

DUAL SECTION MPP CAPACITORS	AL. CAN ENCAPSULATION
MPP-SH MOTOR RUN CAPACITORS	DAT SERIES / DAW SERIES

DAT/ DAW series are dual MPP-SH motor run capacitors encapsulated in cylindrical aluminium can construction. DAT series are with terminal lead out and is meant for application in air conditioners. DAW series are provided with flexible multistrand copper wire for lead out application. These capacitors integrate dual capacitor elements wound around a single core with one common terminal.

Constructional Features

- Casing : Cylindrical Aluminium can construction
- Dielectric : Polypropylene
- Top sealing : Terminal board
- Lead out : 3 tin plated steel terminal for DAT series/
3 set of flexible multistrand copper wire for DAW series

Salient Features

- i) Self healing properties
- ii) High insulation resistance
- iii) Low dissipation factor
- iv) MPP-SH film of reputed imported make
- v) Capacitor elements wound using fully automatic microprocessor controlled winding machine imported from Switzerland.

Technical Specifications

- Capacitance range : 25µF+4µF to 60µF+10µF
- Rated capacitance tolerance : ±5%
- Rated voltage : 440Vac
- Rated frequency : 50/60Hz
- Temperature category : -25⁰C to +85⁰C
- Reference Standard : IS 2993 / IEC 252

Terminal Marking

Three output terminals are marked H, F and C. ‘C’ is the common terminal for both capacitors. Higher capacitance value meant for compressor is terminated at ‘H’ and lower capacitance value meant for fan is terminated at ‘F’.

- Eg: For 50µF+6µF capacitor
- 50µF – Between ‘H’ and ‘C’ terminal
- 6µF – Between ‘F’ and ‘C’ terminal

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Mechanical Dimensions

Sl.No	Rating	Capacitor size
1.	25µF + 4µF	Ø63 X 90Lmm
2.	25µF + 5µF	Ø63 X 90Lmm
3.	25µF + 6µF	Ø63 X 90Lmm
4.	25µF + 7.5µF	Ø63 X 90Lmm
5.	25µF + 10µF	Ø63 X 90Lmm
6.	30µF + 2.5µF	Ø63 X 90Lmm
7.	30µF + 4µF	Ø63 X 90Lmm
8.	30µF + 5µF	Ø63 X 90Lmm
9.	30µF + 6µF	Ø63 X 90Lmm
10.	30µF + 7.5µF	Ø63 X 90Lmm
11.	30µF + 10µF	Ø63 X 90Lmm
12.	35µF + 4µF	Ø63 X 115Lmm
13.	35µF + 5µF	Ø63 X 115Lmm
14.	35µF + 6µF	Ø63 X 115Lmm
15.	35µF + 7.5µF	Ø63 X 115Lmm
16.	35µF + 10µF	Ø63 X 115Lmm
17.	36µF + 6µF	Ø63 X 115Lmm
18.	40µF + 4µF	Ø63 X 115Lmm
19.	40µF + 5µF	Ø63 X 115Lmm
20.	40µF + 6µF	Ø63 X 115Lmm
21.	40µF + 7.5µF	Ø63 X 115Lmm
22.	40µF + 10µF	Ø63 X 115Lmm
23.	45µF + 4µF	Ø63 X 115Lmm
24.	45µF + 5µF	Ø63 X 115Lmm
25.	45µF + 6µF	Ø63 X 115Lmm
26.	45µF + 7.5µF	Ø63 X 115Lmm
27.	45µF + 10µF	Ø63 X 115Lmm
28.	50µF + 2µF	Ø63 X 115Lmm
29.	50µF + 2.5µF	Ø63 X 115Lmm
30.	50µF + 4µF	Ø63 X 115Lmm
31.	50µF + 5µF	Ø63 X 115Lmm
32.	50µF + 6µF	Ø63 X 115Lmm
33.	50µF + 7.5µF	Ø63 X 115Lmm
34.	50µF + 10µF	Ø63 X 115Lmm
35.	60µF + 4µF	Ø63 X 140Lmm
36.	60µF + 5µF	Ø63 X 140Lmm
37.	60µF + 6µF	Ø63 X 140Lmm
38.	60µF + 10µF	Ø63 X 140Lmm

DAT SERIES



DAW SERIES



Note:

- 1) Length indicated is the Al. case length. Terminal length of 12mm is to be added to arrive at total length.
- 2) All dimensions are in mm.
Diameter – Tolerance ±2mm
Length – Tolerance ±3mm