



NC ROTARY INDEXER

SAV 434.51

Application:

Positioning of workpieces along horizontal axle.
Maximum workpiece weight 30 kg dynamic or
50 kg when equipped with counter bearing.

**Optional:**

Completely enclosed housing which can be
used in corrosive environment (e.g. wire EDM)

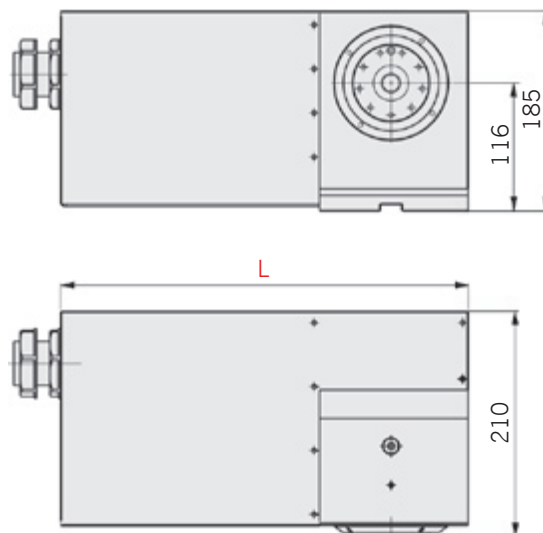
Product description:

Compact Rotary Indexer with double bearing
spindle. Hydraulically clamped precision worm
gear and flanged servo motor. Indexing measur-
ing system either on servo motor (indirect
system) or ring shaped directly on the spindle.
Execution of the spindle flange for mounting
to the workpiece on customer specification
(e.g. for manual clamping with HSK or Jaw-
adaption or adaptor for automatic zero-refe-
rence-system).

Available with Direct Drive on request.

Control:

The NC Rotary Indexer is available in either a
self contained variant with its own SAV control
with touch panel and programmable inter-
face to the machine, or as customer specific
additional axle (round axle optional), modified
to the specific machine hard- and software.

**Technical Specifications:**

NC - Rotary Indexer	Standard with SAV control	Optional round axle		
		SIEMENS	Heidenhain	Infranor
Length (mm)	350	490	380	480
Electical supply	3 x 400 VAC , 16 A	M a c h i n e s p e c i f i c		
Motor Type	HDD/ICM b	1FT6041	QSY 96C	BLS072

Width:	210 mm
Height:	185 mm
Spindle height:	116 mm
Max. workpiece weight:	30 kg
(50 kg with counter bearing)	
Dead weight:	35 kg
Max. perm. Axial force:	20,000 N
Torque:	280 Nm
Clamping force:	340 Nm
Max. revolutions	46 rpm

Positioning accuracy:	arcsec
Setting accuracy, standard:	± 10
improved:	± 2.5
Repeatability:	± 2.0
Geometry:	mm
- concentricity, standard:	0.010
improved:	0.003
- flatness, standard:	0.010
improved:	0.003
Pneumatic supply:	6 bar



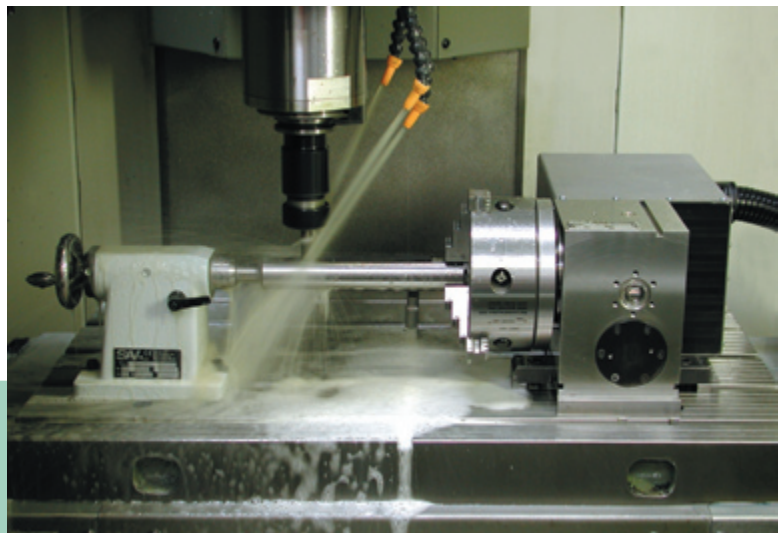
WORKHOLDING AND AUTOMATION

NC ROTARY INDEXER – APPLICATION EXAMPLES

SAV 220.51



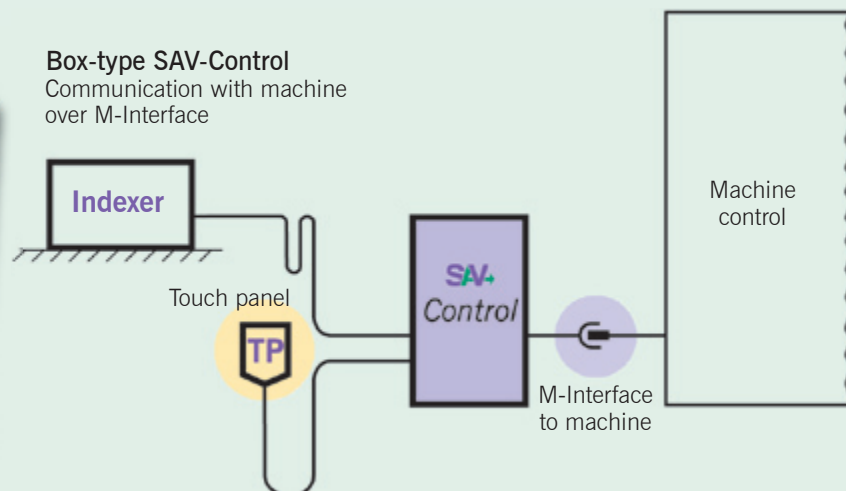
Execution:
NC Rotary Indexer
with quick clamping chuck ITS



Execution:
NC-Rotary Indexer
with 3 Jaw-chuck
and mechanical counter support



Box-type SAV-Control
Communication with machine
over M-Interface



Ordering example: **NC Rotary Indexer SAV - 434.51 - ITS 100 with SAV control**
 Ordering key: Name SAV - No. - Specific Requirements