

FRAKO POWER CAPACITORS

- Ideal for:**
- Power Factor Correction Equipment
 - Harmonic Filters



Since 1928

FRAKO capacitors offer dependable performance in high harmonic environments.

// World Leading Design

Since 1928 FRAKO has continuously perfected capacitor design and production techniques with many advances such as environmentally-friendly DRY TYPE capacitors for vertical and horizontal mounting. Exclusive self-healing, segmented film designed for safety, reliability and long life expectancy. Capacitors are conservatively engineered with high current capability to handle continuous current as high as up to 2.7 times nominal capacitor current. Also available is an optional touch-safe snap-on terminal for secure lifetime connections. These patented fast connecting terminals save wiring time and are virtually maintenance free.

// Exceeds Industry Standards

Our specifications for capacitors meet or exceed all known industry standards and FRAKO capacitors surpass the requirements of UL, CSA and EN/IEC standards. Rigorous quality tests following each individual manufacturing step confirm continuous high quality and reliability.

// Features that Matter

- High current capability with UL or IEC approvals
- Dry type = vertical / horizontal mounting (no leaks)
- 4000 meters altitude without de-rating
- Ambient temperature -40°C up to +68°C
- Triple safety feature
- Factory installed discharge resistors
- Handles continuous current up to 2.25 (60Hz) / 2.7 (50Hz) times nominal current
- Withstands inrush current up to 375 (60Hz) / 450 (50Hz) times nominal current

// Use FRAKO Power Capacitors in Power Factor Correction Systems and Harmonic Filters:

- Save on Energy Costs by Improving Low Power Factor & Eliminating Penalties
- Reduce Electrical Problems Associated with Harmonics in the Power System
- Increase Reliability of Your Electrical Power Quality System
- Reduce Capacitor Installation Costs

Select capacitor TYPE based on specifications: *Standard, Premium or Heavy Duty*
See table on reverse side.

Capacitors are stocked in Wisconsin.



**3-phase
240 - 800V; 50/60 Hz
Triple Safety Features**

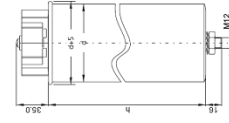
FRAKO Capacitor Technical Data

Capacitor Types: Standard, Premium, and Heavy Duty

Technical Data	Standard (Type DP)	Premium (Type DL) (may also be used at higher voltage, with Type DP spec*)	Heavy Duty (Type HD)
Type	DP Specification LKT...-DP60	DL Specification LKT...-DL60	HD Specification LKT...-HD60
Rated Reactive Power	0.9 to 30 kvar (60 Hz) 0.7 to 25 kvar (50 Hz)	1.8 to 25 kvar (60 Hz) 1.5 to 20.8 kvar (50 Hz)	3.2 to 21.6 kvar (60 Hz) 2.7 to 18 kvar (50 Hz)
Capacitor Rated Voltage	240 - 800 Vac	400 - 525 Vac	480 - 525 Vac
Rated Frequency	60 - 50 Hz	60 - 50 Hz	60 - 50 Hz
Maximum Over-current	1.5 x I _N (60 Hz) 1.8 x I _N (50 Hz)	1.8 x I _N (60 Hz) 2.2 x I _N (50 Hz)	2.25 x I _N (60 Hz) 2.7 x I _N (50 Hz)
Ambient Temperature	-40°C to +60°C -40°F to +140°F	-40°C to +65°C -40°F to +149°F	-40°C to +68°C -40°F to +154°F
Maximum Case Temperature	75 °C (167 °F)	75 °C (167 °F)	75 °C (167°F)
Test Voltage Terminal/Terminal	2.15 x U _N for 2 sec, plus 1.85 x U _N for 18 sec	2.15 x U _N for 2 sec, plus 1.85 x U _N for 18 sec	2.15 x U _N for 2 sec, plus 1.85 x U _N for 18 sec
Test Voltage Terminal/Case	3,900 V, 2 sec	3,900 V, 2 sec	3,900 V, 2 sec
Mean Life Expectancy	130,000 hr	170,000 hr	200,000 hr
Max. Relative Humidity Non-Condensing	95%	95%	95%
Max. Altitude	4,000m (13,124ft)	4,000m (13,124ft)	4,000m (13,124ft)
Number of Annual Switching Operations	40,000	60,000	100,000
Discharging Level in 60 Sec.	≤50V	≤50V	≤50V

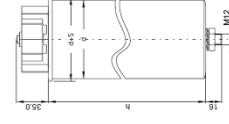
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