

# Standard AC Motor

## NEMA 48



Features	
Frame Size	NEMA 48
Motor Type	PSC (Permanent Split Capacitor) and Split Phase
Voltage	115VAC, 208 ~ 230VAC, 460VAC
Max. Output Power	3/4 HP (560W)
Max. Speed	1725 RPM
Number of Poles	4, 6, 8
Number of Speeds	1, 2, 4
Number of Phase	1
Rotation	CW/CCW
Bearing Type	Ball and Sleeve Bearings
Insulation Class	B (130° C), F(155° C)
Enclosure	OPEN (Open Air-Over) TE (Totally Enclosed Air-Over) ODP (Open Dripproof)
Options	Gearboxes



### Specifications

Part Numbers	Motor Type	Output Power (HP)	Voltage, Frequency (V, Hz)	Speed (RPM)	Current (A)	Number of Poles	Number of Speeds	Rotation	Capacitor	Shaft Dimension	Enclosure	Bearing Type	Insulation Class
										(Inch)			
AN48YSD180-164B	Split Phase	1/4HP	115V, 60Hz	1725	4.8	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48YSD250-164B	Split Phase	1/3HP	115V, 60Hz	1725	6.6	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Ball	B
AN48YSD180-764B	Split Phase	1/4HP	115/208-230V, 60Hz	1725	4.6/2.2-2.3	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Ball	B
AN48YSD250-164B	Split Phase	1/3HP	115V, 60Hz	1725	6.6	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48YSD120-764B	Split Phase	1/6HP	115/208-230V, 60Hz	1725	4.4/2.2-2.0	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Ball	B
AN48ZSD180-764B	Split Phase	1/4HP	115/208-230V, 60Hz	1725	4.6/2.2-2.3	4	1	CW/CCW	-	1/2 x 1-7/8	ODP	Ball	B
AN48YSD250-764B	Split Phase	1/3HP	115/208-230V, 60Hz	1725	6.6/3.4-3.1	4	1	CW/CCW	-	1/2 x 1-7/8	ODP	Ball	B
AN48ZSD375-764F	Split Phase	1/2HP	115/208-230V, 60Hz	1725	7.6/3.7-3.8	4	1	CW/CCW	-	1/2 x 1-7/8	ODP	Ball	F
AN48YSD180-164B	Split Phase	1/4HP	115V, 60Hz	1725	4.8	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48YSD120-164B	Split Phase	1/6HP	115V, 60Hz	1725	3.6	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48YSD250-164B	Split Phase	1/3HP	115V, 60Hz	1725	6.6	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48YSD375-164B	Split Phase	1/2HP	115V, 60Hz	1725	7.6	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48YSD375-164B	Split Phase	1/2HP	115V, 60Hz	1725	7.6	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48YSD180-164B	Split Phase	1/4HP	115V, 60Hz	1725	3.9	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48ZSD375-164B	Split Phase	1/2HP	115V, 60Hz	1725	5.4	4	1	CW/CCW	-	1/2 x 1-1/2	ODP	Sleeve	B
AN48YSP180-164B	PSC	1/4HP	115V, 60Hz	1625	3.0	4	4	CW/CCW	7.5 MFD 370 VAC	1/2 x 8-1/2	OPEN	Sleeve	B
AN48YSP375-164B	PSC	1/2HP	115V, 60Hz	1075	5.7	6	4	CW/CCW	10 MFD 370 VAC	1/2 x 8-1/2	OPEN	Sleeve	B
AN48Y2ST375-164B	PSC	1/2HP	115V, 60Hz	1075	5.9	6	2	CW	20 MFD 370 VAC	5/8 x 3-1/16	TE	Ball	B
AN48Y2ST375-164B	PSC	1/2HP	115V, 60Hz	1725	6.8	4	1	CW/CCW	-	5/8 x 2	TE	Ball	B
AN48Y2SP150-164B	PSC	3/4-1/5HP	115V, 60Hz	1075	9.1-2.5	6	4	CW/CCW	2MDV6, 2MDV7	1/2 X 5	OPEN	Ball	B
AN48Y2SP150-364B	PSC	3/4-1/5HP	208-230V, 60Hz	1075	4.4-1.6	6	4	CW/CCW	2MDV6, 2MDV7	1/2 X 5	OPEN	Ball	B
AN48Y2SP120-364B	PSC	1/3-1/6HP	208-230V, 60Hz	825	2.2-1.0	8	4	CW/CCW	2MDV6	1/2 X 5	OPEN	Ball	B
AN48Y2SP150-364B	PSC	1/2-1/5HP	208-230V, 60Hz	825	3.3-1.3	8	4	CW/CCW	2MDV7	1/2 X 6	OPEN	Ball	B
AN48Y2ST150-164B	PSC	1/2-1/5HP	115V, 60Hz	1075	5.2-2.0	6	2	CW/CCW	2MDV7	1/2 X 5	TE	Ball	B
AN48Y2ST150-364B	PSC	1/2-1/5HP	208-230V, 60Hz	1075	2.6-1.0	6	2	CW/CCW	2MDV6, 2MDV7	1/2 X 5	TE	Ball	B
AN48Y2ST120-364B	PSC	1/3-1/6HP	208-230V, 60Hz	825	1.8-1.0	8	2	CW/CCW	2MDV6, 2MDV7	1/2 X 5	TE	Ball	B
AN48Y2ST150-364B	PSC	1/2-1/5HP	208-230V, 60Hz	825	3.0-1.2	8	2	CW/CCW	2MDV6, 2MDV7	1/2 X 6	TE	Ball	B
AN48Y2ST150-664B	PSC	1/2-1/5HP	460V, 60Hz	1075	1.2-0.5	6	2	CW/CCW	2MDV6, 2MDV7	1/2 X 5	TE	Ball	B
AN48Y2ST150-664B	PSC	1/2-1/5HP	460V, 60Hz	825	1.3-0.6	8	2	CW/CCW	2MDV6, 2MDV7	1/2 X 6	TE	Ball	B

### Dimensional Drawing

