

PBI-D

INCH serration
2 or 3 jaws

PBI-C

Tongue & groove
3 jaws

Pneumatic chuck for indexing tables Ø 165 - 315 mm

- built-in cylinder
- 2 and 3 jaws



Application/customer benefits

- Self centering rotating chuck with a pneumatic manifold used on indexing tables, not designed for constant rotation on turning machines

PBI-D: inch serrated master jaws (1/16" x 90°)

PBI-C: tongue & groove master jaws

PBI-M: metric serrated master jaws (1.5 mm x 60°) **on request**

Technical features

- 2/3 jaw chuck with a built-in pneumatic cylinder
- manifold for air supply
- Case hardened body to assure highest precision and long chuck life

Important! Due to the friction between fixed manifold and rotating central body, the indexing table must provide a higher rotation torque than the one shown in the schedule below

Standard equipment

- Chuck unit
- 1 set of soft blank top jaws (PBI-C excluded)
- 1 set T-nuts with bolts (PBI-C excluded)
- Grease gun

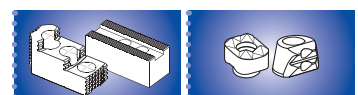
Ordering example

- 3 jaw chuck PBI-C 250
- or
- 2 jaw chuck PBI-D 165

Technical data

SMW-AUTOBLOK Type		PBI-D 165 PBI-C 165	PBI-D 210 PBI-C 210	PBI-D 250 PBI-C 250	PBI-D 315 PBI-C 315
Radial jaw stroke	mm	3.6	4.4	5	6.3
Radial jaw stroke PBIL-D2 (2 jaws)*	mm	6.8	8.4	9.7	12
Piston area	cm ²	143	236	358	548
Max. operating pressure	bar	7	7	7	7
Gripping force at 6 bar	kN	24	42	64	98
Gripping force at 6 bar PBIL-D2 (2 jaws)*	kN	16	26	39	60
Torque Md	Nm	40	60	85	120
Mass (without top jaws)	kg	23	38	56	82

*The 2 jaw fixture is available with serrated master jaws (inch or metric) and long stroke only.



Page 284

Page 288