

Our quotation

42585-0

Pos. 3 140540 ZASD 400 MILL

Peiseler NC 2-Axis Swivel Unit Type
with direct drives consisting of:

ZASD 400

1) Peiseler NC Direct Driven Table

(C-Axis)

distance of faceplate to A-Axis	- 50 mm
diameter of faceplate	800 mm
axial run-out of faceplate, max.	0.016 mm / dia. 800 mm
incl. star-shaped T-slots based on DIN 650	10x 14 H8
prepared for rotary manifold with	4 - lines
diameter of center bore	60 H7
radial run-out of center bore, max.	0.01 mm
depth of center bore	10.5 mm
bearing of faceplate	axial / radial
diameters of bearing	385 x 260 mm
driven via direct torquemotor	
incl. encoder type	Heidenhain RCN 2381
with a system accuracy of	+/- 4 sec. of arc
repeatability	+/- 1 sec. of arc

the following data based on water cooling:

peak torque	2,813 Nm
continuous torque	1,417 Nm
peak current	62.3 A
continuous current	24.4 A
continuous power dissipation, max.	4,112 W
temperature difference (input - output)	4 K
water flow, min.	14.7 l/min
pressure drop, approx.	2 bar
pressure input, max.	10 bar
speed of faceplate, max.	100 rpm (S6)

tilting torque, max.	3,200 Nm
axial load, max.	6,000 N
transport load, max.	850 kg

with a transport load of max.	1.200 kg
the drop of the faceplate will be up to	0.04 mm
and the acceleration will be reduced up to	40 %

permissible inertia resulting from transport load, max. (depending on acceleration ramp)	50 kgm ²
type of clamping (clamped without pressure)	hydraulical / active
required pressure for unclamping	100 - 120 bar
clamping torque, max.	3,000 Nm

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2) Peiseler NC Direct Driven Table

(A-Axis / Gantry)

swivel range
axis of rotation
center height
achieved at the counter bearing
side with a base frame of
bearing of faceplate
diameters of bearing
driven via direct torquemotor
incl. encoder type
with a system accuracy of
repeatability

+/- 130 °
horizontal
325 mm
9.5 mm
axial / radial
385 x 260 mm
1x Heidenhain RCN 2381
+/- 4 sec. of arc
+/- 1 sec. of arc

the following data based on water cooling:

peak torque
continuous torque
peak current
continuous current
continuous power dissipation, max.
temperature difference (input - output)
water flow, min.
pressure drop, approx.
pressure input, max.
speed of faceplate, max.

2x 2,813 Nm
2x 1,422 Nm
2x 62.3 A
2x 24 A
2x 3,970 W
5 K
2x 11.4 l/min
2x 2 bar
2x 10 bar
75 rpm

type of clamping
(clamped without pressure)
required pressure for unclamping
clamping torque, max.

hydraulical / active
100 - 120 bar
2x 3,000 Nm

complete ZASD incl. air purge connection
required air purge input
air purge output, max.

6 bar
0.2 bar

incl. rotary manifold bush
without rotary manifold shaft
without chiller
prepared for BLUM laser

ident.-no.: 140540
colour: NCS 8500N