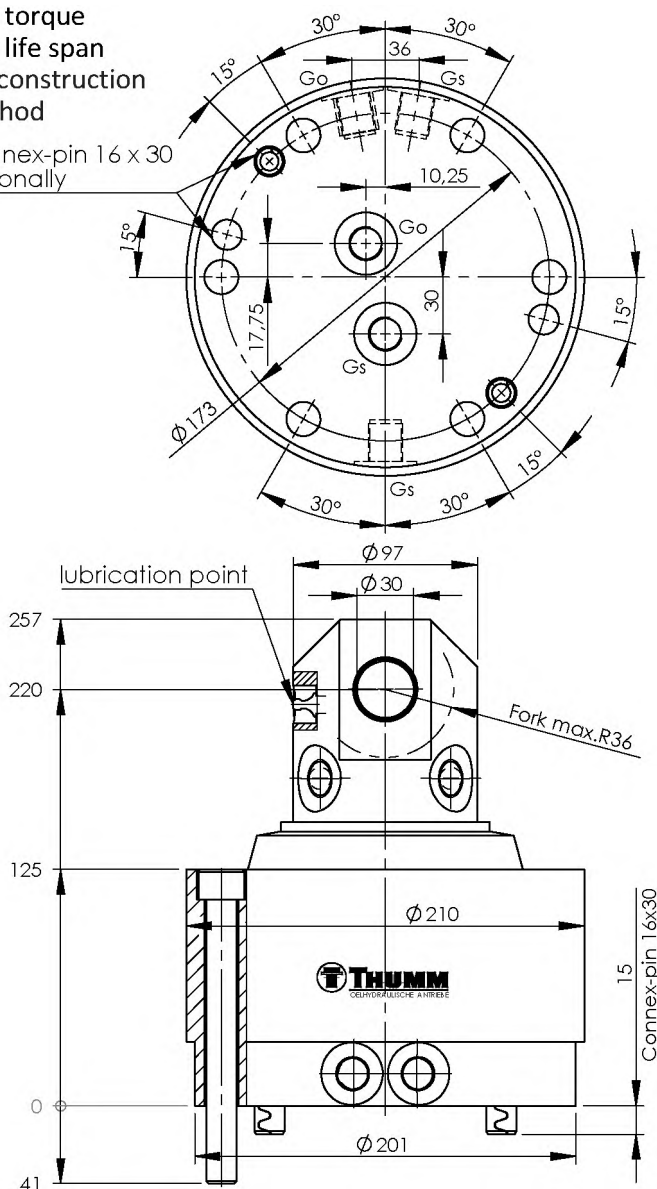
2 Connex-pin SG 16x30	Article no.: 1.04.004
1 set of cylinder screws	
M16x150-10.9 ISO 4762 with self-locking nuts	Article no.: 1.01.047
M16 DIN 985	Article no.: 1.01.110

Paint: black primary coat

This proven Rotator is used for sensitive All-round turning of gripper devices, pliers, etc. especially for cranes.
The device can be screwed directly from above with the gripper plate and has a rotary feedthrough, which allows an optional radial or axial connection to the rotor.

- safe connection by long fixing screws
- large permissible axial forces
- large oil passage
- high torque
- long life span
- low construction method

Connex-pin 16 x 30 optionally



old: type 503Bd

Variant design:

Standard Stator
smooth housing
Flange with 3 rad./ 2ax. connections

Accessories:

Mounting forks,
(see sep. sheets)

Machine:

e.g. hydraulic excavators-service weight:
With cardan suspension up to 6 ts
Trucks and loading cranes.

Add-on units:

Pliers for forklift
two-shell and loading grapple
Special devices on request.

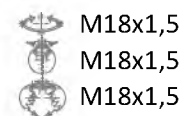
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Gs: close grab



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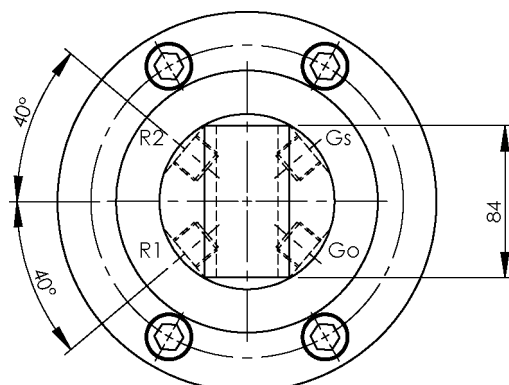
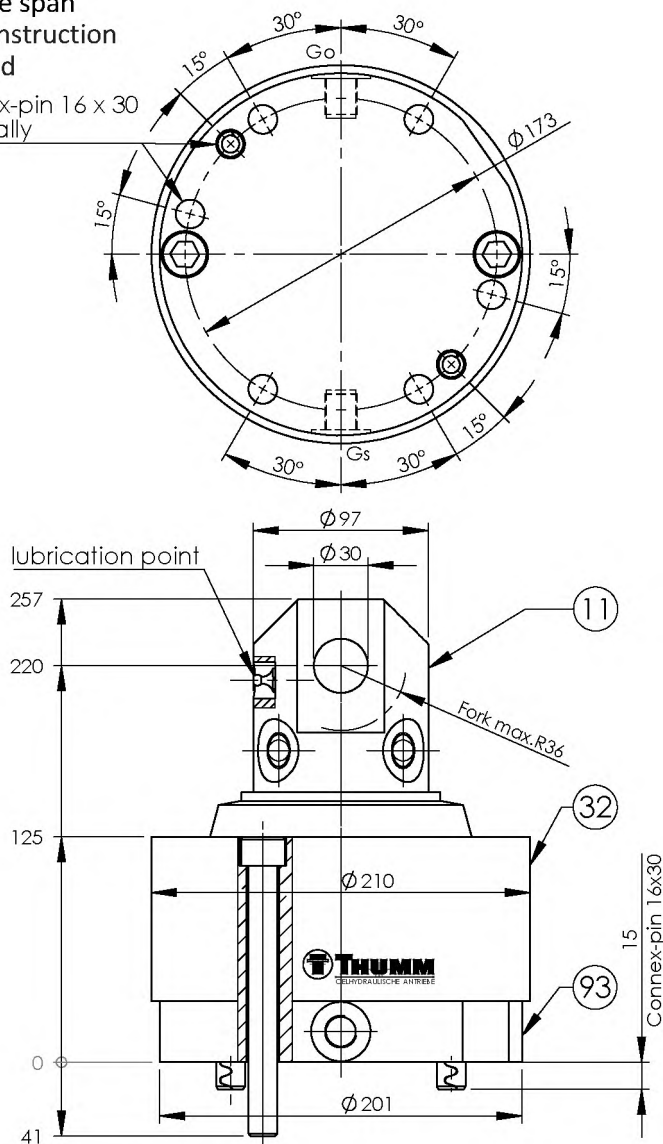
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M16x150-10.9 ISO 4762 with self-locking nuts	Article no.: 1.01.047
M16 DIN 985	Article no.: 1.01.110

Paint: black primary coat

This proven Rotator is used for sensitive All-round turning of gripper devices, pliers, etc. particularly in forklift operation. The device can be screwed directly from above with the gripper plate and has a rotary feedthrough, which allows an optional radial or axial connection to the rotor.

- safe connection by long fixing screws
- large permissible axial forces
- large oil passage
- high torque
- long life span
- low construction method

Connex-pin 16 x 30 optionally



old: type 503Bd

Variant design:

Standard Stator
smooth housing
Flange with 2 rad. connections

Accessories:

Mounting forks,
(see sep. sheets)

Machine:

e.g. hydraulic excavators-service weight:
With cardan suspension up to 6 ts
Trucks and loading cranes.

Add-on units:

Pliers for forklift
two-shell and loading grapple
Special devices on request.

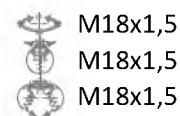
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with self-locking nuts	
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По вопросам продаж и поддержки обращайтесь:

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