## FE <br> \section*{Adams Ricardo Range}




The Adams Ricardo blower range is based on five gear centre sizes from 70.5 mm to 197 mm with low, medium and high pressure models available throughout. Virtually any combination of airflow and pressure is available from 20 to $8000 \mathrm{~m} 3 / \mathrm{hr}$ ( 10 to 3650 cfm ) with a full 1.035 bar gauge (15psig) delivery pressure available at all flows up to $4620 \mathrm{~m} 3 / \mathrm{hr}$ ( 2721 cfm ).

The unique engineering features include rotors of cyclonical form with carbon tip inserts which:

- Maximise airflow and efficiency
- Minimise energy consumption
- Minimise running temperatures

On start-up, the carbon tip beds in, leaving an absolute minimum running clearance compatible with blower duty. When the time comes eventually for an overhaul, these carbon tips can be quickly and easily replaced to restore the original clearances and efficiency. Timing gears are positively fixed to the rotor shafts by a unique, precision dowelling process. This ensures accurate and automatic phasing on assembly and eliminates the need for specialist tools and skills.

- Exhausters: All units are suitable for operation as vacuum pumps up to 150 "hg vacuum.
- Performance graphs: detailed pressure and vacuum charts can be supplied for each selection.
- Oil free air: vented air gaps between the air chamber and the lubrication system prevent contamination of air flow.
- Guaranteed performance: all blowers/exhausters are dynamically balanced and fully tested. Test certificates are available if required.
- Full warranty: all units carry a warranty against faulty workmanship and materials


Horizontal air flow


|  | SR017 | SR023 | SR015 | SR035 | SR044 | SR052 | SR060 | SR069 | SR091 | SR124 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Horizontal Airflow Blower |  |  |  |  |  |  |  |  |  |  |
| A | 200 mm (7.87") | 200 mm (7.87") | 270 (10.62") | 220 mm (8.66") | 220 mm (8.66") | 220 mm (8.66") | 235 mm (9.25") | 220 mm (8.66") | 220 mm (8.66") | 220 mm (8.66") |
| B | 233 mm (9.17") | 233 mm (9.17") | 300 mm (11.81") | 300 mm (11.81") | 300 mm (11.81") | 300 mm (11.81") | 376 mm (14.8) | 376 mm (14.8") | 376 mm (14.8") | 376 mm (14.8") |
| C | 70.5 mm (2.78 ${ }^{\prime \prime}$ ) | 70.5 mm (2.78 ${ }^{\text {² }}$ ) | 90 mm (3.54") | 90 mm (3.54") | 90 mm (3.54") | 90 mm (3.54") | $117 \mathrm{~mm}\left(4.61^{\prime \prime}\right)$ | $117 \mathrm{~mm}\left(4.61{ }^{\prime \prime}\right)$ | 117 mm (4.61") | 117 mm (4.61") |
| D | 160 mm (6.30) | 160 mm (6.30") | 202.1 mm (7.957") | 202.1 mm (7.957") | 202.1 mm (7.957 ${ }^{\text {" }}$ ) | 202.1 mm (7.957") | 260 mm ( $10.24{ }^{\prime \prime}$ ) | 260 mm (10.24") | 260 mm (10.24") | 260 mm (10.24") |
| E | 125 mm (4.92") | 125 mm (4.92") | 157 mm ( $6.18^{\prime \prime}$ ) | 157 mm (6.18") | 157 mm (6.18") | 157 mm (6.18) | 201.5 mm (7.93") | 201.5 mm (7.93") | 201.5 mm (7.93") | 201.5mm (7.93") |
| F | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes |
|  | $\varnothing 12 \mathrm{~mm}$ ( $0.47{ }^{\prime \prime}$ ) | $\varnothing 12 \mathrm{~mm}$ (0.47") | $\varnothing 12 \mathrm{~mm}$ (0.47) | $\varnothing 12 \mathrm{~mm}\left(0.47{ }^{\prime \prime}\right)$ | $\varnothing 12 \mathrm{~mm}$ (0.47") | $\varnothing 12 \mathrm{~mm}$ (0.47") | $\varnothing 18 \mathrm{~mm}\left(0.71{ }^{1 \prime}\right)$ | $\varnothing 18 \mathrm{~mm}$ ( $0.71{ }^{\prime \prime}$ ) | $\varnothing 18 \mathrm{~mm}$ (0.71") | $\emptyset 18 \mathrm{~mm}$ (0.71") |
| G | 170 mm (6.69") | 170 mm (6.69") | 220 mm (8.66") | 220 mm (8.66") | 220 mm (8.66") | 220 mm (8.66") | 280 mm (11.02") | 280 mm (11.02") | 280 mm (11.02") | 280 mm (11.02") |
|  | $\varnothing 28.6 \mathrm{~mm}$ fit k6 | $\varnothing 28.6 \mathrm{~mm}$ fit k6 | $\varnothing 32.6 \mathrm{~mm}$ fit k6 | $\varnothing 32.6 \mathrm{~mm}$ fit k6 | $\varnothing 32.6 \mathrm{~mm}$ fit k6 | $\varnothing 32.6 \mathrm{~mm}$ fit k6 | $\emptyset 38.1 \mathrm{~mm}$ fit k6 |  | $\varnothing 42.6 \mathrm{~mm}$ fit k6 |  |
| H | (1.10") | (1.10") | (1.26") | (1.26") | (1.26") | (1.26") | (1.5") | $\varnothing$ 42.6mm fit k6 (1.65") | (1.65") | $\emptyset 42.6 \mathrm{~mm}$ fit k6 (1.65") |
| 1 | $8 \times 7$ key | $8 \times 7$ key | $10 \times 8$ key | $10 \times 8$ key | $10 \times 8$ key | $10 \times 8$ key | $3 / 8$ in sq key | $12 \times 8$ key | $12 \times 8$ key | $12 \times 8$ key |
|  | BS4235 Part 1 | BS4235 Part 1 | BS4235 Part 1 | BS4235 Part 1 | BS4235 Part 1 | BS4235 Part 1 | BS4235 Part 1 | BS4235 Part 1 | BS4235 Part 1 | BS4235 Part 1 |
| J | 400 mm ( $15.75^{\prime \prime}$ ) | 460 mm ( $18.08{ }^{\prime \prime}$ ) | 340 mm ( 13.38") | 465 mm ( $18.31{ }^{\prime \prime}$ ) | 510 mm (20.07") | 568 mm (22.36") | 482 mm ( $18.98{ }^{\prime \prime}$ ) | 510 mm (20.8") | 585 mm (23.0") | 696 mm (27.4") |
| K | 148 mm ( $(5.83$ ) | 178 mm ( $7^{\prime \prime}$ ) | 122 mm | $179 \mathrm{~mm}\left(7.05^{\prime \prime}\right)$ | 208mm (8.19") | 232 mm (9.13") | $187 \mathrm{~mm}\left(7.36^{\prime \prime}\right)$ | 201 mm (7.91") | 239 mm (29.4") | 295 mm (11.61") |
| L | 75 mm (2.95") | 75 mm (2.95") | 75 mm (2.95") | 75 mm (2.95") | 75 mm (2.95") | 75 mm (2.95") | 90 mm ( $3.54{ }^{\prime \prime}$ ) | 91 mm (3.58") | 91 mm (3.58) | 91 mm ( $3.58{ }^{\prime \prime}$ ) |
| M | 33 mm (1.30 ${ }^{\prime \prime}$ ) | 33 mm (1.30") | 39 mm (1.54") | 39 mm (1.54") | 39 mm (1.54") | 39 mm (1.54") | 52 mm (2.05") | 52 mm (2.05") | 52 mm (2.05") | 52 mm (2.05") |
| N | 230 mm (9.06") | 290 mm (11.40") | 166 mm (6.53") | 280 mm (11.02") | 340 mm (13.38") | 387 mm (15.24") | 270 mm ( $10.63^{\prime \prime}$ ) | 298 mm (11.73") | 389 mm ( $15.31{ }^{\text {" }}$ ) | 500 mm (19.68") |
|  |  | Port dia 100 mm | 21/2" BSP | Port dia 100 mm | Port dia 100 mm | Port dia 100 mm |  |  | Port dia 125 mm |  |
| P | Port dia 80 mm (3.15") | (3.94") | threaded | (3.94") | (3.94") | (3.94") | Port nominal bore | Port dia 125 mm (4.92") | (4.92") | Port dia 125 mm (4.92") |
|  | 4 holes M16 | 4 holes M16 |  | 4 holes M16 x | 4 holes M16 x | 4 holes M16 x 25 mm |  | 8 holes/port M16 | 8 holes/port M16 | 8 holes/port M16 |
|  | equispaced on $150 \mathrm{~mm}\left(5.19^{\prime \prime}\right)$ PCD | equispaced |  | 25 mm ( ${ }^{\prime \prime}$ ) | 25 mm ( ${ }^{\prime \prime}$ ) | (1") | 125 each side | equispaced | equispaced | equispaced |
|  | (PN6) | on 170 mm (6.69") |  | equispaced on 170 mm (6.69") PCD | on 170 mm (6.69') | on 170 mm (6.69") | $4 \times \mathrm{M} 12 \times 20 \mathrm{~mm}$ | on 200 mm ( 7.87 ") | on 200 mm ( $7.87{ }^{\prime \prime}$ ) | on a 225 mm |
|  |  | PCD (PN6) |  | (PN6) | PCD (PN6) | PCD (PN6) |  | PCD (PN6) | PCD (PN6) | PCD (PN6) |
| X |  |  |  |  |  |  | 133 mm ( $5.25^{\prime \prime}$ ) |  |  |  |
| Y |  |  |  |  |  |  | 79.4 mm (3.12") |  |  |  |
| weight | 40.5 kg (891bs) | 48.5kg (107lbs) | 41 kg (90.2lbs) | 78.5 kg (173lbs) | 81kgs (1791bs) | 90kgs (198lbs) | 95.5 kg (2101bs) | 109.5kg (2411bs) | 115kgs (2531bs) | 138 kgs (3041bs) |

Vertical Airflow Blower

| Q | 130 mm ( $5.12^{\prime \prime}$ ) | 130 mm ( $5.12^{\prime \prime}$ ) | 162 mm (6.38) | 162 mm (6.38) | 162 mm (6.38) | 162 mm (6.38") | 200 mm ( $7.87^{\prime \prime}$ ) | 200 mm (7.87") | 200 mm (7.87") | 200 mm (7.87") |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| R | 220 mm (8.66") | 220 mm ( $8.66{ }^{\prime \prime}$ ) | 310 mm ( $12.21{ }^{\prime \prime}$ ) | 310 mm ( $12.21^{\prime \prime}$ ) | 310 mm ( $12.21{ }^{\prime \prime}$ ) | 310 mm ( $12.21{ }^{\prime \prime}$ ) | 360 mm (14.17") | 360 mm (14.17") | 360 mm (14.17") | 360 mm ( $14.17^{\prime \prime}$ ) |
| S | 74.75 mm (2.94") | 74.75 mm (2.94") | $14 \times 9$ key | $14 \times 9$ key | $14 \times 9$ key | $14 \times 9$ key | 121.5 mm (4.78") | 121.5 mm (4.78") | 121.5 mm (4.78") | 121.5 mm (4.78) |
| T | 230 mm (9.06") | 230 mm (9.06") |  | 240 mm (9.45") | 240 mm (9.45") | 240 mm (9.45") | 317.5 mm (12.5") | 370 mm (14.57") | 370 mm (14.57") | 370 mm ( $14.57{ }^{\prime \prime}$ ) |
| weight | 41.5kg (91.5lbs) | 49.5kg (1091bs) | 41kg (90.21bs) | 78.5 kg (1731bs) | 81kgs (1791bs) | 90kgs (1981bs) | 97kg (214lbs) | 111 kg (245lbs) | 115kgs (253lbs) | 138kgs (3041bs) |

Vertical air flow


| SR113 | SR142 | SR160 | SR170 | SR220 | SR295 | SR272 | SR363 | SR500 | SR800 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 305 mm (12") | 330 mm ( $13^{\prime \prime}$ ) | 440 mm (17.32) | 330 mm ( $13^{\prime \prime}$ ) | 440 mm ( $17.32^{\prime \prime}$ ) | 440 mm (17.32") | 406 mm ( $16{ }^{\prime \prime}$ ) | 406 mm ( $16{ }^{\prime \prime}$ ) | 600 mm (23.62") | 600 mm (23.62") |
| 508 mm (20") | 508 mm (20") | 520 mm (20.47") | 508 mm (20") | 520 mm (20.47") | 520 mm (20.47") | 637.5 mm (25.1") | 637.5 mm (25.1") | 637.5 mm (25.1") | 1200 mm (47.24") |
| 152.4 mm (6") | 152.4 mm (6") | 152.4 mm (6") | $152.4 \mathrm{~mm}\left(6^{\prime \prime}\right)$ | $152.4 \mathrm{~mm}\left(6^{\prime \prime}\right)$ | $152.4 \mathrm{~mm}\left(6^{\prime \prime}\right)$ | 196.85 mm (7.75") | 196.85 mm ( $7.75^{\prime \prime}$ ) | 196.85mm (7.75) | 300 mm (11.08") |
| 307.7 mm (12.12") | 307.7 mm (12.12") | 332.4 mm (13.09") | 307.7 mm (12.12") | 332.4 mm (13.09") | 332.4 mm (13.09") | 422 mm (16.61") | 422 mm (16.61") | 422mm (16.61") | 750 mm (29.52") |
| 231.5 mm (9.12") | 231.5 mm (9.12") | 256 mm (10.08") | 231.5 mm (9.12") | 256 mm ( $10.08^{\prime \prime}$ ) | 256 mm (10.08") | 323 mm (12.72) | 323 mm (12.72) | 323 mm (12.72") | 600 mm (23.62") |
| 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes | 4 holes |
| $\varnothing 17.5 \mathrm{~mm}$ (0.688") | $\varnothing 17.5 \mathrm{~mm}$ (0.688") | $\varnothing 18 \mathrm{~mm}$ ( $0.71^{\prime \prime}$ ) | $\varnothing 18 \mathrm{~mm}$ (0.71") | $\varnothing 18 \mathrm{~mm}$ (0.71") | $\varnothing 18 \mathrm{~mm}$ ( $0.71^{\prime \prime}$ ) | $\varnothing 18 \mathrm{~mm}$ ( $0.71{ }^{1 \prime}$ ) | $\varnothing 18 \mathrm{~mm}$ ( $0.71{ }^{11}$ ) | $\emptyset 22 \mathrm{~mm}$ (0.86") | $\varnothing 28 \mathrm{~mm}$ (1.10") |
| 356 mm (14") | 356 mm ( $14^{\prime \prime}$ ) | 360 mm (14.17") | 356 mm (14") | 360 mm (14.17") | 360 mm (14.17") | 460 mm (18.11") | 460 mm (18.11") | 460 mm (18.11") | 500 mm (19/68") |
| $\emptyset 38.1 \mathrm{~mm}\left(1.5{ }^{\text {" }}\right.$ ) | $\varnothing 38.1 \mathrm{~mm}$ (1.5") | $\begin{array}{r} \varnothing 48.6 \mathrm{~mm} \text { fit k6 } \\ \left(1.89^{\prime \prime}\right) \end{array}$ | $\emptyset 38.1 \mathrm{~mm}$ (1.5") | $\begin{array}{r} \varnothing 48.6 \mathrm{~mm} \text { fit k6 } \\ \left(1.89^{\prime \prime}\right) \end{array}$ | $\begin{array}{r} \varnothing 48.6 \mathrm{~mm} \text { fit k6 } \\ \left(1.89^{\prime \prime}\right) \end{array}$ | $\begin{array}{r} \varnothing 70.6 \mathrm{~mm} \text { fit f } 6 \\ \left(2.7547^{\prime \prime}\right) \end{array}$ | $\begin{array}{r} \varnothing 70.6 \mathrm{~mm} \text { fit f } 6 \\ \left(2.7547^{\prime \prime}\right) \end{array}$ | $\begin{array}{r} \varnothing 70.6 \mathrm{~mm} \text { fit f } 6 \\ \left(2.7547^{\prime \prime}\right) \end{array}$ | $\varnothing 85 \mathrm{~mm}$ fit f6 (3.346"') |
| $3 / 8$ in sq key | $3 / 8$ in sq key | $14 \times 9$ key | $3 / 8$ " sq key | $14 \times 9$ key | $14 \times 9$ key | $20 \times 12$ key | $20 \times 12$ key | $20 \times 12$ key | $25 \times 9$ key |
| BS46 Part 1 | BS4235 Part 1 | BS4235 Part 1 |  | BS4235 Part 1 | BS4235 Part 1 |  |  |  |  |
| 561 mm (22.1") | 612 mm (24.1") | 606 mm (23.84") | 663 mm (26.1") | 714 mm (28.1") | 849 mm ( 33.45 ") | 685 mm (27") | 783 mm ( $30.84{ }^{\text {" }}$ ) | 948 mm ( $37.32^{\prime \prime}$ ) | 1212 mm (47.71") |
| 197 mm (7.77") | 223 mm (8.78) | 231 mm (9.09") | 249 mm (9.79") | 285 mm (11.22") | $352 \mathrm{~mm}(13.86$ ") | 268 mm (10.5") | 318 mm (12.5") | 394 mm (15.5") | 510 mm (20.07") |
| 93 mm (3.67") | 93 mm (3.67") | 124 mm (4.88) | 93 mm (3.67) | 124 mm (4.88") | 124 mm (4.88) | 165 mm ( $6.5{ }^{\text {" }}$ ) | 165 mm ( $6.5^{\prime \prime}$ ) | 165 mm (6.5) | 285 mm (11.22") |
| 39 mm (1.54") | 39 mm (1.54") | 45 mm (1.77") | 39 mm (1.54") | 45 mm (1.77") | 45 mm (1.77") | 82.5 mm (3.25") | $82.5 \mathrm{~mm}\left(3.25^{\prime \prime}\right)$ | 82.5 mm ( $3.25{ }^{\prime \prime}$ ) | 130 mm ( $5.11^{\prime \prime}$ ) |
| 355 mm (13.98") | 368 mm (14.49") | 372 mm (14.65") <br> Port dia 200 mm | 420mm (16.54") | 480mm (18.9") $\text { Port dia } 200 \mathrm{~mm}$ | $615 \mathrm{~mm} \text { (24.2") }$ $\text { Port dia } 200 \mathrm{~mm}$ | 375 mm ( $14.76^{\prime \prime}$ ) <br> Port dia 200 mm | 490mm (19.29") <br> Port dia 200 mm | 625 mm ( $24.61^{\prime \prime}$ ) <br> Port dia 250 mm | 760 mm (29.92") <br> Port dia 305 mm |
| 8 holes | 8 holes | (7.87") | 8 holes M16 $\times 25 \mathrm{~mm}$ | (7.87") | (7.87") | (7.87") <br> 8 holes/port M16 x | $\begin{array}{r} (7.87 ") \\ 8 \text { holes/port M16 x } \end{array}$ | (9.84") | (12") |
| $\mathrm{M} 12 \times 25 \mathrm{~mm}$ ( $1^{\prime \prime}$ ) | $\begin{array}{r} \mathrm{M} 16 \times 25 \mathrm{~mm}\left(1^{\prime \prime}\right) \\ \text { equispaced on } 209.6 \\ \mathrm{~mm} \\ \left(8.5^{\prime \prime}\right) \mathrm{PCD}(\mathrm{BS} 10 \\ \text { table D) } \end{array}$ | 8 holes/port M16 equispaced on 280 mm (11.02") PCD (PN6) | equispaced on 235 mm (9.25") PCD (BS10 table D | 8 holes/port M16 equispaced on 280 mm (11.02") PCD (PN6) | 8 holes/port M16 equispaced on 280 mm (11.02") PCD (PN6) | $\begin{array}{r} 25 \mathrm{~mm} \\ \left(1^{\prime \prime}\right) \text { equispaced on } \\ 280 \mathrm{~mm} \\ \left(11.024^{\prime \prime}\right) \text { PCD (PN6) } \end{array}$ | $\begin{array}{r} 25 \mathrm{~mm} \\ \left(1^{\prime \prime}\right) \text { equispaced on } \\ 280 \mathrm{~mm} \\ \left(11.024^{\prime \prime}\right) \text { PCD (PN6) } \end{array}$ | 12 holes/port M16 equispaced on 335 mm (13.19") PCD (PN6) | 6 Holes/Port M16 equispaced on 400 mm (15.74") PCD (PN6) |
|  | 133 mm ( $5.25^{\prime \prime}$ ) |  | 133 mm ( 5.25 ) |  |  |  |  |  |  |
|  | 106 mm (4.14") |  | 130.5 mm (5.15") |  |  |  |  |  |  |
| 128kg (282lbs) | 157kg (3461bs) | 179kg (3951bs) | 171 kg (3771bs) | 203kgs 9447lbs) | 233 kgs (5131bs) | 364 kg (802lbs) | 420kg (926lbs) | 496kg (10931bs) | 1100kgs (24201bs) |
| $152.5 \mathrm{~mm}\left(6^{\prime \prime}\right)$ | 152.5 mm ( $6^{\prime \prime}$ ) | 220 mm (8.66") | $152.5 \mathrm{~mm}\left(6^{\prime \prime}\right)$ | 220 mm (8.66") | 220 mm ( $8.66{ }^{\prime \prime}$ ) | 300 mm (11.81") | 300 mm (11.81") | 300 mm (11.81") |  |
| 266 mm (10.47") | 266 mm (10.47") | 450 mm (17.72") | 266 mm (10.47 ${ }^{\text {² }}$ | 450mm (17.72") | 450mm (17.72") | 580 mm (22.83") | 580 mm (22.83") | 580 mm (22.83") |  |
| $56.8 \mathrm{~mm}\left(2.24{ }^{\prime \prime}\right)$ | 56.8 mm (2.24") | 148.8 mm ( $5.86{ }^{\prime \prime}$ ) | $56.8 \mathrm{~mm}\left(2.24^{\prime \prime}\right)$ | 148.8 mm ( $5.86{ }^{\prime \prime}$ ) | 148.8 mm ( $5.86{ }^{\prime \prime}$ ) | 191.6 mm (7.54") | 191.6 mm (7.54") | 191.6 mm (7.54") |  |
| 305 mm (12") | 317.5 mm (12.5") | 440 mm (17.32") | 317.5 mm ( $12.5{ }^{\text {² }}$ ) | 440 mm ( $17.32^{\prime \prime}$ ) | 440 mm (17.32") | 503 mm (19.8") | 503 mm (19.8) | 600 mm (23.62") |  |
| 125kg (275.51bs) | 154kg (339.51bs) | 177kg (390lbs) | 168kg (370lbs) | 203kgs 94471bs) | 233 kgs (513lbs) | 370 kg (815lbs) | 426kg (9391bs) | 502kg (1107/bs) |  |

## Construction and Components

Materials of Construction

| Item | Material Specification |
| :--- | :--- |
| Case, Head Plate, End Caps | Grey cast iron EN-GJL-250/EN-JL 1040 (EN 1561) |
| Rotors | 2 lobes <br> Fitted with Graflon HY22 Tip Strips <br> Spheroidal graphite cast iron EN-GJS-700-2/EN-JS1070 (EN 1563) |
| Gears | Spur gears. Case hardening steel 15NiCr13/1.5752 (EN 10084) <br> Hardened and quenched to HV 750 (minimum) <br> Profile ground to accuracy grade 5 (ISO 1328-1) |
| Gear Cover (all except below) | Grey cast iron EN-GJL-250/EN-JL 1040 (EN 1561) |
| Gear Cover (SR113, SR142, SR170) | Aluminium alloy casting EN-AC-Alsicu3Mn/EN AC-45200SF (EN 1706) |
| Ball Bearings (SR017, SR023, SR035) | Paired, angular contact with metal cages. Clearance - normal (CN) |
| Ball Bearings (SR060, SR069, SR113, <br> SR142, SR160, SR170, SR272, SR363, <br> SR500) | Double row, angular contact with metal cages. <br> Clearance - normal (CN) |
| Roller Bearings | Single row, cylindrical roller with metal cage. Clearance - normal (CN) |
| Lip Seals | Viton® |


| Type | Gear Centres <br> $\mathbf{m m}$ | Airflow <br> $\mathbf{m} \mathbf{3} / \mathbf{h r}$ | Maximum pressure (continuous <br> running) mbar | Maximum Speed <br> rpm |
| :--- | :---: | :---: | :---: | :---: |
| SRO 17 | 70.5 | $15-370$ | 760 | 4000 |
| SRO 23 | 70.5 | $20-495$ | 550 | 4000 |
| SRO 15 | 90 | $15-325$ | 1035 | 4000 |
| SRO 35 | 90 | $35-750$ | 1035 | 4000 |
| SRO 44 | 90 | $60-965$ | 830 | 4000 |
| SRO 52 | 90 | $65-1140$ | 700 | 4000 |
| SRO 60 | 117 | $60-1138$ | 1035 | 3500 |
| SRO 69 | 117 | $100-1340$ | 1035 | 3500 |
| SRO 91 | 117 | $195-1775$ | 760 | 3500 |
| SR 124 | 117 | $320-2420$ | 550 | 3500 |
| SR 113 | 152.4 | $240-1860$ | 1035 | 3000 |
| SR142 | 152.4 | $310-2310$ | 830 | 3000 |
| SR 170 | 152.4 | $410-2750$ | 700 | 3000 |
| SR 160 | 152.4 | $340-2685$ | 1035 | 3000 |
| SR 220 | 152.4 | $580-3700$ | 760 | 3000 |
| SR 295 | 152.4 | $880-4980$ | 550 | 3000 |
| SR 272 | 196.9 | $700-3465$ | 1035 | 2300 |
| SR 363 | 196.9 | $1030-4620$ | 1035 | 2300 |
| SR 500 | 196.9 | $1670-6400$ | 760 | 2300 |
| SR 800 | 300 | $4000 \cdot 9100$ | 1035 | 1600 |


| Features | Benefits |
| :--- | :--- |
| Rotors with carbon/PTFE inserts | Maximises airflow and efficiency |
| All units are built for universal mounting | Minimise energy consumption |
| Flexible rotor rotation | Minimise running temperatures |
| Dynamically balanced rotors | Miving total package flexibility |
| Universal package frame | Machines can be driven clockwise and anti-clockwise |
| Established design | Giving a trusted and proven performance noise |

Building 8/4 Carlson Suite, Vantage Point Business Village, Mitcheldean, Gloucestershire GL17 ODD, UK Tel: 01594546440 Fax: 01594546441

Email: info@hadronengineering.co.uk www.hadronengineering.co.uk

