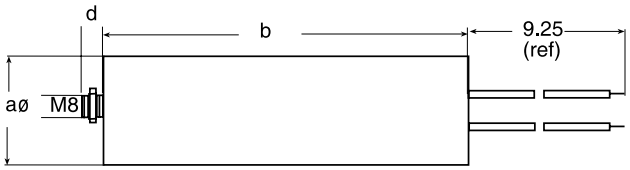
HOW TO USE CAPACITORS FOR MULTI-SPEED BLOWERS
It is possible to make any ebm blower with a PSC motor a multi-speed blower by adding a second or third capacitor on the load line (blue) at or near the value of the motor run capacitor. Actual capacitor value and RPM achieved are dependent on the nature of each application.

PLASTIC CAPACITORS

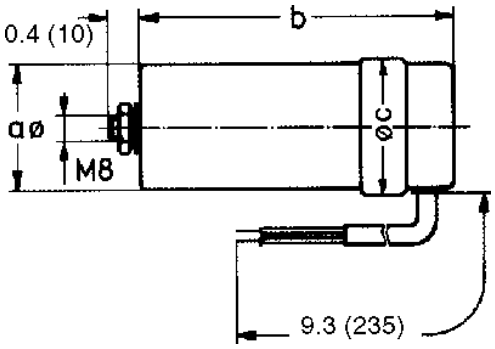
Part Number	Size (mfd)	Temp. Range (ûC)	Max. Dim in. (mm) a	b	d
02100-4-7320	1	-25 to +85	1.1 (28)	2.2 (55)	0.5 (12)
99282-4-7320	1.5	-25 to +85	1.1 (28)	2.2 (55)	0.5 (12)
99283-4-7320	2	-25 to +85	1.1 (28)	2.2 (55)	0.5 12)
02103-4-7320	2.5	-25 to +85	1.1 (28)	2.2 (55)	0.5 (12)
02102-4-7320	3	-25 to +85	1.1 (28)	2.2 (55)	0.5 (12)
99284-4-7320	4	-25 to +85	1.3 (32)	2.2 (55)	0.5 12)
02101-4-7320	5	-25 to +85	1.4 (36)	2.3 (58)	0.5 (12)
99285-4-7320	6	-25 to +85	1.4 (36)	2.8 (70)	0.5 (12)
99286-4-7320	8	-25 to +85	1.6 (40)	2.6 (67)	0.5 (12)
99287-4-7320	10	-25 to +85	1.6 (40)	2.8 (70)	0.5 (12)

(For larger sizes consult factory)



METAL CAPACITORS

Part Number	Size (mfd)	Temp. Range (ûC)	Max. Dim. in (mm) a	b	c
2151-4-7320	1	-25 to +85	1.0 (25)	2.9 (74)	1.1 (29)
2155-4-7320	1.5	-25 to +85	1.0 (25)	2.9 (74)	1.1 (29)
2156-4-7320	2	-25 to +85	1.0 (25)	2.9 (74)	1.1 (29)
2159-4-7320	2.5	-25 to +85	1.2 (30)	2.8 (71)	1.3 (34)
2160-4-7320	3	-25 to +85	1.2 (30)	3.9 (99)	1.3 (34)
2161-4-7320	4	-25 to +85	1.2 (30)	4.1 (104)	1.3 (34)
2162-4-7320	5	-25 to +85	1.4 (35)	4.1 (104)	1.5 (39)
2163-4-7320	6	-25 to +85	1.4 (35)	4.0 (101)	1.5 (38)
2164-4-7320	7	-25 to +85	1.6 (40)	4.0 (101)	1.7 (43)
2165-4-7320	8	-25 to +85	1.4 (35)	4.0 (101)	1.5 (38)
2166-4-7320	10	-25 to +85	1.4 (35)	3.9 (99)	1.5 (39)
2167-4-7320	12	-25 to +85	1.6 (40)	3.9 (99)	1.7 (43)
2168-4-7320	16	-25 to +75	1.8 (46)	6.3 (160)	1.9 (48)
2169-4-7320	20	-25 to +75	1.8 (46)	6.3 (160)	1.9 (48)
2170-4-7320	25	-25 to +75	1.8 (46)	6.3 (160)	1.9 (48)



e-mail: sales@us.ebmpapst.com · TEL: 860-674-1515 · FAX: 860-674-8536
ebm-papst Inc., 100 Hyde Road, Farmington, CT 06034 USA
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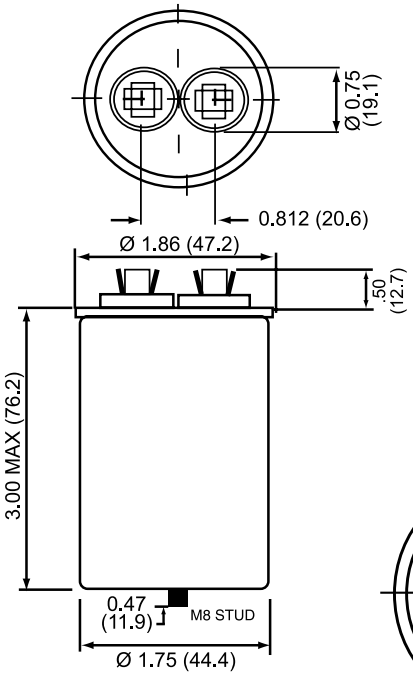
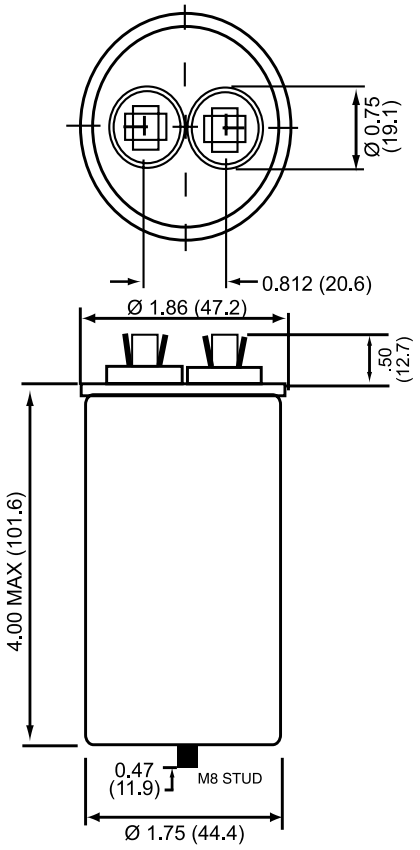
Part Number	Size (mfd)	Temp Range ?C
450-20-0017	1	-20 to +85
450-20-0018	1.5	-20 to +85
450-20-0019	2	-20 to +85
450-20-0020	2.5	-20 to +85
450-20-0021	3	-20 to +85
450-20-0022	4	-20 to +85
450-20-0023	5	-20 to +85
450-20-0024	6	-20 to +85
450-20-0025	7	-20 to +85
450-20-0026	8	-20 to +85
450-20-0027	10	-20 to +85
450-20-0028	12	-20 to +85



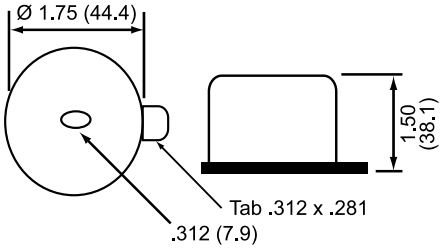
LARGER SIZE (see drawing)

Part Number	Size (mfd)	Temp Range ?C
450-20-0029	16	-20 to +85
450-20-0030	20	-20 to +85
450-20-0031	25	-20 to +85
450-20-0033	30	-20 to +85
450-20-0034	40	-20 to +85



Part Number for Boot	710-00-0042

Boot Dimensions



* UL File # for capacitors E133000(N)
CSA File # for capicitors LR96263

UL File # for Boot SA6016(N)

e-mail: sales@us.ebmpapst.com · TEL: 860-674-1515 · FAX: 860-674-8536
ebm-papst Inc., 100 Hyde Road, Farmington, CT 06034 USA

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