

# MK-AS

P.F.C. Single-phase Capacitors



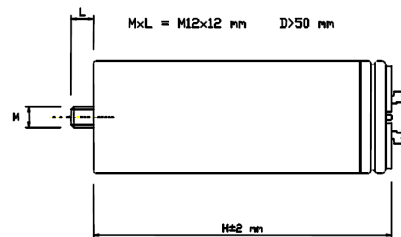
## PERFORMANCE DATA

- Capacitance tolerance      -5% / +10%.
- Rated frequency            50 Hz (60 Hz on request)
- Supply                         Single-phase
- Max. allowable voltage      1,1 Un (max. 8 /24 h)
- Safety device                 Overpressure disconnecter
- Expected life                 80.000 / 130.000 hours

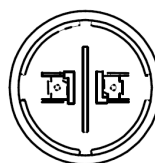
**MK-AS** capacitors are particularly suitable for harmonic filtering and low voltage **power factor correction**. These cylindrical polypropylene capacitors are made with an aluminium housing and allow **easy assembly**. The construction features of the series make the MK-AS a component of excellent quality and durability.

## TECHNICAL DATA

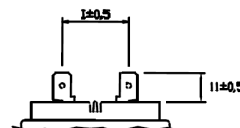
Dielectric	Self-healing metallised polypropylene (MKP).
Case	Aluminium.
Execution	Vegetable oil, PCB free. On request: dry type, in resin.
Fastening	M12 bolt. Nut and washer (included).
Degree of protection	IP 00.
Test voltage	2,15 Un / 10 sec between terminals. 3000 Vac / 10 sec between terminal and case.
Dielectric losses	≤ 0,2 W / kvar.
Total losses of the capacitor	≤ 0,4 W / kvar.
Discharge resistors	Included (50V residual within 30 sec).
Safety device	Overpressure disconnecter
Max. voltage / time variation	< 30V / μs
Temperature class category	-25°C / D.
Ambient temperature	Max value: +55°C. Average daily: +45°C Average yearly: +35°C
Type of service	Continuous – indoor.



Faston Dopplo 6,3  
Double tinned faston 6,3



I = 24 mm    D > 55 mm



## QUALITY AND TESTING

Regulations            IEC / EN 60831-1/2; certified by IMQ (V1927).

European directives    Low voltage: 2014/35/CE; Electromagnetic compatibility: 2014/30/CE.

## CONFIGURATIONS

Table

Code	Rated power (kvar)	Capacitance ( $\mu$ f)	Rated voltage (Vn)	Dimensions (D x H)	Fastening	Terminals
8490461	3,60	66,6	415	60 x 141	M12	Double Faston
8490496	5,68	105	415	65 x 185	M12	Double Faston
8490431	1,88	31	440	60 x 107	M12	Double Faston
8490438	2,34	38,5	440	60 x 107	M12	Double Faston
8490465	3,34	55	440	60 x 131	M12	Double Faston
8490479	4,68	77	440	60 x 131	M12	Double Faston
8490384	5,10	84	440	60 x 185	M12	Double Faston
8490492	5,59	92	440	65 x 185	M12	Double Faston
8490639	3,02	38,5	500	65 x 107	M12	Double Faston
8490556	4,39	56	500	65 x 185	M12	Double Faston
8490562	4,86	62	500	65 x 157	M12	Double Faston
8490577	6,04	77	500	65 x 185	M12	Double Faston
8490621	1,99	21	550	60 x 107	M12	Double Faston
8490650	4,75	50	550	65 x 185	M12	Double Faston

Series of **DMP** capacitors, which guarantee longer life thanks to **wave-cut** technology:

Code	Rated power (kvar)	Capacitance ( $\mu$ f)	Rated voltage (Vn)	Dimensions (D x H)	Fastening	Terminals
8490540	3,66	38,5	550	65 x 107	M12	Double Faston
8490766	6,33	66,6	550	65 x 185	M12	Double Faston
8490767	7,32	77	550	65 x 185	M12	Double Faston

Other solutions are available upon request.