

Safety brake specification

Motor size	Units	UL04	UL05	UL07	UL10	UL13
Dynamic holding torque	Nm	10	10	32	120	230
Static holding torque at 20°C	Nm	16	16	58	160	300
Reaction time	ms	13	13	23	80	80
Release time	ms	43	43	121	150	150
Operate voltage	V dc	24	24	24	24	24
Nominal voltage +/-10%	A dc	0,65	0,65	0,93	1,46	1,88
Additional mass	kg	0,9	1,15	3,85	8,2	17,2
Inertia	mkg m2	0,107	0,107	1,35	5,87	18,8
Torque derating of motor (1)	-	10%	8%	7%	7%	4%
Additional motor lenght	mm	33	21	41	75	107

(1) Derating of nominal torque at 65°C ΔT , for shortest motor in the size, convection cooling, <2%