

# Propeller Fan "BE" Series

## ENCLOSED BELT DRIVEN WALL EXHAUST FAN

THESE LOW PRESSURE BELT DRIVEN FANS ARE IDEALLY SUITED FOR VENTILATION OF UNDERGROUND GARAGES OF APARTMENT BUILDINGS, WAREHOUSES, PUBLIC BUILDINGS, GREENHOUSES ETC.

Sizes:  
24" through 72"

Capacities from  
1,000 to 60,000 CFM



Reversomatic Manufacturing Limited certifies that Models BEA-24 to BEA-60 inclusive shown on pages 2 and 3 are licensed to bear the AMCA Seal. The ratings are based on tests and procedures performed in accordance with AMCA publication 211 and AMCA publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



Product has been evaluated by UL as per UL 705 for United State and CSA Standard C22.2 No.113-M1984 for Canada.



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# ENCLOSED BELT DRIVEN WALL EXHAUST FAN

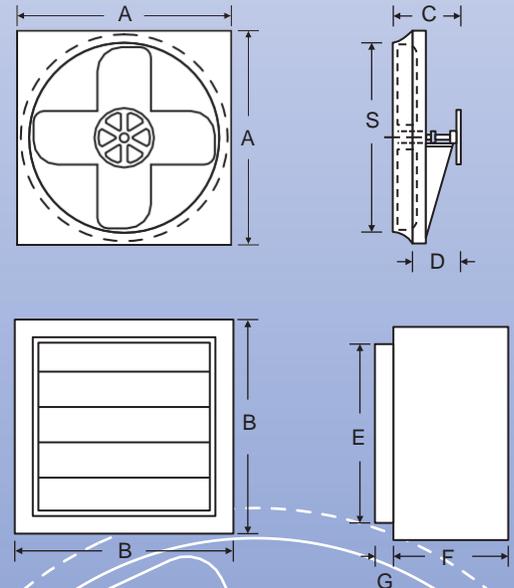
## FEATURES:

- The frame features a venturi orifice
- sturdy welded construction appropriate for industrial, Commercial and Agricultural applications
- Fan panels are heavy gauge steel with die formed edges
- All welded structural steel provides durable support for fan motors, bearings, shafts and drives. This support structure features an unique design which properly spaces the blade from the structure, eliminating vibration and reducing excess noise
- Shafts rotate in permanently lubricated heavy duty ball bearing pillow blocks. Bearings are selected for a minimum average life of 200,000 hours at maximum catalogue operating speeds
- The propeller blades are made of heavy gauge steel and are statically balanced
- Belt drive engineered to 50% overload
- Motor mounting plates are adjustable to obtain proper belt tension
- Motors are heavy duty ball bearing type carefully matched to the load
- Cabinet constructed of heavy duty 18 Ga enamel finish satin coat or galvanized steel
- Shutter blades are made of heavy gauge extruded aluminum, then stripped with neoprene gasket to ensure an airtight seal
- Rear guard made of finger proof expanded metal. Also includes a center access door for easy serviceability

## DIMENSIONS:

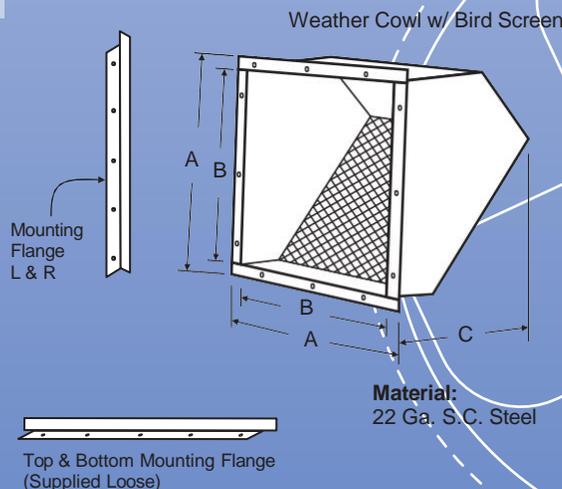
| MODEL | A"     | B"     | C"     | D"     | E"     | F" | G" | S" |
|-------|--------|--------|--------|--------|--------|----|----|----|
| BE24  | 30     | 30 5/8 | 13 1/2 | 11 1/2 | 26 3/4 | 27 | 3  | 25 |
| BE30  | 36     | 36 5/8 | 14     | 12 1/2 | 32 3/4 | 27 | 3  | 31 |
| BE36  | 42     | 42 5/8 | 16     | 13     | 38 3/4 | 27 | 3  | 37 |
| BE42  | 49 1/4 | 49 5/8 | 16 1/2 | 14     | 45 3/4 | 30 | 3  | 43 |
| BE48  | 55     | 55 5/8 | 19     | 16     | 51 3/4 | 30 | 3  | 49 |
| BE54  | 60     | 60 1/2 | 21     | 18     | 56 3/4 | 32 | 3  | 55 |
| BE60  | 68     | 68 1/2 | 22     | 19     | 64 3/4 | 33 | 3  | 61 |
| BE66  | 74     | 74 1/8 | 23     | 20     | 70 3/4 | 40 | 3  | 67 |
| BE72  | 79     | 79 5/8 | 24     | 21     | 75 3/4 | 40 | 3  | 73 |

\*Consult factory representative for information on special applications and larger sizes. Order by Catalogue Number and state voltage required.



## OPTIONAL ACCESSORIES:

- Two speed motor
- Special anti-corrosive coatings
- Pulleys
- Static free belts
- Wall mounting flanges
- Wall cabinet
- Weather cowl with bird screen
- Gravity Shutter
- Back guard



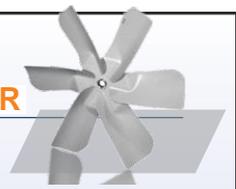
Weather Cowl Dimension

| MODEL | A" | B" | C"     |
|-------|----|----|--------|
| BE24  | 30 | 27 | 18     |
| BE30  | 36 | 33 | 21     |
| BE36  | 42 | 39 | 24     |
| BE42  | 49 | 46 | 27 5/8 |
| BE48  | 55 | 52 | 30 5/8 |
| BE54  | 60 | 57 | 33     |
| BE60  | 68 | 65 | 36 5/8 |
| BE66  | 74 | 71 | 40     |
| BE72  | 79 | 76 | 43     |

# BEA SERIES

## PERFORMANCE DATA

"A" TYPE PROPELLER



| MODEL<br>Motor HP<br>Max. | Max. Input<br>Power<br>Watts | Blade<br>Type | FAN<br>RPM | 0"                    | 1/8" | 1/4" | 3/8" | 1/2" | 5/8" | 3/4" | 1" | Sones<br>@ 1/8"<br>S.P. |
|---------------------------|------------------------------|---------------|------------|-----------------------|------|------|------|------|------|------|----|-------------------------|
|                           |                              |               |            | CUBIC FEET PER MINUTE |      |      |      |      |      |      |    |                         |

### BEA-24

|         |      |    |      |      |      |      |      |      |      |      |      |      |
|---------|------|----|------|------|------|------|------|------|------|------|------|------|
| 0.33 HP | 474  | SD | 625  | 3702 | 2740 | 1985 | 1113 |      |      |      |      | 8.6  |
| 0.5 HP  | 740  | SD | 725  | 4294 | 3720 | 2650 | 2110 | 1325 |      |      |      | 10.4 |
| 0.75 HP | 905  | SD | 775  | 4590 | 4060 | 3050 | 2500 | 1800 | 1100 |      |      | 11.5 |
| 1 HP    | 1678 | SD | 950  | 5626 | 5200 | 4590 | 3780 | 3300 | 2760 | 2200 |      | 16.7 |
| 1.5 HP  | 2586 | SD | 1100 | 6515 | 6150 | 5770 | 5100 | 4350 | 3800 | 3585 |      | 21.7 |
| 2 HP    | 3357 | HD | 1200 | 7107 | 6775 | 6450 | 5985 | 5200 | 4595 | 4260 | 3500 | 25.4 |

### BEA-30

|         |      |    |     |       |       |       |       |      |      |      |      |      |
|---------|------|----|-----|-------|-------|-------|-------|------|------|------|------|------|
| 0.5 HP  | 553  | SD | 500 | 6173  | 4930  | 3005  | 1403  |      |      |      |      | 9.1  |
| 0.75 HP | 956  | SD | 600 | 7407  | 6500  | 5050  | 3420  |      |      |      |      | 14.6 |
| 1 HP    | 1519 | SD | 700 | 8642  | 7950  | 6923  | 5080  | 4100 | 2680 | 1762 |      | 20.6 |
| 2 HP    | 2268 | SD | 800 | 9877  | 9270  | 8560  | 7510  | 6253 | 5312 | 4215 |      | 21.6 |
| 3 HP    | 3225 | SD | 900 | 11111 | 10596 | 10000 | 9215  | 7965 | 6725 | 5961 |      | 22.7 |
| 3 HP    | 3225 | HD | 900 |       |       |       |       |      |      |      | 4051 | 22.7 |
| 3 HP    | 4106 | HD | 975 | 12037 | 11593 | 11065 | 10412 | 9575 | 8091 | 7215 | 5518 | 23.6 |

### BEA-36

|        |      |    |     |       |       |       |       |       |       |       |      |      |
|--------|------|----|-----|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1 HP   | 700  | SD | 450 | 9513  | 8322  | 5651  | 2762  | 1325  |       |       |      | 9.8  |
| 1.5 HP | 1460 | SD | 575 | 12156 | 11210 | 9790  | 7451  | 4863  |       |       |      | 15.0 |
| 2.0 HP | 1875 | SD | 625 | 13213 | 12360 | 11512 | 8803  | 6600  | 4215  | 3061  |      | 17.4 |
| 3.0 HP | 3240 | HD | 750 | 15856 | 15183 | 14415 | 13525 | 11250 | 9183  | 7418  |      | 23.1 |
| 5.0 HP | 4312 | HD | 825 | 17441 | 16781 | 16132 | 15405 | 14003 | 11968 | 10265 | 6711 | 27.2 |

### BEA-42

|        |      |     |     |       |       |       |       |       |       |       |      |      |
|--------|------|-----|-----|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1.0 HP | 825  | SD  | 375 | 12467 | 9810  | 6218  |       |       |       |       |      | 13.4 |
| 1.5 HP | 1042 | SD  | 425 | 14129 | 12113 | 8865  | 5723  |       |       |       |      | 17.5 |
| 2 HP   | 1426 | SD  | 450 | 14960 | 13005 | 10052 | 7120  | 4795  |       |       |      | 20.1 |
| 2 HP   | 1843 | SD  | 490 | 16290 | 14689 |       |       |       |       |       |      | 25.4 |
| 3 HP   | 2375 | SD  | 490 |       |       | 12080 | 8213  | 6585  | 4620  | 2431  |      | 25.4 |
| 5 HP   | 3815 | HD  | 575 | 19116 | 17790 | 16001 | 13510 | 11215 | 8342  | 7100  |      | 36.5 |
| 7.5 HP | 5539 | XHD | 650 | 21609 | 20431 | 19103 | 17269 | 14608 | 12117 | 10205 | 7461 | 47.0 |

\*SD - Standard Duty, HD - Heavy Duty, XHD - Extra Heavy Duty

- All selections are based on CARBON STEEL construction. Test data is accumulated based on AMCA 210-85, figure 12, 2% tip clearance and ANSI S12.12 - 1992 panel tests, inlet only.

- Performance certified is for installation type A - Free inlet, Free outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

- Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at a distance of 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for:

Installation Type A: free outlet hemispherical sone levels.

**NOTE:**

For selections at other CFM and Static Pressure conditions, contact factory sales representative.

# BEA SERIES

## PERFORMANCE DATA

"A" TYPE PROPELLER



| MODEL<br>Motor HP<br>Max. | Max. Input<br>Power<br>Watts | Blade<br>Type | FAN<br>RPM | 0"                    | 1/8" | 1/4" | 3/8" | 1/2" | 5/8" | 3/4" | 1" | Sones<br>@ 1/8"<br>S.P. |
|---------------------------|------------------------------|---------------|------------|-----------------------|------|------|------|------|------|------|----|-------------------------|
|                           |                              |               |            | CUBIC FEET PER MINUTE |      |      |      |      |      |      |    |                         |

### BEA-48

|        |      |     |     |       |       |       |       |       |  |       |       |      |
|--------|------|-----|-----|-------|-------|-------|-------|-------|--|-------|-------|------|
| 2 HP   | 1181 | SD  | 350 | 18741 | 16419 | 11600 | 6038  | 3229  |  |       |       | 16.4 |
| 3 HP   | 1765 | SD  | 400 | 21419 | 19465 | 16605 | 10338 | 6781  |  |       |       | 22.0 |
| 3 HP   | 2518 | HD  | 450 | 24096 | 22453 | 20398 |       |       |  |       |       | 29.3 |
| 5 HP   | 2908 | HD  | 450 |       |       |       | 16481 | 10115 |  | 4980  |       | 29.3 |
| 5 HP   | 3444 | XHD | 500 | 26773 | 25243 | 23708 | 21198 | 16993 |  | 9342  |       | 36.8 |
| 7.5 HP | 6066 | XHD | 575 | 30789 | 29507 | 28200 | 26619 | 24145 |  | 15351 | 11085 | 47.7 |

### BEA-54

|        |      |     |     |       |       |       |       |       |  |       |       |      |
|--------|------|-----|-----|-------|-------|-------|-------|-------|--|-------|-------|------|
| 2 HP   | 1283 | SD  | 300 | 21185 | 17891 | 10779 | 6009  |       |  |       |       | 15.4 |
| 3 HP   | 2042 | SD  | 350 | 24716 | 22310 | 20495 | 10845 | 7385  |  |       |       | 20.8 |
| 5 HP   | 3044 | SD  | 400 | 28247 | 26120 | 22650 | 17800 | 12182 |  | 6446  |       | 27.3 |
| 5 HP   | 3250 | SD  | 445 | 31778 | 29850 |       |       |       |  |       |       | 34.2 |
| 7.5 HP | 4190 | SD  | 445 |       |       | 27468 | 21750 | 14500 |  | 9600  |       | 34.2 |
| 7.5 HP | 5950 | HD  | 500 | 35309 | 33550 | 31800 | 28400 | 26500 |  | 15748 |       | 42.7 |
| 10 HP  | 7911 | XHD | 550 | 38840 | 37350 | 35840 | 33681 | 32387 |  | 20642 | 15924 | 51.5 |

### BEA-60

|        |      |     |     |       |       |       |       |       |       |       |       |      |
|--------|------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 5 HP   | 2982 | SD  | 350 | 32529 | 29200 | 25635 | 20250 | 15885 | 10780 |       |       | 25.9 |
| 7.5 HP | 3672 | SD  | 375 | 34853 | 32100 | 28350 | 21504 | 19797 | 14897 | 10625 |       | 29.8 |
| 7.5 HP | 4043 | HD  | 425 | 39500 | 35650 |       |       |       |       |       |       | 38.9 |
| 10 HP  | 5350 | HD  | 425 |       |       | 32700 | 25500 | 16050 | 12625 | 10750 |       | 38.9 |
| 10 HP  | 4800 | HD  | 450 | 41824 | 38250 | 35500 |       |       |       |       |       | 43.3 |
| 10 HP  | 6354 | XHD | 450 |       |       |       | 32305 | 28653 | 24196 | 19828 | 14645 | 43.3 |

### BEA-66

|        |       |     |     |       |       |       |       |       |       |       |       |      |
|--------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 5 HP   | 2630  | SD  | 275 | 42872 | 37941 | 29902 | 16526 |       |       |       |       | 22.7 |
| 5 HP   | 3420  | SD  | 300 | 46770 | 42128 | 36635 | 21810 | 14914 |       |       |       | 27.7 |
| 7.5 HP | 4341  | SD  | 325 | 50667 | 46260 | 41735 | 29958 | 20683 | 14299 |       |       | 33.3 |
| 7.5 HP | 5428  | HD  | 350 | 54565 | 50439 | 46491 | 40938 | 26385 | 20221 | 14557 |       | 38.5 |
| 10 HP  | 6667  | HD  | 375 | 58462 | 54674 | 51148 | 46551 | 34505 | 25533 | 20124 |       | 44.9 |
| 15 HP  | 8118  | XHD | 400 | 62360 | 58871 | 55523 | 51491 | 46314 | 32372 | 25746 | 16039 | 52.5 |
| 15 HP  | 11530 | XHD | 450 | 70155 | 67241 | 63838 | 60926 | 57163 | 52428 | 39300 | 27188 | 65.7 |

\*SD - Standard Duty, HD - Heavy Duty, XHD - Extra Heavy Duty

- All selections are based on CARBON STEEL construction. Test data is accumulated based on AMCA 210-85, figure 12, 2% tip clearance and ANSI S12.12 - 1992 panel tests, inlet only.

- Performance certified is for installation type A - Free inlet, Free outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test.

- Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in fan sones at a distance of 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for:

Installation Type A: free outlet hemispherical sone levels.

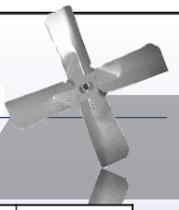
**NOTE:**

For selections at other CFM and Static Pressure conditions, contact factory sales representative.

# BES SERIES

## PERFORMANCE DATA

"S" TYPE PROPELLER



| MODEL<br>Motor HP<br>Max. | Blade<br>Type | FAN<br>RPM | 0"                    | 1/8" | 1/4" | 3/8" | 1/2" | 5/8" | 3/4" | 1" | Sones<br>@ 1/8"<br>S.P. |
|---------------------------|---------------|------------|-----------------------|------|------|------|------|------|------|----|-------------------------|
|                           |               |            | CUBIC FEET PER MINUTE |      |      |      |      |      |      |    |                         |

### BES-24

|        |    |      |      |      |      |      |      |      |      |  |      |
|--------|----|------|------|------|------|------|------|------|------|--|------|
| 1/4 HP | SD | 700  | 4153 | 3273 | 1768 |      |      |      |      |  | 10.0 |
| 1/3 HP | SD | 750  | 4449 | 3673 | 2161 | 1331 |      |      |      |  | 11.5 |
| 1/2 HP | SD | 800  | 4746 | 4062 | 2720 | 1722 | 1092 |      |      |  | 12.3 |
| 1/2 HP | SD | 900  | 5339 | 4774 | 3820 | 2480 | 1790 |      |      |  | 15.2 |
| 3/4 HP | SD | 950  | 5636 | 5114 | 4303 | 2990 | 2202 | 1596 | 1137 |  | 17.4 |
| 1 HP   | SD | 1100 | 6526 | 6100 | 5502 | 4655 | 3497 | 2748 | 2173 |  | 20.5 |
| 1.5    | HD | 1250 | 7415 | 7041 | 6596 | 5972 | 5175 | 4131 | 3333 |  | 25.3 |

### BES-30

|         |     |     |       |       |      |      |      |      |      |      |      |
|---------|-----|-----|-------|-------|------|------|------|------|------|------|------|
| 0.5 HP  | SD  | 550 | 6314  | 4844  | 2775 | 1627 |      |      |      |      | 9.9  |
| 0.75 HP | SD  | 600 | 6888  | 5580  | 3744 | 2350 | 1389 |      |      |      | 11.4 |
| 1 HP    | SD  | 650 | 7462  | 6301  | 4543 | 3064 | 2100 | 1262 |      |      | 13.1 |
| 1.5 HP  | HD  | 750 | 8610  | 7692  | 6432 | 4869 | 3530 | 2686 | 1909 |      | 18.4 |
| 1.5 HP  | HD  | 900 | 10332 | 9569  | 8636 |      |      |      |      |      | 23.6 |
| 2 HP    | XHD | 900 |       |       |      | 7585 | 6137 | 4809 | 4055 | 2685 | 23.6 |
| 3 HP    | XHD | 950 | 10906 | 10181 | 9346 | 8350 | 6969 | 5956 | 4770 | 3416 | 27.1 |

### BES-36

|        |     |     |       |       |       |       |       |      |      |      |      |
|--------|-----|-----|-------|-------|-------|-------|-------|------|------|------|------|
| 3/4 HP | SD  | 500 | 9638  | 7864  | 4354  | 2606  | 1348  |      |      |      | 12.2 |
| 1.5 HP | SD  | 600 | 11566 | 10131 | 8173  | 4974  | 3622  | 2366 | 1402 |      | 16.3 |
| 1.5 HP | SD  | 700 | 13494 | 12306 | 10954 |       |       |      |      |      | 22.1 |
| 2 HP   | HD  | 700 |       |       |       | 8895  | 5936  | 4707 | 3490 |      | 22.1 |
| 2 HP   | HD  | 800 | 15421 | 14407 | 13245 | 11852 |       |      |      |      | 27.0 |
| 3 HP   | XHD | 800 |       |       |       |       | 9994  | 7177 | 6075 | 3811 | 27.0 |
| 3 HP   | XHD | 850 | 16385 | 15431 | 14359 | 13218 | 11601 | 9758 | 7062 | 5160 | 29.8 |

### BES-42

|        |     |     |       |       |       |       |       |       |       |      |      |
|--------|-----|-----|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1 HP   | SD  | 400 | 11776 | 9156  | 4687  | 2642  | 1367  |       |       |      | 10.4 |
| 1.5 HP | SD  | 500 | 14721 | 12777 | 9956  | 6138  | 4110  |       |       |      | 16.4 |
| 3 HP   | HD  | 600 | 17665 | 16008 | 14415 | 11593 | 8107  | 6107  | 4698  |      | 21.6 |
| 5 HP   | XHD | 700 | 20609 | 19189 | 17841 | 16169 | 13745 | 10341 | 8401  | 5620 | 29.5 |
| 5 HP   | XHD | 800 | 23553 | 22310 | 21068 | 19993 | 18312 | 16185 | 13686 | 9374 | 36.5 |

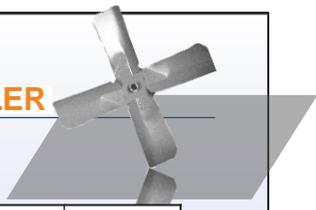
### BES-48

|        |     |     |       |       |       |       |       |       |       |      |      |
|--------|-----|-----|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1.5 HP | SD  | 350 | 15934 | 11879 | 5637  | 2912  | 1130  |       |       |      | 10.8 |
| 3 HP   | HD  | 450 | 20487 | 17728 | 13877 | 8217  | 5638  | 3687  | 2271  |      | 18.1 |
| 3 HP   | HD  | 550 | 25039 | 22814 | 20241 | 16920 |       |       |       |      | 25.9 |
| 5 HP   | XHD | 550 |       |       |       |       | 12075 | 8700  | 6840  | 3907 | 25.9 |
| 5 HP   | XHD | 650 | 29592 | 27721 | 25777 | 23335 | 20526 | 17742 | 12437 | 8742 | 37.3 |
| 7.5    | XHD | 700 | 31868 | 30131 | 28343 | 26393 | 23759 | 21172 |       |      | 53.5 |

# BES SERIES

## PERFORMANCE DATA

"S" TYPE PROPELLER



| MODEL<br>Motor HP<br>Max. | Blade<br>Type | FAN<br>RPM | 0"                    | 1/8" | 1/4" | 3/8" | 1/2" | 5/8" | 3/4" | 1" | Sones<br>@ 1/8"<br>S.P. |
|---------------------------|---------------|------------|-----------------------|------|------|------|------|------|------|----|-------------------------|
|                           |               |            | CUBIC FEET PER MINUTE |      |      |      |      |      |      |    |                         |

### BES-54

|        |     |     |       |       |       |       |       |       |       |      |      |
|--------|-----|-----|-------|-------|-------|-------|-------|-------|-------|------|------|
| 3.0 HP | SD  | 400 | 26354 | 22884 | 17426 | 11623 | 8791  | 6430  | 4271  |      | 18.3 |
| 5 HP   | SD  | 450 | 29648 | 26640 | 22372 | 16097 | 12565 | 10047 | 7864  | 4026 | 23.0 |
| 5 HP   | SD  | 500 | 32943 | 30294 | 27116 | 22593 | 16790 | 13821 |       |      | 27.7 |
| 7.5    | HD  | 550 | 36237 | 33877 | 31147 | 27301 | 22651 | 17931 | 15306 |      | 32.8 |
| 7.5    | XHD | 600 | 39531 | 37368 | 34973 | 32052 | 28395 | 23249 | 19409 |      | 42.6 |

### BES-60

|        |     |     |       |       |       |       |       |       |       |       |      |
|--------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 3 HP   | SD  | 300 | 28843 | 23229 | 13775 | 8692  | 5180  | 2912  |       |       | 15.8 |
| 5 HP   | SD  | 350 | 33650 | 29203 | 21543 | 14610 | 10474 | 7084  | 4787  |       | 21.9 |
| 5 HP   | SD  | 400 | 38457 | 34723 | 29520 | 21116 | 16322 | 12754 |       |       | 28.4 |
| 7.5 HP | HD  | 450 | 43264 | 40103 | 36189 | 30697 | 22803 | 18617 | 15367 |       | 36.6 |
| 7.5 HP | HD  | 475 | 45668 | 42681 | 39046 | 34189 | 26099 | 21864 |       |       | 40.6 |
| 10 HP  | XHD | 500 | 48071 | 45234 | 41862 | 37515 | 31706 | 25076 | 21322 | 15419 | 45.0 |

### BES-66

|        |     |     |       |       |       |       |       |       |       |       |      |
|--------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 5 HP   | SD  | 275 | 35191 | 28523 | 17053 | 10886 | 6540  | 3755  |       |       | 16.6 |
| 5 HP   | SD  | 325 | 41589 | 36351 | 28046 | 18866 | 13764 | 9606  |       |       | 22.9 |
| 7.5 HP | HD  | 375 | 47987 | 43656 | 37781 | 27528 | 21737 | 17215 | 13330 | 7567  | 30.8 |
| 10 HP  | HD  | 400 | 51186 | 47234 | 42347 | 34848 | 25975 | 21009 | 17168 | 10554 | 35.2 |
| 10 HP  | HD  | 425 | 54385 | 50714 | 46214 | 40159 | 30397 | 25291 | 21037 |       | 40.3 |
| 10 HP  | XHD | 450 | 57585 | 54117 | 49976 | 44554 | 36873 | 29525 | 25005 | 17926 | 45.3 |

### BES-72

|        |     |     |       |       |       |       |       |       |       |      |      |
|--------|-----|-----|-------|-------|-------|-------|-------|-------|-------|------|------|
| 3 HP   | SD  | 225 | 34726 | 25457 | 11962 | 6208  | 1441  |       |       |      | 13.2 |
| 5 HP   | SD  | 250 | 38584 | 30722 | 18884 | 10159 | 5570  | 1139  |       |      | 16.3 |
| 5 HP   | SD  | 275 | 42442 | 35675 | 25742 | 14523 | 9609  | 5536  | 1593  |      | 20.0 |
| 7.5 HP | SD  | 300 | 46301 | 40456 | 31870 | 19942 | 13431 | 9556  |       |      | 23.8 |
| 7.5 HP | SD  | 325 | 50159 | 44974 | 37503 | 28961 | 18425 |       |       |      | 27.8 |
| 10 HP  | HD  | 350 | 54018 | 49409 | 42725 | 34668 | 24548 | 17618 | 13823 | 7333 | 33.0 |
| 10 HP  | HD  | 375 | 57876 | 53749 | 47738 | 40798 | 33381 | 23131 |       |      | 37.5 |
| 10 HP  | XHD | 400 | 61734 | 57865 | 52592 | 46361 | 38974 | 32695 |       |      | 42.8 |

\*SD - Standard Duty, HD - Heavy Duty, XHD - Extra Heavy Duty

- All selections are based on CARBON STEEL construction. Test data is accumulated based on AMCA 210-85, figure 12, 2% tip clearance and ANSI S12.12 - 1992 panel tests, inlet only.

**NOTE:**

For selections at other CFM and Static Pressure conditions, contact factory sales representative.