



Design Type E5

Push-button switching axial – Vosseler's most simple and cost-effective switch.

Contacts : Opener, 1 pair of contacts (size 07), 2 pairs of contacts parallel (size 08), silver-cadmium plated

Synchronous

revolution speeds : **for 50 Hz** = 1000, 1500, 3000 rpm
for 60 Hz = 1200, 1800, 3600 rpm

The effective speed in the breaking moment is 80% of the synchronous speed.

Precision : $\pm 5\%$ of the breaking speed

Breaking capacity : size E5 07 = 16 A
size E5 08 = 20 A

The breaking capacity depends on different characteristics of the motor. Therefore the specified values can vary accordingly.

Durability : 500.000 switching cycles

Max. breaking sequence : 4 per minute

Bore holes of the rotor : Manufactured according to ISA fitting H7.
The first of the specified dimensions is the standard size.

Sizes : 07 = 16 15 14 12 10 mm
08 = 20 22 19 18 17 mm

The following models are available. They differ in mounting of the stator component :

Design E5 07.1 / E5 08.1

Mounting of the stator from switch side.
Stator provides normal boreholes.

Design E5 07.2 / E5 08.2

Mounting of the stator from outside of the motor.
Stator provides threads.

Note

The stator has to be mounted centrally to the axis. Keep specified distance (L) between stator and rotor.

	D_{max}	d_w	LR	D_a	D_t	d_i	d_b	d_s	h	h_n	L
07	52	10–22	23	55	44	17	4,2	M 4	11	9	30 ± 1
08	61	17–22	24	65	52	23	4,2	M 4	11	9	30 ± 1