

# Totaline AC Capacitors

## FOR MOTOR RUN APPLICATIONS



### FEATURES AND BENEFITS

- 60,000-hour life at rated temperature
- -40°C to 70°C (-40°F to 158°F) operating temperature
- Tested per EIA-456-A industry standards  
+/-5% Tolerance
- Accelerated life test performance:  
2,000 hours @ 125% rated voltage  
@ 80°C (176 ° F)
- UL 810 & CSA Approved
- 10,000 AFC Protected
- Seven micrometer thick Polypropylene film  
for reliability and quality

**TOTALINE**

Universal HVAC/R  
Parts and Supplies



## OVAL MOTOR RUN CAPACITOR SINGLE

CAP GRP	RCD P/N	VOLTAGE (VAC)	CAPITANCE (MF) MFD	DIA WxD (IN.)	OVERALL HEIGHT (IN.)	PAIRS WITH CAPACITOR STRAP
Oval Single	P291-0204	440	2	2.1 x 1.3	2.2	P281-0031
Oval Single	P291-0304	440	3	2.1 x 1.3	2.2	P281-0031
Oval Single	P291-0404	440	4	2.1 x 1.3	2.2	P281-0031
Oval Single	P291-0504	440	5	2.1 x 1.3	2.8	P281-0031
Oval Single	P291-0604	440	6	2.1 x 1.3	2.8	P281-0031
Oval Single	P291-0754	440	8	2.1 x 1.3	3.0	P281-0031
Oval Single	P291-1004	440	10	2.1 x 1.3	3.4	P281-0031
Oval Single	P291-1254	440	13	2.1 x 1.3	3.7	P281-0031
Oval Single	P291-1504	440	15	2.1 x 1.3	3.7	P281-0031
Oval Single	P291-1754	440	18	2.9 x 1.9	3.4	P281-0028
Oval Single	P291-2004	440	20	2.9 x 1.9	3.4	P281-0028
Oval Single	P291-2504	440	25	2.9 x 1.9	3.7	P281-0028
Oval Single	P291-3004	440	30	2.9 x 1.9	3.7	P281-0028
Oval Single	P291-3504	440	35	2.9 x 1.9	4.1	P281-0028
Oval Single	P291-4004	440	40	3.7 x 2.0	3.4	P281-0028
Oval Single	P291-4504	440	45	3.7 x 2.0	3.7	P281-0028
Oval Single	P291-5004	440	50	3.7 x 2.0	4.1	P281-0028
Oval Single	P291-6004	440	60	3.7 x 2.0	4.5	P281-0028
Oval Single	P291-6504	440	65	3.7 x 2.0	4.5	P281-0028
Oval Single	P291-7004	440	70	3.7 x 2.0	4.9	P281-0028
Oval Single	P291-8004	440	80	3.7 x 2.0	5.3	P281-0028

## ROUND MOTOR RUN CAPACITOR SINGLE

CAP GRP	RCD P/N	VOLTAGE (VAC)	CAPITANCE (MF) MFD	DIA WxD (IN.)	OVERALL HEIGHT (IN.)	PAIRS WITH CAPACITOR STRAP
Round Single	P291-0504R	440	5	2.0 x 2.4	3.0	P281-0025
Round Single	P291-0754R	440	8	2.0 x 2.4	3.0	P281-0025
Round Single	P291-1004R	440	10	2.0 x 2.4	3.0	P281-0025
Round Single	P291-1254R	440	13	2.0 x 2.4	3.0	P281-0025
Round Single	P291-1504R	440	15	2.0 x 2.8	3.4	P281-0025
Round Single	P291-2004R	440	20	2.0 x 2.8	3.4	P281-0025
Round Single	P291-2504R	440	25	2.0 x 3.2	3.7	P281-0025
Round Single	P291-2504R	440	25	2.0 x 3.2	3.7	P281-0025
Round Single	P291-3004R	440	30	2.0 x 3.6	4.1	P281-0025
Round Single	P291-3504R	440	35	2.0 x 4.0	4.5	P281-0025
Round Single	P291-4004R	440	40	2.0 x 4.0	4.5	P281-0025
Round Single	P291-4504RS	440	45	2.0 x 4.4	4.9	P281-0025
Round Single	P291-5004R	440	50	2.0 x 4.8	5.3	P281-0025
Round Single	P291-5504R	440	55	2.5 x 3.6	4.1	P281-0025
Round Single	P291-6004R	440	60	2.5 x 4.0	4.5	P281-0025
Round Single	P291-8004R	440	80	2.5 x 4.8	5.3	P281-0025





## OVAL MOTOR RUN CAPACITOR DUAL

CAP GRP	RCD P/N	VOLTAGE (VAC)	CAPITANCE (MF) MFD	DIA WxD (IN.)	OVERALL HEIGHT (IN.)	PAIRS WITH CAPACITOR STRAP
Oval Dual	P291-0554	440	5/5	2.9 X 1.9	3.4	P281-0028
Oval Dual	P291-0774	440	7.5/7.5	2.9 X 1.9	3.4	P281-0028
Oval Dual	P291-1014	440	10/10	2.9 X 1.9	3.4	P281-0028
Oval Dual	P291-1544	440	15/4	2.9 X 1.9	3.4	P281-0028
Oval Dual	P291-1554	440	15/5	2.9 X 1.9	3.4	P281-0028
Oval Dual	P291-1574	440	18	2.9 X 1.9	3.4	P281-0028
Oval Dual	P291-2054	440	20/5	2.9 X 1.9	3.7	P281-0028
Oval Dual	P291-2074	440	20/7.5	2.9 X 1.9	3.7	P281-0028
Oval Dual	P291-2514	440	25/10	2.9 X 1.9	4.1	P281-0028
Oval Dual	P291-2574	440	25/7.5	3.7 X 2.0	4.1	P281-0028
Oval Dual	P291-3054	440	30/5	3.7 X 2.0	4.1	P281-0028
Oval Dual	P291-3074	440	30/7.5	3.7 X 2.0	4.1	P281-0028
Oval Dual	P291-3514	440	35/10	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-3554	440	35/5	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-3574	440	35/7.5	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-4014	440	40/10	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-4054	440	40/5	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-4074	440	40/7.5	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-4514	440	45/10	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-4554	440	45/5	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-4574	440	45/7.5	3.7 X 2.0	4.5	P281-0028
Oval Dual	P291-5014	440	50/10	3.7 X 2.0	4.9	P281-0028
Oval Dual	P291-5054	440	50/5	3.7 X 2.0	4.9	P281-0028
Oval Dual	P291-5074	440	50/7.5	3.7 X 2.0	4.9	P281-0028
Oval Dual	P291-5554	440	55/5	3.7 X 2.0	4.9	P281-0028
Oval Dual	P291-5574	440	55/7.5	3.7 X 2.0	4.9	P281-0028
Oval Dual	P291-6014	440	60/10	3.7 X 2.0	5.3	P281-0028
Oval Dual	P291-6054	440	60/5	3.7 X 2.0	5.3	P281-0028
Oval Dual	P291-7054	440	70/5	3.7 X 2.0	5.7	P281-0028
Oval Dual	P291-8014	440	80/10	3.7 X 2.0	6.1	P281-0028
Oval Dual	P291-8054	440	80/5	3.7 X 2.0	6.1	P281-0028
Oval Dual	P291-8074	440	80/7.5	3.7 X 2.0	6.1	P281-0028

This capacitor series is designed specifically for the motor run applications where the capacitors are used in conjunction with permanent split capacitor type motors. They may be used on either 50 or 60-Hertz systems but should not be used at higher frequencies or in applications where higher frequency harmonics are present. For those types of applications the General Purpose AC Capacitors should be used.

### PRODUCT RANGE

- Capacitance: 5uF to 80uF
- Tolerance: +/- 5%
- Voltage: 440 VAC
- Op Temp: --40°C to 70°C (-40°F to 158°F) operating temperature



## ROUND MOTOR RUN CAPACITOR DUAL

CAP GRP	RCD P/N	VOLTAGE (VAC)	CAPITANCE (MF) MFD	DIA WxD (IN.)	OVERALL HEIGHT (IN.)	PAIRS WITH CAPACITOR STRAP
Round Dual	P291-1554RS	440	15/5	2.0 X 3.6	4.1	P281-0025
Round Dual	P291-2054RS	440	20/5	2.0 X 3.6	4.1	P281-0025
Round Dual	P291-2514R	440	25/10	2.0 X 4.4	4.9	P281-0025
Round Dual	P291-2534R	440	20/3	2.0 X 4.0	4.5	P281-0025
Round Dual	P291-2554RS	440	25/5	2.0 X 4.0	4.5	P281-0025
Round Dual	P291-2574R	440	25/7.5	2.0 X 4.0	4.5	P281-0025
Round Dual	P291-3014R	440	30/10	2.0 X 4.8	5.3	P281-0025
Round Dual	P291-3034R	440	30/3	2.0 X 4.8	4.9	P281-0025
Round Dual	P291-3054RS	440	30/5	2.0 X 4.4	4.9	P281-0025
Round Dual	P291-3074R	440	30/7.5	3.7 X 2.0	4.1	P281-0025
Round Dual	P291-3514R	440	35/3	3.7 X 2.0	4.5	P281-0025
Round Dual	P291-3534R	440	35/3	2.0 X 4.4	4.9	P281-0025
Round Dual	P291-3554RS	440	35/5	2.0 X 4.4	4.9	P281-0025
Round Dual	P291-3574RS	440	35/7.5	2.0 X 4.4	4.9	P281-0025
Round Dual	P291-4034R	440	40/3	2.0 X 4.8	5.3	P281-0025
Round Dual	P291-4054RS	440	40/5	2.0 X 4.8	5.3	P281-0025
Round Dual	P291-4074RS	440	40/7.5	2.0 X 4.8	5.3	P281-0025
Round Dual	P291-4514R	440	45/10	2.5 X 4.4	4.9	P281-0025
Round Dual	P291-4534R	440	45/3	2.5 X 4.0	4.5	P281-0025
Round Dual	P291-4554RS	440	45/5	2.5 X 4.0	4.5	P281-0025
Round Dual	P291-4574RS	440	45/7.5	2.5 X 4.0	4.5	P281-0025
Round Dual	P291-5054RS	440	50/5	2.5 X 4.4	4.9	P281-0025
Round Dual	P291-5074R	440	50/7.5	2.5 X 4.4	4.9	P281-0025
Round Dual	P291-5514RS	440	55/10	2.5 X 4.8	5.3	P281-0025
Round Dual	P291-5554RS	440	55/5	2.5 X 4.4	4.9	P281-0025
Round Dual	P291-5574RS	440	55/7.5	2.5 X 4.4	4.9	P281-0025
Round Dual	P291-6014R	440	60/10	2.5 X 5.2	5.7	P281-0025
Round Dual	P291-6054R	440	60/5	2.5 X 4.8	5.3	P281-0025
Round Dual	P291-6074R	440	60/7.5	2.5 X 4.8	5.3	P281-0025
Round Dual	P291-7014R	440	70/10	2.5 x 5.6	6.1	P281-0025
Round Dual	P291-7054R	440	70/5	2.5 x 5.2	5.7	P281-0025
Round Dual	P291-7074R	440	70/7.5	2.5 x 5.2	5.7	P281-0025
Round Dual	P291-7554R	440	75/5	2.5 x 5.2	5.7	P281-0025
Round Dual	P291-8014R	440	80/10	2.5 x 5.9	6.5	P281-0025
Round Dual	P291-8054R	440	80/5	2.5 x 5.6	6.1	P281-0025
Round Dual	P291-8074R	440	80/7.5	2.5 x 5.6	6.1	P281-0025



## CAPACITOR STRAPS

P/N	DIMENSIONS
P281-0025	Universal Fit
P281-0031	1.2 x 2.1 Oval
P281-0028	1.9 x 3.6 Oval