

	Art. #	Built-in dwg	Plug assembly	Maintenance
Built-up cassette	752110	---	751 SPB	752110 WMA
	752110 L	---	751 SPB	752110 WMA
	752110 I	---	751 SPB	752110 WMA
	752110 LI	---	751 SPB	752110 WMA
Built-in cassette	752160	752950 EB	751 SPB	752160 WMA
	752160 L	752951 EBL	751 SPB	752160 WMA
	752160 I	752950 EB	751 SPB	752160 WMA
	752160 LI	752951 EBL	751 SPB	752160 WMA
	752160 U	752952 EBU	751 SPB	752160 WMA
	752160 LU	752953 EBLU	751 SPB	752160 WMA
	752160 LIU	752953 EBLU	751 SPB	752160 WMA
Built-in cylinder	752150	751902 EB	751 SPB	752150 WMA
	752150 L	751903 EBL	751 SPB	752150 WMA
	752150 I	751902 EB	751 SPB	752150 WMA
	752150 LI	751903 EBL	751 SPB	752150 WMA

Definitions	value	unit
Pull-in force	12'500	N
Boundary pull-in force	11'250	N
Retention force	40'000	N
Releasing operating pressure (min. - max.)	65 - 70	bar
Repeat accuracy	0.01	mm
Clamping cycles until maintenance	20'000	Cycles
Clamping cycles until the pull-in force is checked	5'000	Cycles
Volume until released (with airblast center)	26	cm ³
Volume until released (without airblast center)	28	cm ³
* 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	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	min. Ø5	mm per cassette

* depending on media supply-Ø and quantity of cylinders/cassettes