

SF-RZ

2 Position hydraulic ring indexing chuck

- 3 self-centering jaws
- Large evacuation windows for easy chip flow
- Fully automatic and controlled indexing



Application/customer benefits

- Machining of couplings up to 5 1/2" (SF-RZ 400) or 8" (SF-RZ 600) in one set-up
- Indexing 180°
- 3 self centering jaws external clamping
- Compact design and light weight
- Standard mounting for easy retrofit on existing machines

Technical features

- Hydraulic operated, automatic ring indexing chuck
- All functions controlled by proximity switches
- Extremely accurate and rigid indexing mechanism
- Optional: pendulum clamping inserts, central coolant supply

Standard equipment

Chuck with mounting bolts

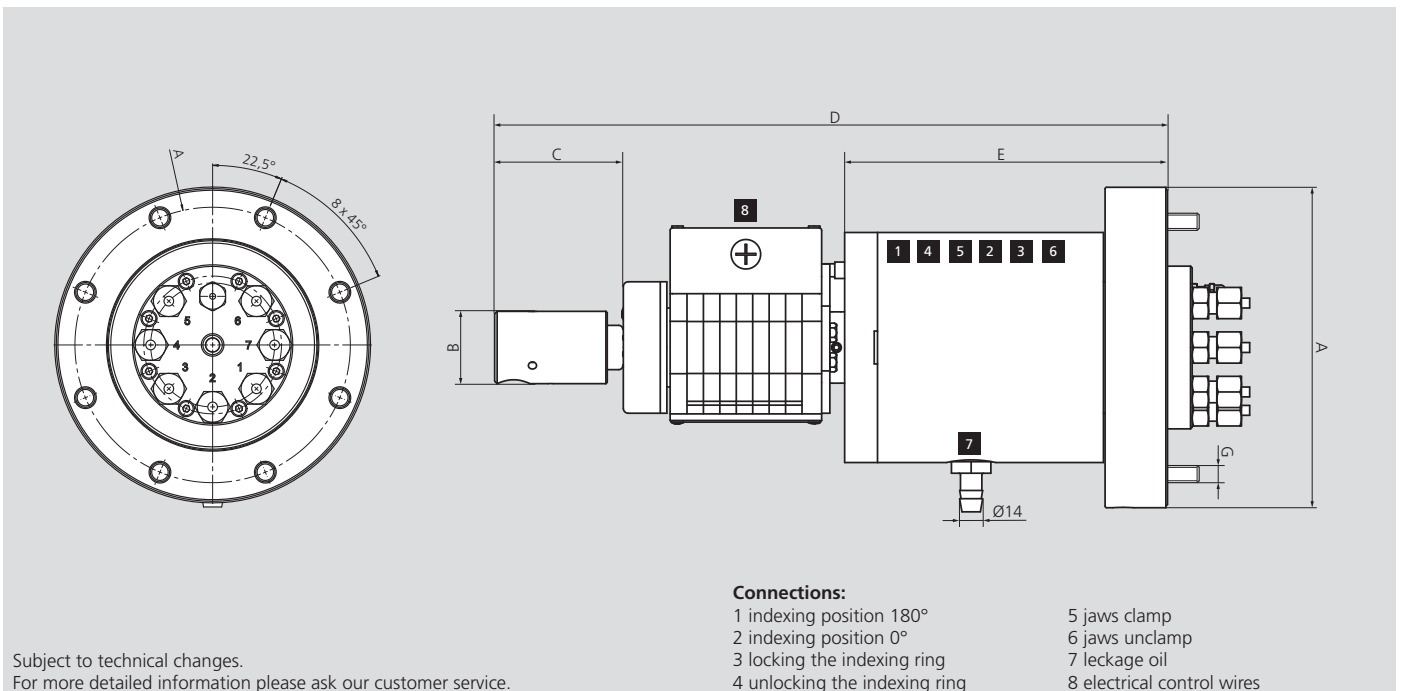
Ordering example

SF-RZ 400

Accessories

7-way oil distributor
Connection kit for coolant supply

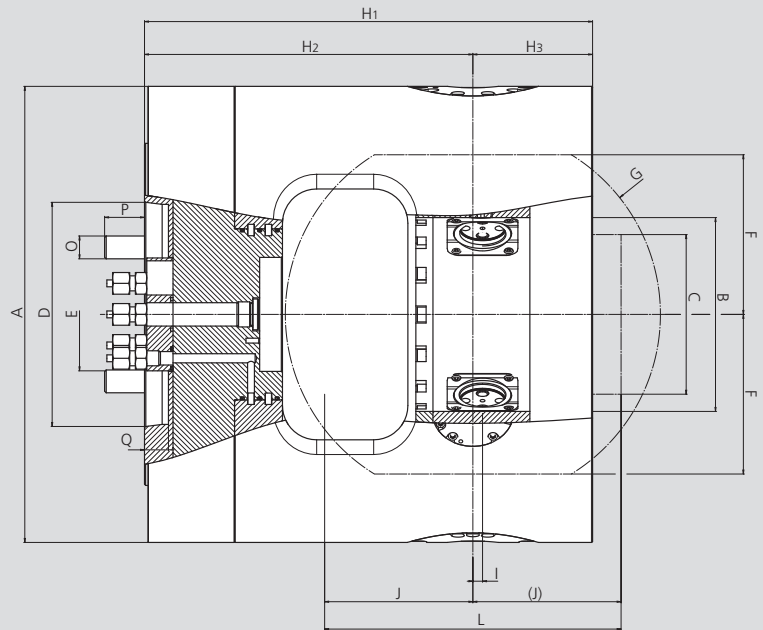
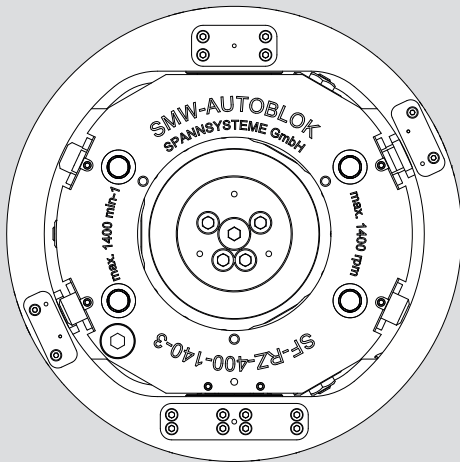
MDV 65 7-way oil distributor



SMW-AUTOBLOK Type			MDV 65
Id. No.			045920
	A	mm	195
	B	mm	44
	C	mm	78.3
	D	mm	331.2
	E	mm	196.5
	F	mm	170
	G	mm	8 x M12
Max. speed		r.p.m.	1400
Weight		kg	28

For exact position of the connecting ports, please ask for a customer drawing.
All ports (1-6) are G 3/8".

Main dimensions and technical data



Subject to technical changes.
For more detailed information please ask our customer service.

SMW-AUTOBLOK Type			SF-RZ 400	SF-RZ 600
Id. No.			054394	054680
Chuck O.D.	A	mm	400	600
Indexing ring I.D.	B	mm	170	290
Max. workpiece O.D.	C	mm	140	205
Spindle mounting	D		A11	A15
Connection flange O.D.	E	mm	99	99
Height indexing ring	F	mm	140	205
Swing indexing ring	G	mm	329	459
	H1	mm	393	463
	H2	mm	288	358
Indexing axis	H3	mm	105	105
Jaw axis to indexing axis	I	mm	8.5	13.5
	K	mm	130	165
Max. length of workpiece	L	mm	260	330
Jaw stroke	M	mm	5.7	7.5
Mounting bolts	O	mm	M20	M24
	P	mm	35	40
	Q	mm	21	23
Max. speed		r.p.m.	1400	1200
Max. pressure		bar	50	50
Max. clamping force		kN	120	180
Weight		kg	225	565
Moment of inertia		kg·m ²	6	31