

# MILLING HEAD TQ<sub>1</sub>

for spindles with Ø 190

## C- AXIS:

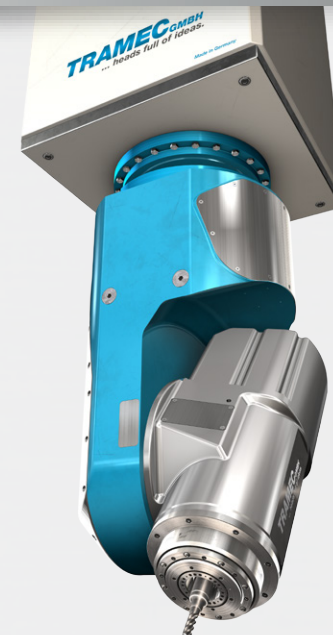
Housing with mounting flange in GGG50 cast iron.  
Axis bearing, grease lubricated (axial/radial) cylindrical roller bearing.

<b>C-AXIS ROTATION ANGLE (I)</b> (max.)	↻	+/-360°
<b>C-AXIS ROTATION SPEED</b> (max. S1)		360/s
<b>C-AXIS ACCELERATION</b> (max.)		600°/s*s
<b>C-AXIS NOMINAL TORQUE</b>	N/m	68
<b>C-AXIS PEAK TORQUE</b>	N/m	227
<b>C-AXIS CLAMPING TORQUE</b>	N/m	1.900
<b>C-AXIS MEASURING SYSTEM ACCURACY</b>		+/-3,3"
<b>C-AXIS MEASURING SYSTEM LINE COUNT</b>		16.384
<b>C-AXIS DATA INTERFACE</b>	Vss	1
<b>C-AXIS CLAMPING TYPE</b>		spring preloaded, re- leased and supported by pneumatic air

## A- ACHSE:

Housing in cast iron.  
Axis bearing, grease lubricated cross/ angular roller bearing..

<b>A-AXIS ROTATION ANGLE (I)</b> (max.)	↻	+/-110°
<b>A-AXIS ROTATION SPEED</b> (max. S1)		280/s
<b>A-AXIS ACCELERATION</b> (max.)		600°/s*s
<b>A-AXIS NOMINAL TORQUE</b>	N/m	68
<b>A-AXIS CLAMPING TORQUE</b>	N/m	1.900
<b>A-AXIS MEASURING SYSTEM ACCURACY</b>		+/-3,3"
<b>A-AXIS MEASURING SYSTEM LINE COUNT</b>		16.384
<b>A-AXIS DATA INTERFACE</b>	Vss	1
<b>A-AXIS CLAMPING TYPE</b>		spring preloaded, re- leased and supported by pneumatic air



## FORK

Housing in cast iron GGG50.

## PLEASE NOTE!

I = depending on the interface to the Z axis

The spindle has to be supplied to  
TRAMEC GmbH free of charge for integration

**TRAMEC GMBH**  
... heads full of ideas. [www.tramec.net](http://www.tramec.net)