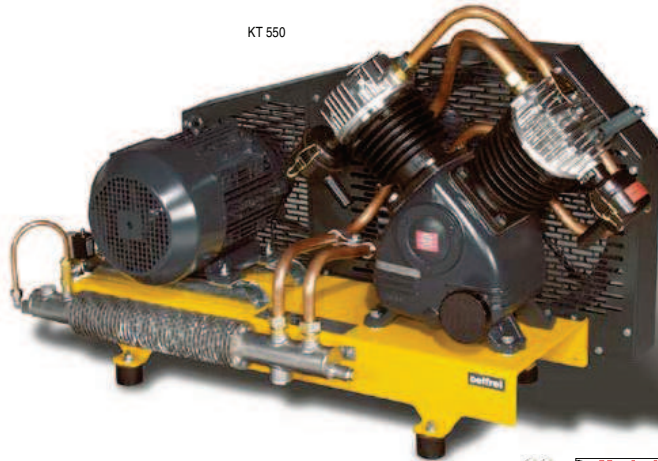


# Systems to meet your individual compressed air needs

## Oil-free base-mounted compressors

- Ideal for use as an auxiliary compressor and for use with existing air receivers
- KCT series: Directly coupled
- KT series: Belt driven

KT 550



**Highly effective cooling**  
 Aluminium cylinder heads provide exceptional heat dissipation to ensure extended service life.



**Accessories**  
 Specially selected set of control and connection components to ensure trouble-free installation.

## Integrated compressors

- Oil-free integrated compressors with 1:1 direct drive

KCT 550



**Dual cooling**  
 Highly effective cooling with double-stream airflow.

## Integrated compressor blocks

- Integrated compressor blocks designed for V-belt drive

KT 1500



**Highly effective cooling**  
 Aluminium cylinder heads provide exceptional heat dissipation to ensure extended service life.



### Technical specifications

|   |             | Oil-free, directly coupled base-mounted compressors |                         |           |           |           |           |           |            | Base-mounted, oil-free, V-belt drive |               |          |          |          |           |           |  |
|---|-------------|---|-------------------------|-----------|-----------|-----------|-----------|-----------|------------|--------------------------------------|---------------|----------|----------|----------|-----------|-----------|--|
|   |             | KCT 110-G   | KCT230 G                | KCT 420-G | KCT 180-G | KCT 401-G | KCT 550-G | KCT 840-G | KCT 1000-G | KT 150-G                             | KT 250-G      | KT 500-G | KT 700-G | KT 850-G | KT 1000-G | KT 1500-G |  |
| Displacement                                  | l/min       | 110   | 230                     | 150       | 180       | 400       | 550       | 840       | 1000       | 150                                  | 250           | 500      | 700      | 580      | 1000      | 1500      |  |
| Effective air delivery <sup>1)</sup> at 6 bar |             | 60  | 152                     | 252       | 100       | 275       | 375       | 575       | 700        | 85                                   | 150           | 290      | 485      | 590      | 715       | 1035      |  |
| Max. working pressure                         | bar         | 7   | 7                       | 7         | 10        | 10        | 10        | 10        | 10         | 7                                    | 7             | 7        | 7        | 7        | 7         | 7         |  |
| Motor power                                   | kW          | 0.75  | 1.4 (2.2) <sup>2)</sup> | 2.2       | 1.1       | 2.4       | 3         | 4         | 7.5        | 1.1                                  | 1.2           | 3        | 4        | 5.5      | 5.5       | 11        |  |
| Number of cylinders                           |             | 1   | 1                       | 2         | 1         | 2         | 2         | 2         | 2          | 1                                    | 2             | 2        | 2        | 2        | 2         | 3         |  |
| Block speed                                   | strokes/min | 1500  |                         | 1500      |           | 1500      | 1500      | 1500      | 1500       | 980                                  | 820           | 725      | 765      | 930      | 760       | 720       |  |
| Sound pressure level <sup>3)</sup>            |             | 72  | 73                      | 75        | 70        | 75        | 76        | 78        | 82         | 70                                   | 75            | 78       | 79       | 80       | 80        | 82        |  |
| Length  | mm          | 510   | 510                     | 510       | 510       | 600       | 670       | 670       | 850        | 590                                  | 880           | 1300     | 1280     | 1260     | 1450      | 1520      |  |
| Width   | mm          | 300   | 480                     | 560       | 340       | 480       | 480       | 680       | 620        | 360                                  | 380           | 490      | 490      | 490      | 580       | 790       |  |
| Height  | mm          | 480   | 420                     | 430       | 560       | 450       | 510       | 570       | 690        | 440                                  | 470           | 680      | 680      | 680      | 870       | 950       |  |
| Weight  | kg          | 17  | 40                      | 45        | 35        | 50        | 60        | 85        | 130        | 37                                   | 55            | 140      | 155      | 165      | 225       | 400       |  |
| Auto. star-delta starter                      |             | Not necessary                                       |                         |           |           |           |           |           |            | Option                               | Not necessary |          |          | Option   | Option    | Option    |  |

<sup>1)</sup> Effective air delivery as per VDMA standard sheet 4362 – <sup>2)</sup> Power supply: 400 V, 50 Hz, 3 Ph – <sup>3)</sup> Free field measurement to DIN 45635 at 1m distance

### Technical specifications

|   |             | Oil-free integrated base-mounted compressors |                         |         |         |         |         |         |            | Oil-free integrated compressor blocks |        |        |        |        |         |         |     |
|---|-------------|--|-------------------------|---------|---------|---------|---------|---------|------------|---------------------------------------|--------|--------|--------|--------|---------|---------|-----|
|   |             | KCT 110                                      | KCT 230                 | KCT 420 | KCT 180 | KCT 401 | KCT 550 | KCT 840 | KCT 1000-2 | KT 152                                | KT 252 | KT 500 | KT 700 | KT 850 | KT 1000 | KT 1500 |     |
| Displacement                                  | l/min       | 110  | 230                     | 420     | 180     | 400     | 550     | 840     | 1000       | 150                                   | 250    | 500    | 700    | 850    | 1000    | 1500    |     |
| Effective air delivery <sup>1)</sup> at 6 bar |             | 60   | 152                     | 265     | 110     | 275     | 375     | 575     | 700        | 85                                    | 150    | 290    | 485    | 590    | 715     | 1035    |     |
| Max. working pressure                         | bar         | 7  |                         | 7       | 10      | 10      | 10      | 10      | 10         | 7                                     | 7      | 7      | 7      | 7      | 7       | 7       |     |
| Number of cylinders                           |             | 1  | 2                       | 2       | 1       | 2       | 2       | 2       | 2          | 1                                     | 2      | 2      | 2      | 2      | 2       | 3       |     |
| Block speed                                   | strokes/min | 1500   |                         |         |         |         |         |         |            | 1500                                  | 980    | 820    | 725    | 765    | 930     | 760     | 720 |
| Length  | mm          | 380  | 500                     | 500     | 510     | 580     | 600     | 640     | 770        | 210                                   | 280    | 385    | 385    | 385    | 400     | 525     |     |
| Width   | mm          | 240  | 470                     | 560     | 300     | 475     | 475     | 650     | 620        | 230                                   | 480    | 700    | 720    | 720    | 800     | 800     |     |
| Height  | mm          | 285  | 350                     | 360     | 520     | 400     | 400     | 550     | 660        | 300                                   | 340    | 470    | 490    | 490    | 560     | 635     |     |
| Weight  | kg          | 25   | 38                      | 45      | 28      | 52      | 50      | 58      | 125        | 8                                     | 16     | 55     | 53     | 53     | 85      | 95      |     |
| Integrated motor                              | kW          | 0.75   | 1.5 (2.2) <sup>2)</sup> | 2.2     | 1.1     | 2.4     | 3       | 4       | 7.5        | -                                     | -      | -      | -      | -      | -       | -       |     |
| Single compressor block                       |             | -  | -                       | -       | -       | -       | -       | -       | -          | -                                     | -      | -      | -      | -      | -       | -       |     |
| Required motor power                          | kW          | -  | -                       | -       | -       | -       | -       | -       | -          | 1.1                                   | 1.5    | 3      | 4      | 5      | 5.5     | 11      |     |
| Required fan wheel ø mm                       |             | -  | -                       | -       | -       | -       | -       | -       | -          | 280                                   | 360    | 500    |        | 600    |         | 680     |     |

<sup>1)</sup> Effective air delivery as per VDMA standard sheet 4362 – <sup>2)</sup> Power supply: 400 V, 50 Hz, 3 Ph