

SINWAN DC Centrifugal Fans

Motorized Impeller Backward Curved Blades



DC Centrifugal Fan Nomenclature

P	FD	17R	AN	48	-	H	W	B	(R,F,P)
Impeller material P-Plastic M-Metal steel or Aluminum alloy	Series ImpellerØ x total H. 17D-Ø175x54 17R-Ø175x69 19R-Ø190x69 19G-Ø190x89 22G-Ø220x89 22H-Ø225x100 25J-Ø250x110 28K-Ø280x125 32U-Ø318x154	Voltage VDC 12-12V 24-24V 38-38V 48-48V	Motor Frame AN-Aluminum Natural color Coating AP-Aluminum Painted, color coated	Connecting W-Wire leads	Speed SH-Super High HH-Extra High H-High M-Medium L-Low	Motor Features or Functions R-Alarm F-Tach C-S/C thermister NTC speed control P-PWM V-S/V voltage control speed setting	Bearings B-Ball bearings		

Models	Sizes (mm)	DC Voltages	Input (W)	Speed(RPM)	Maximum Airflow (CFM) (m3/h)	Collocated SINWAN DC Motor
PFD17DAN**-SHWB PFD17DAN**-HHWB PFD17DAN**-HWB PFD17DAN**-MWB	Ø175x54	12,24,38,48 DC	64.8 ~ 55 50.4 ~ 42 25 ~ 20 15 ~ 12	Super High 3500 Extra High 3000 High 2500 Medium 1800	365 620 298 506 240 407 188 319	MED175/180F
PFD17RAN**-SHWB PFD17RAN**-HHWB PFD17RAN**-HWB PFD17RAN**-MWB	Ø175x67	12,24,38,48 DC	64.8 ~ 58 50.4 ~ 47 25 ~ 22 15 ~ 14	Super High 3600 Extra High 3100 High 2650 Medium 2000	368 625 300 510 248 421 205 348	MED175/180F
PFD19RAN**-SHWB PFD19RAN**-HHWB PFD19RAN**-HWB PFD19RAN**-MWB	Ø190x67	12,24,38,48 DC	70 ~ 65 55 ~ 50 35 ~ 29 22 ~ 18	Super High 3300 Extra High 3000 High 2500 Medium 2000	454 771 412 701 343 583 274 467	MED180F/180G
PFD19GAN**-SHWB PFD19GAN**-HHWB PFD19GAN**-HWB PFD19GAN**-MWB	Ø190x89	12,24,38,48 DC	75 ~ 68 64 ~ 57 42 ~ 38 30 ~ 25	Super High 3400 Extra High 3100 High 2600 Medium 2000	468 795 426 723 357 606 274 467	MED180F/180G
PFD22GAN**-SHWB PFD22GAN**-HHWB PFD22GAN**-HWB PFD22GAN**-MWB	Ø220x89	12,24,38,48 DC	102 ~ 95 85 ~ 80 55 ~ 48 38 ~ 35	Super High 3100 Extra High 2700 High 2500 Medium 1800	610 1036 531 903 492 836 355 603	MED254G
PFD22HAN**-SHWB PFD22HAN**-HHWB PFD22HAN**-HWB PFD22HAN**-MWB	Ø225x100	12,24,38,48 DC	105 ~ 98 90 ~ 84 60 ~ 55 43 ~ 40	Super High 3000 Extra High 2600 High 2350 Medium 1700	800 1359 693 1177 627 1065 453 770	MED254G
PFD25JAN**-HWB PFD25JAN**-MWB PFD25JAN**-LWB	Ø250x110	12,24,38,48 DC	103 ~ 92 88 ~ 83 58 ~ 56	High 2700 Medium 2450 Low 1500	720 1223 651 1106 400 680	MED254G
PFD28KAN**-HWB PFD28KAN**-MWB PFD28KAN**-LWB	Ø280x125	12,24,38,48 DC	118 ~ 112 95 ~ 90 65 ~ 58	High 2050 Medium 1600 Low 1200	1330 2063 1038 1764 778 1323	MED254G/280G
PFD32UAN**-HWB PFD32UAN**-MWB PFD32UAN**-LWB	Ø318x154	12,24,38,48 DC	123 ~ 120 96 ~ 92 86 ~ 80	High 1800 Medium 1400 Low 1000	1236 2099 961 1633 687 1167	MED254G/280G

**=Voltage, 12, 24, 38, 48 VDC