

	Art. #	Built-in dwg	Plug assembly	Maintenance
<b>built-in cassette</b>	752176	752970 EB	752 SPB	752176 WMA
	752176 I	752970 EB	752 SPB	752176 WMA

Definition	Value	Unit
Pull-in force	16'000	N
Boundary pull-in force	14'200	N
Retention force	50'000	N
Releasing operating pressure (min. - max.)	50 - 70	bar
Repeat accuracy	0.01	mm
Clamping cycles until maintenance	100'000	cycles
Clamping cycles until the pull-in force is checked	25'000	cycles
Oil volume until release	40	cm <sup>3</sup>
* Time until released (when directly connected)	2.5	sec
Pre-centering (automation)	+/- 1.5	mm
Pre-centering (manual)	+/- 4	mm
Noise (clamping process)	ca. 20	dB(A)
Clamping time	unlimited	---
Hydraulic medium	HLP ISO VG46	---
Piston position monitoring (by geartype flowmeter)	possible	---
Secured, no release without pressure medium	yes	---

Requirements for the environment	Value	Unit
Ambient temperature by operating	15 - 60	°C
Ambient temperature when storing	15 - 30	°C
Contamination & purity class hydraulic oil	16/13/10	ISO4406
Contamination & purity class pneumatics	7:4:4	ISO8573-1
Media supply-Ø	min. Ø5	mm per cassette

\* Depending on the media supply-Ø, cable-length and quantity of cylinders/cassettes