

Sunon

DC Brushless Fan



Fan and Blower

SUNON[®]



Sunon MagLev DC Brushless Fan



25x25x6mm



| Model | P/N | Bearing | Rating Voltage (VDC) | Power Current (AMP) | Power Consumption (WATTS) | Speed (RPM) | Air Flow (CFM) | Static Pressure (Inch-H ₂ O) | Noise (dBA) | Weight (g) |
|---------------|------|-----------------------------|----------------------|---------------------|---------------------------|-------------|----------------|-----------------------------------------|-------------|------------|
| KDE0502PEV1-8 | MS.N | ● VAPO ○ BALL ⊕ 2BALL | 5 | 0.16 | 0.8 | 13000 | 3 | 0.22 | 31 | 5 |
| KDE0502PEV2-8 | MS.N | ● | 5 | 0.10 | 0.5 | 10000 | 2.2 | 0.16 | 23 | 5 |
| KDE0502PEV3-8 | MS.N | ● | 5 | 0.07 | 0.35 | 7000 | 1.4 | 0.07 | 15 | 5 |

25x25x10mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|---------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KDE0502PFV1-8 | MS | ● | 5 | 0.17 | 0.9 | 13000 | 3.5 | 0.25 | 23 | 7.2 |
| KDE0502PFV2-8 | MS | ● | 5 | 0.12 | 0.6 | 10000 | 3 | 0.18 | 16 | 7.2 |
| KDE0502PFV3-8 | MS | ● | 5 | 0.07 | 0.35 | 7000 | 2.3 | 0.11 | 9.5 | 7.2 |

30x30x6mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|---------------|------|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KDE0503PEV1-8 | MS.N | ● | 5 | 0.16 | 0.8 | 9500 | 4.9 | 0.14 | 28 | 6 |
| KDE0503PEV2-8 | MS.N | ● | 5 | 0.11 | 0.6 | 7500 | 3.7 | 0.09 | 23 | 6 |
| KDE0503PEV3-8 | MS.N | ● | 5 | 0.07 | 0.35 | 5500 | 2.4 | 0.06 | 16.5 | 6 |

30x30x10mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|---------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KDE0503PFV1-8 | MS | ● | 5 | 0.19 | 1.0 | 9500 | 5.5 | 0.15 | 23 | 8.7 |
| KDE0503PFV2-8 | MS | ● | 5 | 0.13 | 0.7 | 8000 | 4.6 | 0.12 | 20 | 8.7 |
| KDE0503PFV3-8 | MS | ● | 5 | 0.07 | 0.35 | 5500 | 3.6 | 0.07 | 15 | 8.7 |

35x35x10mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|---------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|------|
| KDE0535PFVX-8 | MS | ● | 5 | 0.19 | 1.0 | 9500 | 7 | 0.18 | 28 | 10.5 |
| KDE0535PFV1-8 | MS | ● | 5 | 0.13 | 0.7 | 7500 | 6.5 | 0.12 | 22 | 10.5 |
| KDE0535PFV2-8 | MS | ● | 5 | 0.07 | 0.35 | 6000 | 5.2 | 0.08 | 16 | 10.5 |
| KDE0535PFV3-8 | MS | ● | 5 | 0.06 | 0.3 | 4500 | 3.8 | 0.05 | 13 | 10.5 |

*Specifications subject to change without notice.

Sunon General DC Brushless Fan

40x40x10 mm



| Model | P/N | Bearing ● Sleeve ○ BALL ⊙ 2BALL | Rating Voltage (VDC) | Power Current (AMP) | Power Consumption (WATTS) | Speed (RPM) | Air Flow (CFM) | Static Pressure (Inch-H ₂ O) | Noise (dBA) | Weight (g) |
|--------------|-----|------------------------------------------|----------------------------|---------------------------|---------------------------------|----------------|----------------------|-----------------------------------------------|----------------|---------------|
| KD0504PFB1-8 | OC | ○ | 5 | 0.11 | 0.6 | 7500 | 7.5 | 0.17 | 28 | 16 |
| KD0504PFB2-8 | OC | ○ | 5 | 0.09 | 0.5 | 6500 | 6.5 | 0.15 | 26 | 16 |
| KD0504PFB3-8 | OC | ○ | 5 | 0.07 | 0.35 | 5300 | 4.6 | 0.105 | 23.5 | 16 |
| KD0504PFS1-8 | OC | ⊙ | 5 | 0.11 | 0.6 | 7000 | 7 | 0.16 | 27 | 16 |
| KD0504PFS2-8 | OC | ⊙ | 5 | 0.10 | 0.5 | 6000 | 5.9 | 0.14 | 25 | 16 |
| KD0504PFS3-8 | OC | ⊙ | 5 | 0.07 | 0.35 | 4500 | 4.5 | 0.09 | 22.8 | 16 |



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1204PFBX | 11 | ○ | 12 | 0.14 | 1.7 | 9000 | 10 | 0.25 | 40 | 14 |
| KD1204PFB1 | 11 | ○ | 12 | 0.11 | 1.3 | 7500 | 8.5 | 0.19 | 35 | 14 |
| KD1204PFB2 | 11 | ○ | 12 | 0.09 | 1.1 | 6500 | 7.5 | 0.15 | 30 | 14 |
| KD1204PFSX | 11 | ⊙ | 12 | 0.14 | 1.7 | 8500 | 9.5 | 0.25 | 39 | 14 |
| KD1204PFS1 | 11 | ⊙ | 12 | 0.11 | 1.3 | 7000 | 8 | 0.18 | 33 | 14 |
| KD1204PFS2 | 11 | ⊙ | 12 | 0.09 | 1.1 | 5800 | 7 | 0.12 | 28 | 14 |

40x40x20 mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD0504PKB2 | | ○ | 5 | 0.21 | 1.0 | 6500 | 7 | 0.16 | 29 | 27 |
| KD0504PKB3 | | ○ | 5 | 0.14 | 0.7 | 5300 | 6.2 | 0.12 | 24 | 27 |
| KD0504PKS2 | | ⊙ | 5 | 0.21 | 1.0 | 6000 | 6.5 | 0.12 | 25.5 | 27 |
| KD0504PKS3 | | ⊙ | 5 | 0.14 | 0.7 | 4500 | 5.2 | 0.08 | 22.8 | 27 |
| KD2404PKB2 | | ○ | 24 | 0.04 | 1.0 | 6500 | 7 | 0.16 | 29 | 27 |
| KD2404PKB3 | | ○ | 24 | 0.03 | 0.7 | 5000 | 6 | 0.11 | 24 | 27 |
| KD2404PKS2 | | ⊙ | 24 | 0.05 | 1.2 | 6000 | 6.5 | 0.12 | 25.5 | 27 |
| KD2404PKS3 | | ⊙ | 24 | 0.03 | 0.7 | 4500 | 5.2 | 0.08 | 22.8 | 27 |



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1204PKB1 | H | ○ | 12 | 0.10 | 1.2 | 7400 | 9.1 | 0.22 | 27 | 28 |
| KD1204PKB2 | H | ○ | 12 | 0.07 | 0.8 | 6500 | 8 | 0.17 | 22.5 | 28 |
| KD1204PKB3 | H | ○ | 12 | 0.05 | 0.6 | 5400 | 6.5 | 0.12 | 19 | 28 |
| KD1204PKS1 | H | ⊙ | 12 | 0.10 | 1.2 | 7200 | 8.9 | 0.21 | 25.5 | 28 |
| KD1204PKS2 | H | ⊙ | 12 | 0.07 | 0.8 | 6200 | 7.7 | 0.16 | 21 | 28 |
| KD1204PKS3 | H | ⊙ | 12 | 0.06 | 0.7 | 5200 | 6.3 | 0.11 | 18 | 28 |

45x45x10mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|--------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD0545PFB1-8 | OC | ○ | 5 | 0.12 | 0.6 | 6300 | 9 | 0.16 | 29 | 20 |
| KD0545PFB2-8 | OC | ○ | 5 | 0.10 | 0.5 | 5500 | 7.5 | 0.12 | 28 | 20 |
| KD0545PFB3-8 | OC | ○ | 5 | 0.07 | 0.35 | 4500 | 6.2 | 0.10 | 26 | 20 |
| KD0545PFS1-8 | OC | ⊙ | 5 | 0.12 | 0.6 | 6000 | 8 | 0.14 | 28.5 | 20 |
| KD0545PFS2-8 | OC | ⊙ | 5 | 0.10 | 0.5 | 5000 | 6.8 | 0.10 | 27 | 20 |
| KD0545PFS3-8 | OC | ⊙ | 5 | 0.07 | 0.35 | 4000 | 5.5 | 0.07 | 23 | 20 |



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1245PFB1 | 11 | ○ | 12 | 0.15 | 1.8 | 7300 | 13 | 0.22 | 37 | 15 |
| KD1245PFB2 | 11 | ○ | 12 | 0.12 | 1.4 | 6500 | 11.5 | 0.18 | 35 | 15 |
| KD1245PFB3 | 11 | ○ | 12 | 0.10 | 1.2 | 5600 | 10.3 | 0.12 | 30 | 15 |
| KD1245PFS1 | 11 | ⊙ | 12 | 0.15 | 1.8 | 7100 | 12.5 | 0.21 | 36 | 15 |
| KD1245PFS2 | 11 | ⊙ | 12 | 0.12 | 1.4 | 6000 | 11 | 0.16 | 33 | 15 |
| KD1245PFS3 | 11 | ⊙ | 12 | 0.10 | 1.2 | 5000 | 9.2 | 0.11 | 28 | 15 |

*Specifications subject to change without notice.

Sunon General DC Brushless Fan

50x50x10 mm



| Model | P/N | Bearing ● Sleeve ○ BALL ● 2BALL | Rating Voltage (VDC) | Power Current (AMP) | Power Consumption (WATTS) | Speed (RPM) | Air Flow (CFM) | Static Pressure (Inch-H ₂ O) | Noise (dBA) | Weight (g) |
|--------------|-----|------------------------------------------|-------------------------|------------------------|------------------------------|----------------|-------------------|--------------------------------------------|----------------|---------------|
| KD0505PFB1-8 | OC | ○ | 5 | 0.12 | 0.6 | 5400 | 10.2 | 0.11 | 31.5 | 24 |
| KD0505PFB2-8 | OC | ○ | 5 | 0.10 | 0.5 | 4700 | 9.2 | 0.10 | 30 | 24 |
| KD0505PFB3-8 | OC | ○ | 5 | 0.07 | 0.35 | 3800 | 7.2 | 0.07 | 22 | 24 |
| KD0505PFS1-8 | OC | ● | 5 | 0.13 | 0.7 | 5100 | 9.6 | 0.105 | 30.5 | 24 |
| KD0505PFS2-8 | OC | ● | 5 | 0.11 | 0.6 | 4300 | 8 | 0.09 | 29 | 24 |
| KD0505PFS3-8 | OC | ● | 5 | 0.07 | 0.35 | 3500 | 7 | 0.065 | 21 | 24 |



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1205PFBX | 11 | ○ | 12 | 0.16 | 1.9 | 6300 | 15.5 | 0.18 | 37 | 17 |
| KD1205PFB1 | 11 | ○ | 12 | 0.13 | 1.6 | 5500 | 13.3 | 0.14 | 32 | 17 |
| KD1205PFB2 | 11 | ○ | 12 | 0.10 | 1.2 | 4700 | 11.5 | 0.11 | 28.5 | 17 |
| KD1205PFSX | 11 | ● | 12 | 0.17 | 2.0 | 6100 | 15.2 | 0.17 | 36 | 17 |
| KD1205PFS1 | 11 | ● | 12 | 0.12 | 1.4 | 5200 | 13 | 0.13 | 31 | 17 |
| KD1205PFS2 | 11 | ● | 12 | 0.10 | 1.2 | 4300 | 11 | 0.10 | 27 | 17 |

50x50x15 mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1205PHB1 | H | ○ | 12 | 0.13 | 1.5 | 5800 | 17 | 0.23 | 34 | 37 |
| KD1205PHB2 | H | ○ | 12 | 0.08 | 1.0 | 4700 | 13 | 0.17 | 29.5 | 37 |
| KD1205PHB3 | H | ○ | 12 | 0.06 | 0.7 | 3700 | 10.2 | 0.12 | 22.5 | 37 |
| KD1205PHS1 | H | ● | 12 | 0.13 | 1.5 | 5800 | 17 | 0.23 | 33 | 37 |
| KD1205PHS2 | H | ● | 12 | 0.08 | 1.0 | 4700 | 13 | 0.17 | 29 | 37 |
| KD1205PHS3 | H | ● | 12 | 0.06 | 0.7 | 3700 | 10.2 | 0.12 | 22 | 37 |

55x55x10 mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1255PFB1 | H.G | ○ | 12 | 0.12 | 1.4 | 5700 | 15 | 0.16 | 36.5 | 26 |
| KD1255PFB2 | H.G | ○ | 12 | 0.08 | 1.0 | 4700 | 13 | 0.12 | 30.5 | 26 |
| KD1255PFB3 | H.G | ○ | 12 | 0.06 | 0.7 | 4000 | 10.2 | 0.08 | 27 | 26 |
| KD1255PFS1 | H.G | ● | 12 | 0.12 | 1.4 | 5700 | 15 | 0.16 | 36 | 26 |
| KD1255PFS2 | H.G | ● | 12 | 0.08 | 1.0 | 4700 | 13 | 0.12 | 30 | 26 |
| KD1255PFS3 | H.G | ● | 12 | 0.06 | 0.7 | 4000 | 10.2 | 0.08 | 26 | 26 |

60x60x10mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1206PFB1 | H.G | ○ | 12 | 0.12 | 1.4 | 5200 | 16.5 | 0.17 | 36 | 27 |
| KD1206PFB2 | H.G | ○ | 12 | 0.08 | 1.0 | 4300 | 14 | 0.12 | 35 | 27 |
| KD1206PFB3 | H.G | ○ | 12 | 0.07 | 0.8 | 3600 | 11.3 | 0.07 | 29 | 27 |
| KD1206PFS1 | H.G | ● | 12 | 0.12 | 1.4 | 5200 | 16.5 | 0.17 | 35 | 27 |
| KD1206PFS2 | H.G | ● | 12 | 0.08 | 1.0 | 4300 | 14 | 0.12 | 34.5 | 27 |
| KD1206PFS3 | H.G | ● | 12 | 0.07 | 0.8 | 3600 | 11.3 | 0.07 | 28.5 | 27 |

60x60x15mm (5V)



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD0506PHB2 | | ○ | 5 | 0.39 | 1.9 | 4200 | 18.5 | 0.15 | 31.5 | 44 |
| KD0506PHB3 | | ○ | 5 | 0.24 | 1.2 | 3500 | 15.2 | 0.13 | 26.5 | 44 |
| KD0506PHS2 | | ● | 5 | 0.39 | 1.9 | 4000 | 17.8 | 0.135 | 31 | 44 |
| KD0506PHS3 | | ● | 5 | 0.24 | 1.2 | 3300 | 14.8 | 0.11 | 26 | 44 |

*Specifications subject to change without notice.

60x60x15mm (12V)



| Model | P/N | Bearing ● Sleeve ○ BALL ⊙ 2BALL | Rating Voltage (VDC) | Power Current (AMP) | Power Consumption (WATTS) | Speed (RPM) | Air Flow (CFM) | Static Pressure (Inch-H ₂ O) | Noise (dBA) | Weight (g) |
|------------|-----|------------------------------------------|-------------------------|------------------------|------------------------------|----------------|-------------------|--------------------------------------------|----------------|---------------|
| KD1206PHB1 | H | ○ | 12 | 0.15 | 1.8 | 4300 | 21 | 0.18 | 37.5 | 39 |
| KD1206PHB2 | H | ○ | 12 | 0.09 | 1.1 | 3800 | 18 | 0.14 | 31.5 | 39 |
| KD1206PHB3 | H | ○ | 12 | 0.06 | 0.7 | 3000 | 15 | 0.12 | 26 | 39 |
| KD1206PHS1 | H | ⊙ | 12 | 0.15 | 1.8 | 4300 | 21 | 0.18 | 36 | 39 |
| KD1206PHS2 | H | ⊙ | 12 | 0.09 | 1.1 | 3800 | 18 | 0.14 | 31 | 39 |
| KD1206PHS3 | H | ⊙ | 12 | 0.06 | 0.7 | 3000 | 15 | 0.12 | 25 | 39 |

60x60x20 mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|--------|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1206PKBX | 13.(2) | ⊙ | 12 | 0.21 | 2.5 | 5100 | 28 | 0.28 | 40 | 55 |
| KD1206PKB1 | 13.(2) | ⊙ | 12 | 0.16 | 1.9 | 4500 | 25 | 0.21 | 35.5 | 55 |
| KD1206PKB2 | 13.(2) | ⊙ | 12 | 0.10 | 1.2 | 3700 | 21 | 0.15 | 31 | 55 |
| KD1206PKB3 | 13.(2) | ⊙ | 12 | 0.08 | 1.0 | 3100 | 17 | 0.10 | 26 | 55 |
| KD1206PKSX | 13 | ⊙ | 12 | 0.21 | 2.5 | 5100 | 28 | 0.28 | 39 | 55 |
| KD1206PKS1 | 13 | ⊙ | 12 | 0.16 | 1.9 | 4500 | 25 | 0.21 | 34.5 | 55 |
| KD1206PKS2 | 13 | ⊙ | 12 | 0.10 | 1.2 | 3700 | 21 | 0.15 | 29 | 55 |
| KD1206PKS3 | 13 | ⊙ | 12 | 0.08 | 1.0 | 3100 | 17 | 0.10 | 24 | 55 |



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD2406PKB2 | | ○ | 24 | 0.07 | 1.7 | 4200 | 19 | 0.15 | 32 | 45 |
| KD2406PKB3 | | ○ | 24 | 0.05 | 1.2 | 3500 | 16 | 0.13 | 27 | 45 |

60x60x25 mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD0506PTB2 | | ○ | 5 | 0.32 | 1.6 | 4300 | 18 | 0.16 | 31.3 | 60 |
| KD0506PTB3 | | ○ | 5 | 0.23 | 1.2 | 3600 | 16.2 | 0.11 | 27 | 60 |
| KD0506PTS2 | | ⊙ | 5 | 0.33 | 1.7 | 3800 | 17.6 | 0.15 | 31 | 60 |
| KD0506PTS3 | | ⊙ | 5 | 0.23 | 1.2 | 3300 | 15.9 | 0.10 | 26.7 | 60 |
| KD2406PTB1 | | ○ | 24 | 0.11 | 2.6 | 5100 | 22.1 | 0.22 | 34.3 | 60 |
| KD2406PTB2 | | ○ | 24 | 0.08 | 1.9 | 4300 | 18 | 0.16 | 31.3 | 60 |
| KD2406PTB3 | | ○ | 24 | 0.06 | 1.4 | 3600 | 16.2 | 0.11 | 27 | 60 |
| KD2406PTS1 | | ⊙ | 24 | 0.11 | 2.6 | 4500 | 21.7 | 0.20 | 34 | 60 |
| KD2406PTS2 | | ⊙ | 24 | 0.08 | 1.9 | 3800 | 17.6 | 0.15 | 31 | 60 |
| KD2406PTS3 | | ⊙ | 24 | 0.06 | 1.4 | 3300 | 15.9 | 0.10 | 26.7 | 60 |



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|--------|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1206PTBX | 13.(2) | ⊙ | 12 | 0.15 | 1.8 | 5100 | 26.5 | 0.30 | 36 | 73 |
| KD1206PTB1 | 13.(2) | ⊙ | 12 | 0.12 | 1.4 | 4500 | 23.5 | 0.24 | 33 | 73 |
| KD1206PTB2 | 13.(2) | ⊙ | 12 | 0.09 | 1.1 | 3900 | 20.5 | 0.18 | 28 | 73 |
| KD1206PTB3 | 13.(2) | ⊙ | 12 | 0.08 | 1.0 | 3500 | 18 | 0.15 | 26 | 73 |
| KD1206PTB4 | 13.(2) | ⊙ | 12 | 0.07 | 0.8 | 3100 | 15.5 | 0.12 | 22 | 73 |
| KD1206PTSX | 13 | ⊙ | 12 | 0.16 | 1.9 | 5000 | 26 | 0.30 | 35 | 73 |
| KD1206PTS1 | 13 | ⊙ | 12 | 0.13 | 1.6 | 4400 | 23 | 0.24 | 32 | 73 |
| KD1206PTS2 | 13 | ⊙ | 12 | 0.10 | 1.2 | 3800 | 20 | 0.17 | 27 | 73 |
| KD1206PTS3 | 13 | ⊙ | 12 | 0.09 | 1.1 | 3400 | 17 | 0.14 | 25 | 73 |
| KD1206PTS4 | 13 | ⊙ | 12 | 0.07 | 0.8 | 3000 | 15 | 0.11 | 20 | 73 |

70x70x15 mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|--------|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1207PHB1 | 13.(2) | ⊙ | 12 | 0.24 | 2.9 | 3800 | 35 | 0.15 | 37 | 45 |
| KD1207PHB2 | 13.(2) | ⊙ | 12 | 0.17 | 2.0 | 3350 | 30 | 0.11 | 33 | 45 |
| KD1207PHB3 | 13.(2) | ⊙ | 12 | 0.11 | 1.3 | 2650 | 24 | 0.08 | 29 | 45 |
| KD1207PHS1 | 13 | ⊙ | 12 | 0.24 | 2.9 | 3800 | 35 | 0.15 | 36 | 45 |
| KD1207PHS2 | 13 | ⊙ | 12 | 0.17 | 2.0 | 3350 | 30 | 0.11 | 32 | 45 |
| KD1207PHS3 | 13 | ⊙ | 12 | 0.11 | 1.3 | 2650 | 24 | 0.08 | 28 | 45 |

*Specifications subject to change without notice.



70x70x20 mm

| Model | P/N | Bearing ● Sleeve ○ BALL ● 2BALL | Rating Voltage (VDC) | Power Current (AMP) | Power Consumption (WATTS) | Speed (RPM) | Air Flow (CFM) | Static Pressure (Inch-H ₂ O) | Noise (dBA) | Weight (g) |
|------------|--------|------------------------------------------|-------------------------|------------------------|------------------------------|----------------|-------------------|--------------------------------------------|----------------|---------------|
| KD1207PKB1 | 13.(2) | ● | 12 | 0.13 | 1.6 | 3200 | 29 | 0.14 | 33.5 | 66 |
| KD1207PKB2 | 13.(2) | ● | 12 | 0.11 | 1.3 | 2900 | 27 | 0.12 | 31 | 66 |
| KD1207PKB3 | 13.(2) | ● | 12 | 0.08 | 1.0 | 2600 | 23.5 | 0.09 | 27 | 66 |
| KD1207PKS1 | 13 | ○ | 12 | 0.13 | 1.6 | 3200 | 29 | 0.14 | 33 | 66 |
| KD1207PKS2 | 13 | ○ | 12 | 0.11 | 1.3 | 2900 | 27 | 0.12 | 30 | 66 |
| KD1207PKS3 | 13 | ○ | 12 | 0.08 | 1.0 | 2600 | 23.5 | 0.09 | 26 | 66 |



70x70x25 mm

| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|--------|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1207PTB1 | 13.(2) | ● | 12 | 0.13 | 1.6 | 3400 | 32.5 | 0.16 | 33 | 70 |
| KD1207PTB2 | 13.(2) | ● | 12 | 0.11 | 1.3 | 3100 | 29.5 | 0.14 | 31 | 70 |
| KD1207PTB3 | 13.(2) | ● | 12 | 0.08 | 1.0 | 2700 | 26 | 0.10 | 28 | 70 |
| KD1207PTS1 | 13 | ○ | 12 | 0.14 | 1.7 | 3200 | 31 | 0.15 | 32 | 70 |
| KD1207PTS2 | 13 | ○ | 12 | 0.12 | 1.4 | 2900 | 28 | 0.13 | 29 | 70 |
| KD1207PTS3 | 13 | ○ | 12 | 0.09 | 1.1 | 2500 | 24 | 0.10 | 25 | 70 |



80x80x15 mm

| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1208PHB2 | H | ○ | 12 | 0.17 | 2.0 | 2900 | 31 | 0.13 | 36 | 71 |
| KD1208PHB3 | H | ○ | 12 | 0.12 | 1.4 | 2500 | 26 | 0.10 | 32 | 71 |
| KD1208PHS2 | H | ● | 12 | 0.17 | 2.0 | 2800 | 30 | 0.13 | 34 | 71 |
| KD1208PHS3 | H | ● | 12 | 0.12 | 1.4 | 2400 | 25 | 0.10 | 31.5 | 71 |



80x80x20 mm

| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|--------|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1208PKB1 | 13.(2) | ● | 12 | 0.13 | 1.6 | 3300 | 39 | 0.19 | 39 | 70 |
| KD1208PKB2 | 13.(2) | ● | 12 | 0.11 | 1.3 | 3000 | 35 | 0.17 | 37 | 70 |
| KD1208PKB3 | 13.(2) | ● | 12 | 0.08 | 1.0 | 2600 | 31 | 0.14 | 33 | 70 |
| KD1208PKS1 | 13 | ○ | 12 | 0.14 | 1.7 | 3200 | 36 | 0.18 | 38 | 70 |
| KD1208PKS2 | 13 | ○ | 12 | 0.12 | 1.4 | 2900 | 33 | 0.16 | 35 | 70 |
| KD1208PKS3 | 13 | ○ | 12 | 0.09 | 1.1 | 2500 | 29 | 0.12 | 30 | 70 |



80x80x25 mm

| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|------------|--------|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1208PTB1 | 13.(2) | ● | 12 | 0.15 | 1.8 | 3100 | 41 | 0.19 | 35 | 80 |
| KD1208PTB2 | 13.(2) | ● | 12 | 0.12 | 1.4 | 2800 | 37 | 0.16 | 32 | 80 |
| KD1208PTB3 | 13.(2) | ● | 12 | 0.09 | 1.1 | 2500 | 33.1 | 0.13 | 28 | 80 |
| KD1208PTS1 | 13 | ○ | 12 | 0.16 | 1.9 | 3000 | 40 | 0.18 | 33 | 80 |
| KD1208PTS2 | 13 | ○ | 12 | 0.13 | 1.6 | 2700 | 36.5 | 0.15 | 31 | 80 |
| KD1208PTS3 | 13 | ○ | 12 | 0.10 | 1.2 | 2300 | 31 | 0.11 | 26 | 80 |

*Specifications subject to change without notice.



92X92X25 mm



| Model | P/N | Bearing ● Sleeve ○ BALL ◆ 2BALL | Rating Voltage (VDC) | Power Current (AMP) | Power Consumption (WATTS) | Speed (RPM) | Air Flow (CFM) | Static Pressure (Inch-H ₂ O) | Noise (dBA) | Weight (g) |
|------------|--------|------------------------------------------|----------------------|---------------------|---------------------------|-------------|----------------|-----------------------------------------|-------------|------------|
| KD1209PTB1 | 13.(2) | ◆ | 12 | 0.16 | 1.9 | 2800 | 49 | 0.17 | 35 | 95 |
| KD1209PTB2 | 13.(2) | ◆ | 12 | 0.14 | 1.7 | 2600 | 48 | 0.15 | 33 | 95 |
| KD1209PTB3 | 13.(2) | ◆ | 12 | 0.10 | 1.2 | 2300 | 41 | 0.11 | 30 | 95 |
| KD1209PTS1 | 13 | ● | 12 | 0.17 | 2.0 | 2800 | 49 | 0.16 | 34 | 95 |
| KD1209PTS2 | 13 | ○ | 12 | 0.14 | 1.7 | 2500 | 44.5 | 0.14 | 32 | 95 |
| KD1209PTS3 | 13 | ○ | 12 | 0.11 | 1.3 | 2200 | 39 | 0.11 | 28 | 95 |

120X120X25 mm



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|---------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1212PTB1-6A | | ◆ | 12 | 0.40 | 4.8 | 3100 | 90 | 0.28 | 44.5 | 200 |
| KD1212PTB2-6A | | ◆ | 12 | 0.30 | 3.6 | 2800 | 80 | 0.22 | 41 | 200 |
| KD1212PTB3-6A | | ◆ | 12 | 0.20 | 2.4 | 2400 | 69 | 0.17 | 35.5 | 200 |
| KD1212PTS1-6A | | ● | 12 | 0.40 | 4.8 | 3000 | 88 | 0.27 | 44 | 200 |
| KD1212PTS2-6A | | ○ | 12 | 0.30 | 3.6 | 2700 | 78 | 0.21 | 40 | 200 |
| KD1212PTS3-6A | | ○ | 12 | 0.20 | 2.4 | 2300 | 67 | 0.16 | 35 | 200 |
| KD2412PTB1-6A | | ◆ | 24 | 0.22 | 5.3 | 3100 | 90 | 0.28 | 44.5 | 200 |
| KD2412PTB2-6A | | ◆ | 24 | 0.17 | 4.1 | 2800 | 80 | 0.22 | 41 | 200 |
| KD2412PTB3-6A | | ◆ | 24 | 0.13 | 3.1 | 2400 | 69 | 0.17 | 35.5 | 200 |
| KD2412PTS1-6A | | ● | 24 | 0.22 | 5.3 | 3000 | 88 | 0.27 | 44 | 200 |
| KD2412PTS2-6A | | ○ | 24 | 0.17 | 4.1 | 2700 | 78 | 0.21 | 40 | 200 |
| KD2412PTS3-6A | | ○ | 24 | 0.13 | 3.1 | 2300 | 67 | 0.16 | 35 | 200 |

120X120X38 mm



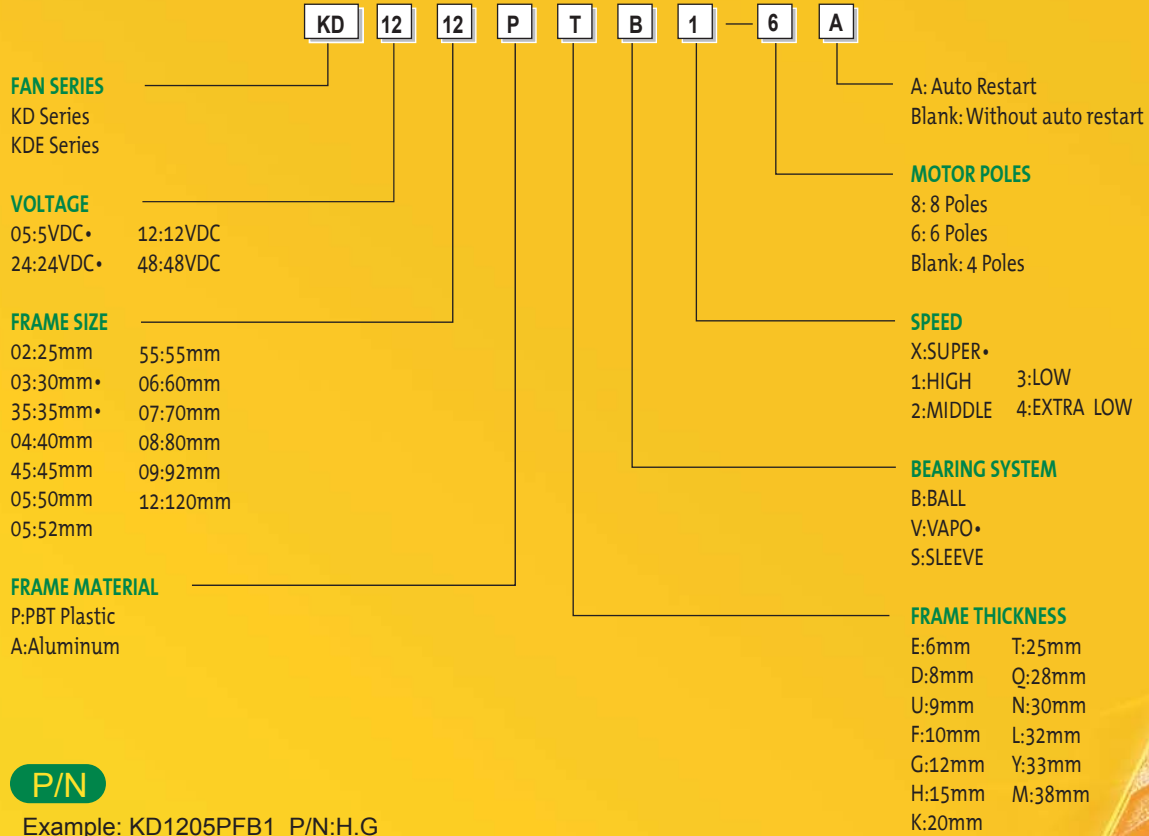
| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|---------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD1212PMBX-6A | | ◆ | 12 | 0.63 | 7.6 | 3150 | 120 | 0.34 | 46.5 | 326 |
| KD1212PMB1-6A | | ◆ | 12 | 0.56 | 6.8 | 3100 | 108 | 0.31 | 42 | 326 |
| KD1212PMB2-6A | | ◆ | 12 | 0.42 | 5.1 | 2800 | 98 | 0.25 | 36.5 | 326 |
| KD1212PMB3-6A | | ◆ | 12 | 0.26 | 3.2 | 2400 | 84 | 0.19 | 35 | 326 |
| KD1212PMSX-6A | | ● | 12 | 0.63 | 7.6 | 3100 | 119 | 0.32 | 45 | 326 |
| KD1212PMS1-6A | | ○ | 12 | 0.56 | 6.8 | 3000 | 107 | 0.30 | 41 | 326 |
| KD1212PMS2-6A | | ○ | 12 | 0.42 | 5.1 | 2700 | 97 | 0.24 | 36 | 326 |
| KD1212PMS3-6A | | ○ | 12 | 0.26 | 3.2 | 2300 | 83 | 0.18 | 34 | 326 |
| KD2412PMBX-6A | | ◆ | 24 | 0.30 | 7.2 | 3150 | 120 | 0.34 | 46.5 | 326 |
| KD2412PMB1-6A | | ◆ | 24 | 0.28 | 6.7 | 3100 | 108 | 0.31 | 42 | 326 |
| KD2412PMB2-6A | | ◆ | 24 | 0.23 | 5.5 | 2800 | 98 | 0.25 | 36.5 | 326 |
| KD2412PMB3-6A | | ◆ | 24 | 0.16 | 4.0 | 2400 | 84 | 0.19 | 35 | 326 |
| KD2412PMSX-6A | | ● | 24 | 0.30 | 7.2 | 3100 | 119 | 0.32 | 45 | 326 |
| KD2412PMS1-6A | | ○ | 24 | 0.28 | 6.7 | 3000 | 107 | 0.30 | 41 | 326 |
| KD2412PMS2-6A | | ○ | 24 | 0.23 | 5.5 | 2700 | 97 | 0.24 | 36 | 326 |
| KD2412PMS3-6A | | ○ | 24 | 0.16 | 4.0 | 2300 | 83 | 0.18 | 34 | 326 |



| Model | P/N | Bearing | (VDC) | (AMP) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dBA) | (g) |
|---------------|-----|---------|-------|-------|---------|-------|-------|-------------------------|-------|-----|
| KD4812PMB1-6A | | ◆ | 48 | 0.19 | 9.1 | 3000 | 136 | 0.30 | 47 | 326 |
| KD4812PMB2-6A | | ◆ | 48 | 0.16 | 7.7 | 2800 | 127 | 0.28 | 44 | 326 |
| KD4812PMB3-6A | | ◆ | 48 | 0.10 | 4.8 | 2400 | 107 | 0.20 | 41 | 326 |
| KD4812PMS1-6A | | ● | 48 | 0.19 | 9.1 | 2900 | 132.5 | 0.29 | 46 | 326 |
| KD4812PMS2-6A | | ○ | 48 | 0.16 | 7.7 | 2700 | 124 | 0.26 | 43.5 | 326 |
| KD4812PMS3-6A | | ○ | 48 | 0.10 | 4.8 | 2300 | 106.5 | 0.19 | 40 | 326 |

*Specifications subject to change without notice.

DC Brushless Fan Model Numbering System



P/N

Example: KD1205PFB1 P/N:H.G

- 11/13 Motor model
- (2) Two ball bearing
- H Component/process upgraded
- OC Low voltage start-up & open collector type
- G Big hub
- V New blade
- BXX Special circuit design
- CXX Different dimensions, particular process or supplementary component parts
- F 3rd wire with frequency generation waveform (Only available for 8025/9225/12025/12038 Series)
- R 3rd wire with rotation detector waveform (Only available for 8025/9225/12025/12038 Series)
- M 3rd wire square wave signal was not amplified
- 3rd wire square with open collector type (only available for P/N: H&MS Series)
- TM 3rd wire square with open collector type

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