

KNK3053 Cylindrical LV Power Factor Correction Capacitors

- Three phase power factor correction capacitors up to 40kVAr
- Aluminium case with M12 mounting stud and screw terminals
- Self-healing metalized polypropylene dielectric
- Dry type with non PCB polyurethane resin
- Overpressure disconnection system
- Discharge resistors externally fitted

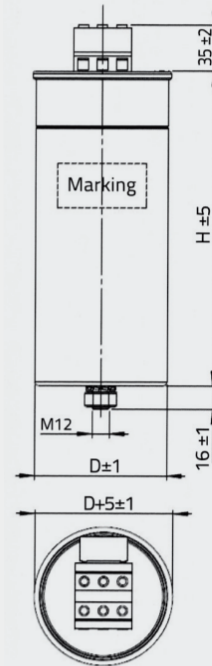


Order Code	525V 50Hz		415V 50Hz *		Capacitance (uF)	Dimensions D x H (mm)	Weight (kg)
	Qn (kvar)	In (A)	Qn (kvar)	In (A)			
ISKNK10535205B	5	5.5	3.1	4.3	3 x 19.3	75 x 165	0.9
ISKNK10535207B	7.5	8.2	4.7	6.5	3 x 28.9	75 x 210	1.1
ISKNK10535210B	10	11	6.2	8.7	3 x 38.5	75 x 245	1.4
ISKNK10535212B	12.5	13.7	7.8	10.8	3 x 48.1	75 x 245	1.4
ISKNK10535215B	15	16.5	9.4	13.0	3 x 57.7	90 x 210	1.5
ISKNK10535220B	20	22	12.5	17.4	3 x 77	90 x 285	2.1
ISKNK10535225B	25	27.5	15.6	21.7	3 x 96.2	116 x 210	2.5
ISKNK10535230B	30	33	18.7	26.1	3 x 115.5	116 x 245	2.6
ISKNK10535240B	40	44	25	34.8	3 x 154	116 x 285	3.2

* Equivalent KVAR of 525V capacitor on 415V supply.

Specifications:

Rated voltage:	Un 220-800V 50/60Hz (Standard stocked range is 525V 50Hz suitable for harmonic filter reactors)
Connection:	Delta
Dielectric:	Polypropylene
Dielectric losses:	≤ 0.2 W/kvar
Total losses:	≤ 0.45 W/kvar
Max. Overvoltage:	1.1 x Un (8h/day) 1.2 x Un (5m – 200 times per lifetime) 1.3 x Un (1m – 200 times per lifetime)
Max. Overcurrent:	1.5 x In
Inrush Current:	200 x In
Isolation level:	4/- kV rms
Power tolerance:	-5/+10 %
Protection:	IP00
Temp rating (°C):	-40/D (max 55°C, max mean 24h 45°C, max mean 1 year 35°C) > 120,000 h
Lifetime:	> 120,000 h
Connection:	Screw terminals 2 x 16mm ² /phase for D=75mm 2 x 25mm ² /phase for D≥90mm
Discharge Resistor:	to 75V ≤ 3 min
Construction:	Aluminium can
Standards:	IEC 60831, EN 60831



Dimensions in mm