

	Art. #	built-in dwg	Plug assembly	Maintenance
built-in cassette	752170-60 LA	752969 EBLA	752 SPB-AS60	752170-60 WMA
	752170-60 LAU	752969 EBLAU	752 SPB-AS60	752170-60 WMA

Definitions	Value	Unit
Pull-in force	19'000	N
Boundary pull-in force	17'000	N
Retention force	60'000	N
Releasing operating pressure (min. - max.)	80 - 95	bar
Repeat accuracy	0.005	mm
Clamping cycles until maintenance	1'000'000	cycles
Clamping cycles until pull-in force is checked	250'000	cycles
Oil volume until released	38	cm ³
* Time until released (when directly connected)	2.5	sec
Pre-centering (automation)	+/- 1.5	mm
Noise (clamping process)	ca. 20	dBA
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 airblast center / airblast isles	min. Ø8 / Ø5	mm per cassette

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