



Motors



TECHNICAL SPECIFICATIONS

Universal Condenser Motors

TOTALLY ENCLOSED CONDENSER MOTORS							
PART NUMBER	HORSE POWER	RPM	VOLTAGE	AMPS	FRAME	SPEEDS	SHAFT
BTC161SP2	1/6	1075	208/230	0.9	48	1	1/2" X 6"
BTC251SP2	1/4	1075	208/230	1.8	48	1	1/2" X 6"
BTC331SP2	1/3	1075	208/230	2.4	48	1	1/2" X 6"
BTC501SP2	1/2	1075	208/230	3.5	48	1	1/2" X 6"
BTC751SP2	3/4	1075	208/230	5.2	48	1	1/2" X 6"
BTC161SP2825	1/6	825	208/230		48	1	1/2" X 6"
BTC251SP2825	1/4	825	208/230		48	1	1/2" X 6"
BTC331SP2825	1/3	825	208/230		48	1	1/2" X 6"
BTC501SP2825	1/2	825	208/230		48	1	1/2" X 6"

Condenser Motors

Part Number	HP	RPM	SPEED	VOLT	AMPS	CAPACITOR	Emerson	Regal-Beloit (GE)	AO Smith	FASCO	Diversitech	Smart
TOTALLY ENCLOSED CONDENSER MOTORS (ball bearings, 1075 RPM applications)												
BTC33MSP2	1/3	1110	HIGH	208/230	2.6	7.5	5462	3465	FE6000	D2827	WG840465	SE3465
	1/4	1135	HIGH	208/230	2.5	5.0						
	1/5	1110	LOW	208/230	2.0	7.5						
	1/6	1125	LOW	208/230	1.8	5.0						
TOTALLY ENCLOSED CONDENSER MOTORS (ball bearings, 825 RPM applications)												
BTC33MSP3	1/3	825	HIGH	208/230	2.3	10	5464	3469	FE6001	D2826	WG840469	SE3469
	1/4	835	HIGH	208/230	2.0	10.0						
	1/5	825	LOW	208/230	1.6	10						
	1/6	835	LOW	208/230	1.3	10.0						
BTC50MSP2	1/2	1110	HIGH	208/230	4.0	12.5	5465	3468	FE6002		WG840468	SE3464
	1/3	1135	HIGH	208/230	2.4	10						
	1/4	1110	LOW	208/230	2.2	12.5						
	1/5	1125	LOW	208/230	2.0	10						

Universal Blower Motors

DIRECT DRIVE BLOWER MOTORS							
PART NUMBER	HORSE POWER	RPM	VOLTAGE	AMPS	FRAME	SPEEDS	SHAFT
BTE253SP1	1/4	1075	115	4.2	48	3	1/2" X 6"
BTE333SP1	1/3	1075	115	6.2	48	3	1/2" X 6"
BTE503SP1	1/2	1075	115	9	48	3	1/2" X 6"
BTE753SP1	3/4	1075	115	10.3	48	3	1/2" X 6"
BTE253SP2	1/4	1075	208/230	2	48	3	1/2" X 6"
BTE333SP2	1/3	1075	208/230	2.9	48	3	1/2" X 6"
BTE503SP2	1/2	1075	208/230	4.3	48	3	1/2" X 6"
BTE753SP2	3/4	1075	208/230	4.6	48	3	1/2" X 6"

Blower Motors

Part Number	HP	COOLING		HEATING		VOLT	AMPS	CAPACITOR	Emerson	Regal-Beloit (GE)	AO Smith	FASCO	Diversitech
		RPM	SPEED	RPM	SPEED								
DIRECT DRIVE BLOWER MOTOR (sleeve, 1075 RPM applications)													
BTE50MSP2	1/2	1100	HIGH	1100	HIGH	208/230	3.4	10	5461	3464	FD6000	D833	WG84064
	1/3	1120	HIGH	1120	HIGH	208/230	3	5 or 7.5					
	1/4	1125	MED-HI	1125	MED-HI	208/230	2	5 or 7.5					
	1/5	1110	MED-LOW	1110	MED-LOW	208/230	1.7	5 or 7.5					
	1/6	1085	LOW	1085	LOW	208/230	1.2	5 or 7.5					
BTE50MSP1	1/2	1100	HIGH	1100	HIGH	115	7	10	5460	3463	FDL6001	D2835	WG840463
	1/3	1120	HIGH	1120	HIGH	115	6.4	5 or 7.5					
	1/4	1125	MED-HI	1125	MED-HI	115	4.7	5 or 7.5					
	1/5	1110	MED-LOW	1110	MED-LOW	115	3.5	5 or 7.5					
	1/6	1085	LOW	1085	LOW	115	2.8	5 or 7.5					
DIRECT DRIVE BLOWER MOTOR (ball bearings, 1075 RPM applications)													
BTE75MSP1	3/4	1110	HIGH	1110	HIGH	115	10.5	20	5470	3466	FDL6002	D2832	WG840466
	1/2	1130	HIGH	1130	HIGH	115	10	10					
	1/3	1150	MED-HI	1150	MED-HI	115	7.2	10					
	1/4	1150	MED-LOW	1150	MED-LOW	115	5.4	10					
	1/5	1140	LOW	1140	LOW	115	4.1	10					
BTE75MSP2	3/4	1110	HIGH	1110	HIGH	208/230	5.5	20	5471	3467	FD6001	D2833	WG840467
	1/2	1130	HIGH	1130	HIGH	208/230	4.5	10					
	1/3	1150	MED-HI	1150	MED-HI	208/230	3.0	10					
	1/4	1150	MED-LOW	1150	MED-LOW	208/230	2.3	10					
	1/5	1140	LOW	1140	LOW	208/230	2.0	10					

Universal Cross Reference Chart

PART NUMBER	DESCRIPTION	AOS							WAGNER
		EMER	GE	FAS	MARA	MAG			
BTC161SP2	Condenser Motor; Totally Enclosed; 48 frame; single speed; 1/2" x 6" shaft; 1/6 HP; 1075 RPM; 208/230 volt; 0.9 amps; reversible; sleeve bearing	FSE1016S	1859	3727	D917	X411	184	WG840727	
BTC251SP2	Condenser Motor; Totally Enclosed; 48 frame; single speed; 1/2" x 6" shaft; 1/4 HP; 1075 RPM; 208/230 volt; 1.8 amps; reversible; sleeve bearing	FSE1026S	1860	3728	D909	X412	176	WG840728	
BTC331SP2	Condenser Motor; Totally Enclosed; 48 frame; single speed; 1/2" x 6" shaft; 1/3 HP; 1075 RPM; 208/230 volt; 2.4 amps; reversible; sleeve bearing	FSE1036S	1861	3729	D908	X413	175	WG840729	
BTC501SP2	Condenser Motor; Totally Enclosed; 48 frame; single speed; 1/2" x 6" shaft; 1/2 HP; 1075 RPM; 208/230 volt; 3.5 amps; reversible; sleeve bearing	FSE1056S	1862	3730	D907	X414	187	WG840730	
BTC751SP2	Condenser Motor; Totally Enclosed; 48 frame; single speed; 1/2" x 6" shaft; 3/4 HP; 1075 RPM; 208/230 volt; 5.2 amps; reversible; sleeve bearing	FSE1076S	1868	3731	D933	X095	779	WG840731	
BTC161SP2825	Condenser Motor; Totally Enclosed; 48 frame; single speed; 1/2" x 6" shaft; 1/6 HP; 825 RPM; 208/230 volt; reversible; sleeve bearing	FSE1018S	1873						
BTC331SP2825	Condenser Motor; Totally Enclosed; 48 frame; single speed; 1/2" x 6" shaft; 1/3 HP; 825 RPM; 208/230 volt; reversible; sleeve bearing	FSE1038S	1875						
BTC501SP2825	Condenser Motor; Totally Enclosed; 48 frame; single speed; 1/2" x 6" shaft; 1/2 HP; 825 RPM; 208/230 volt; reversible; sleeve bearing	FSE1058S							
BTE253SP1	Blower Motor; Direct Drive; 48 Frame; 1/2" x 4" shaft; 1/4 HP, 1075 RPM; 115 volt; 4.2 amps; reversible; sleeve bearing	DL1026	1863	3583	D721	X000	533	WG840583	
BTE333SP1	Blower Motor; Direct Drive; 48 Frame; 1/2" x 4" shaft; 1/3 HP, 1075 RPM; 115 volt; 6.2 amps; reversible; sleeve bearing	DL1036	1864	3585	D727	X002	532	WG840585	
BTE503SP1	Blower Motor; Direct Drive; 48 Frame; 1/2" x 4" shaft; 1/2 HP, 1075 RPM; 115 volt; 9.0 amps; reversible; sleeve bearing	DL1056	1865	3587	D701	X004	531	WG840587	
BTE253SP2	Blower Motor; Direct Drive; 48 Frame; 1/2" x 4" shaft; 1/4 HP, 1075 RPM; 208/230 volt; 2.0 amps; reversible; sleeve bearing	D1026	1971	3584	D725	X001	530	WG840584	
BTE333SP2	Blower Motor; Direct Drive; 48 Frame; 1/2" x 4" shaft; 1/3 HP, 1075 RPM; 208/230 volt; 2.9 amps; reversible; sleeve bearing	D1036	1972	3586	D923	X003	529	WG840586	
BTE503SP2	Blower Motor; Direct Drive; 48 Frame; 1/2" x 4" shaft; 1/2 HP, 1075 RPM; 208/230 volt; 4.3 amps; reversible; sleeve bearing	D1056	1973	3588	D703	X005	528	WG840588	
BTE753SP2	Blower Motor; Direct Drive; 48 Frame; 1/2" x 4" shaft; 3/4 HP, 1075 RPM; 208/230 volt; 4.6 amps; reversible; sleeve bearing	D1076	8905	3590	D729	X010	679	WG840590	