

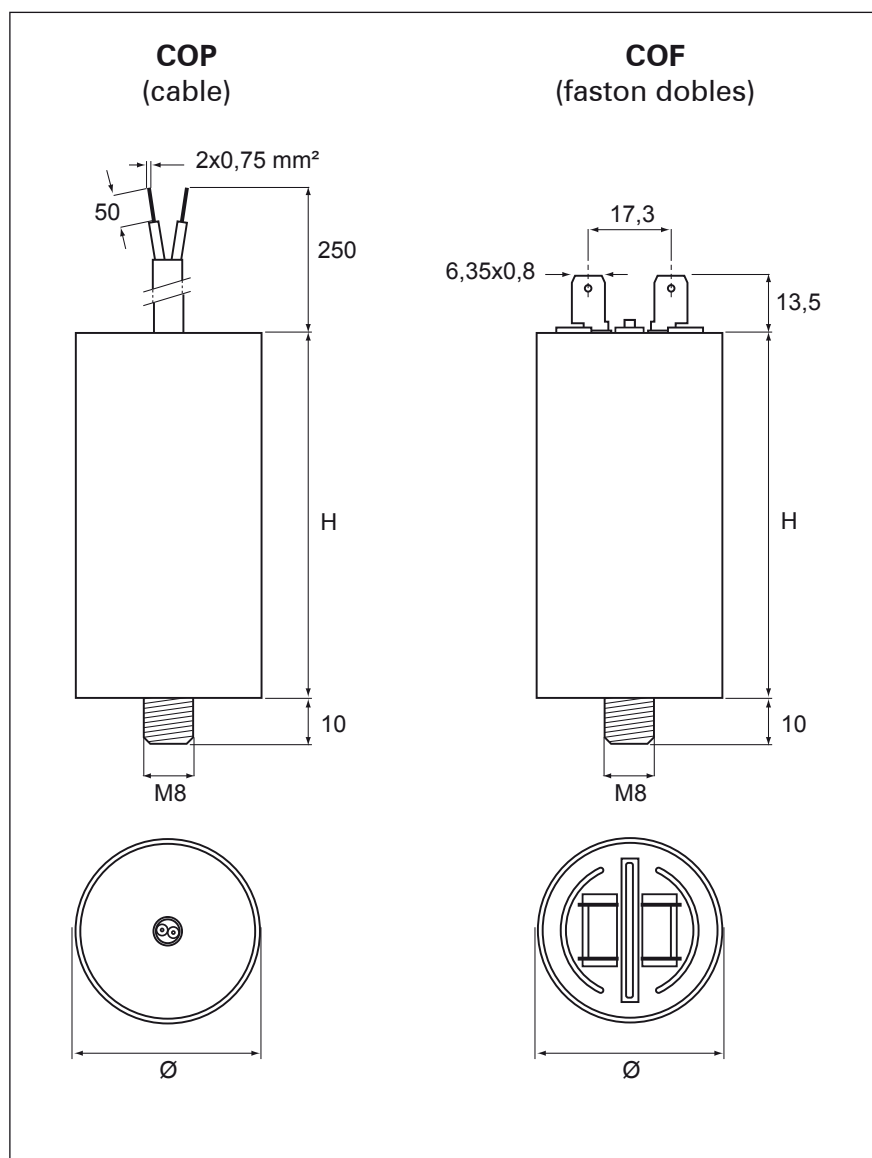
MOTOR RUNNING CAPACITORS

Type COP COF



Dimensions

Capacity $\pm 5\%$	$\varnothing \times H$ (mm)	
μf	COP	COF
1	28 x 56	25 x 51
1.25	28 x 56	25 x 51
1.5	28 x 56	25 x 51
2	28 x 56	25 x 51
2.5	28 x 56	25 x 51
3.15	28 x 56	25 x 51
3,5	28 x 56	25 x 51
4	28 x 56	25 x 51
4,5	28 x 56	30 x 51
5	28 x 56	30 x 51
6	28 x 56	30 x 51
8	32 x 56	30 x 71
10	36 x 58	30 x 71
12,5	36 x 70	35 x 71
14	36 x 70	35 x 71
15	36 x 70	35 x 71
16	36 x 70	35 x 71
18	40 x 68	40 x 71
20	40 x 68	40 x 71
25	40 x 93	45 x 71
30	40 x 93	45 x 71
35	45 x 93	45 x 91
40	45 x 93	45 x 91
45	50 x 93	45 x 116
50	50 x 93	45 x 116
60	50 x 118	45 x 116
70	50 x 118	50 x 116
80	55 x 122	55 x 116
100	60 x 122	55 x 116



Size in mm

The manufacturer reserves the right to modify sizes without previous notice.

Use

Self-healing capacitors for use in running single-phase asynchronous motors and in all general A.C. applications at 50/60Hz,

Construction

Self-extinguishing plastic case filled with resin. This range gives very good electrical reliability together with high mechanical resistance to shock and vibration.

VDE approvals in accordance with European Standard EN 60252-1.

Motor capacitors are divided in two groups (according to the terminations):

COF = capacitors with fast-on terminals,

COP = capacitors with double insulated cable

Technical data

Rated voltage, exp. life, climatic category	450V,C,25/085/21 450V, C, 25/070/21 400V, B, 25/085/21
Case and cover	Flame retardant plastic material
Fixing	M8 fixing stud
Terminals	COP : 2 cable 0,75 mm ² pvc covered (90°rating) COF : 6,3 x 0,8 mm faston terminals
Standards	EN60252
Max working voltage	1,1 Un
Test voltage between terminals	2 Un for 2 sec
Test voltage between terminals and case	COP : 2000 Vac for 2 sec COF : 2500 Vac for 2 sec
dV/dt	COP : 20V/μs COF : 10V/μs
Loss factor	COP : $\leq 15 \times 10^{-4}$ (Un-50Hz) COF : $\leq 5 \times 10^{-4}$ (Un-50Hz)
Class of safety protection	P0

We show below the life rating of the operating classes :

Class D = 1000 hours, Class C = 3000 hours, Class B = 10000 hours, Class A = 30000 hours

25 = minimum working temperature (-25°C), 085 = maximum working temperature (85°C)

21 = duration (days) of the humidity test.

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