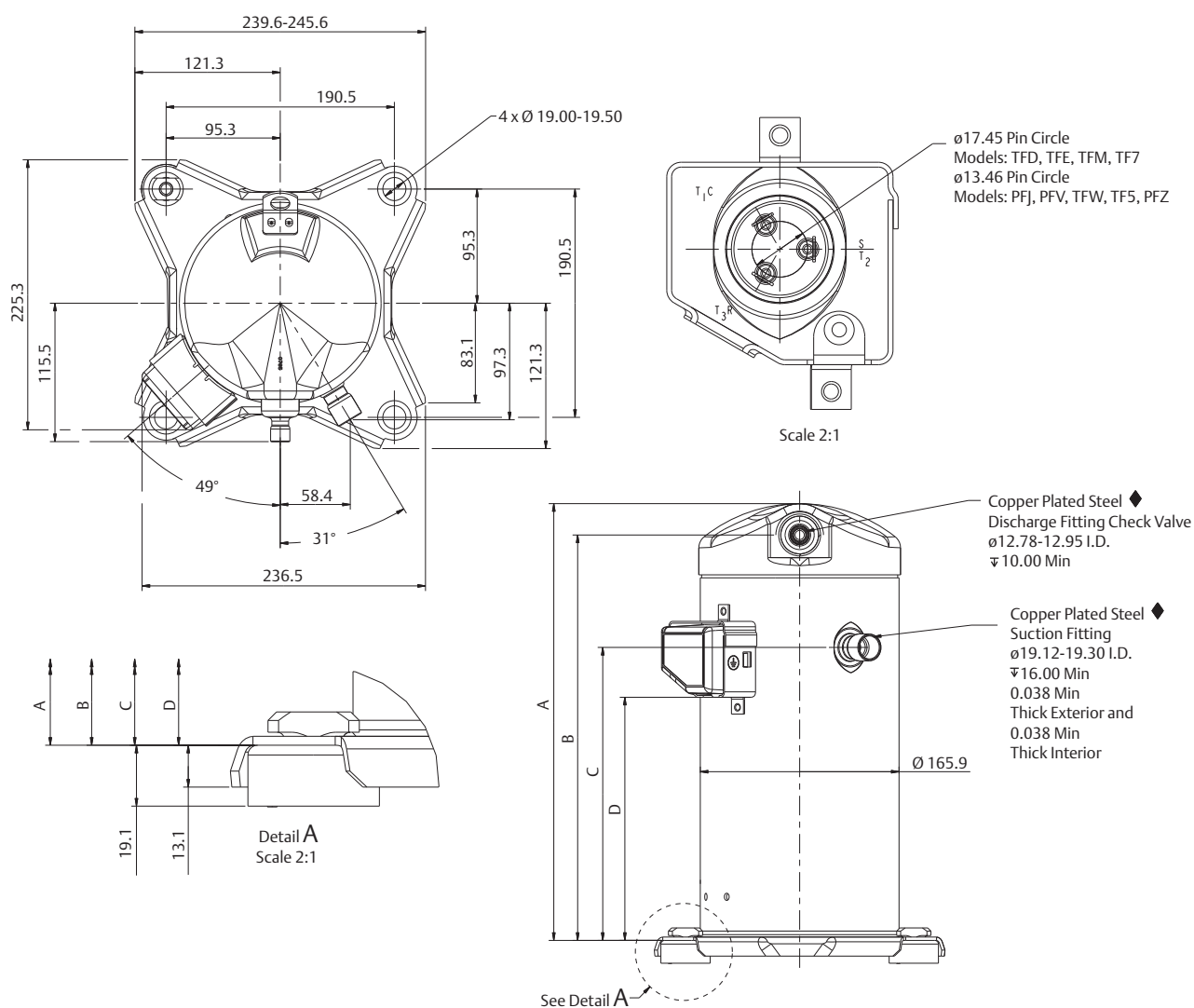


Technical Data

| Model | | | ZB15KQ ZB15KQE | ZB19KQ ZB19KQE | ZB21KQ ZB21KQE | ZB26KQ ZB26KQE | ZB29KQ ZB29KQE | ZB38KQ ZB38KQE | ZB45KQ ZB45KQE |
|--|------|---------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Motor type | 50Hz | PFJ | PFJ | PFJ | PFJ | PFJ | PFJ | | |
| | | TF5 | TF5 | TF5 | TF5 | TF5 | TF5 | TF5 | |
| | | TFD | TFD | TFD | TFD | TFD | TFD | TFD | |
| | 60Hz | PFV | PFV | PFV | PFV | PFV | | | |
| | | TF5 | TF5 | TF5 | TF5 | TF5 | TF5 | TF5 | |
| | | TF7 | TF7 | TF7 | TF7 | TF7 | TF7 | TF7 | |
| | | TFD | TFD | TFD | TFD | TFD | TFD | TFD | |
| | | | | | | | | | |
| | | | | | | | | | |
| Displacement (M³/HR) | | 50Hz | 5.9 | 6.8 | 8.6 | 9.9 | 11.4 | 14.4 | 17.1 |
| | | 60Hz | 7.1 | 8.2 | 10.4 | 12.0 | 13.8 | 17.3 | 20.6 |
| LRA | 50Hz | PFJ | 58.0 | 61.0 | 82.0 | 97.0 | 114.0 | | |
| | | TF5/TW5 | 56.0 | 70.0 | 83.0 | 95.0 | 98.0 | 139.0 | 172.0 |
| | | TFD | 26.0 | 32.0 | 40.0 | 46.0 | 50.0 | 65.5 | 74.0 |
| | 60Hz | PFV | 61.0 | 72.5 | 95.0 | 109.0 | 137.0 | | |
| | | TF5/TW5 | 55.0 | 63.0 | 77.0 | 88.0 | 91.0 | 128.0 | 156.0 |
| | | TF7/TW7 | 27.0 | 30.0 | 39.0 | 41.0 | 54.0 | 64.0 | 70.0 |
| | | TFD | 27.0 | 31.0 | 39.0 | 44.0 | 50.0 | 63.0 | 75.0 |
| | | | | | | | | | |
| RLA | KQ | PFJ | 11.4 | 12.9 | 16.4 | 17.1 | 19.3 | | |
| | | PFV | 13.6 | 15.0 | 18.4 | 20.4 | 22.1 | | |
| | | TF5/TW5 | 8.9 | 10.0 | 11.4 | 13.9 | 16.4 | 20.7 | 20.7 |
| | | TF7/TW7 | 5.0 | 5.8 | 7.5 | 7.3 | 9.3 | 10.7 | 10.7 |
| | | TFD | 4.3 | 4.3 | 5.7 | 7.1 | 7.9 | 10.0 | 11.5 |
| | KQE | PFJ | 13.2 | 14.6 | 15.4 | 18.9 | 20.0 | | |
| | | PFV | 15.7 | 17.1 | 20.7 | 23.6 | 25.0 | | |
| | | TF5/TW5 | 8.9 | 10.0 | 12.1 | 13.2 | 17.1 | 24.0 | 26.0 |
| | | TF7/TW7 | 5.1 | 5.9 | 7.4 | 7.6 | 9.6 | 12.4 | 12.6 |
| | | TFD | 5.0 | 5.0 | 7.4 | 6.4 | 7.9 | 9.6 | 10.1 |
| Max Continuous Current | KQ | PFJ | 16.0 | 18.0 | 23.0 | 24.0 | 27.0 | | |
| | | PFV | 19.0 | 21.0 | 25.8 | 28.6 | 31.0 | | |
| | | TF5/TW5 | 12.5 | 14.0 | 16.0 | 19.4 | 23.0 | 29.0 | 29.0 |
| | | TF7/TW7 | 7.0 | 8.1 | 10.5 | 10.2 | 13.0 | 15.0 | 15.0 |
| | | TFD | 6.0 | 6.0 | 8.0 | 10.0 | 11.0 | 13.5 | 16.1 |
| | KQE | PFJ | 18.5 | 20.5 | 21.5 | 26.5 | 28.0 | | |
| | | PFV | 22.0 | 24.0 | 29.0 | 33.0 | 35.0 | | |
| | | TF5/TW5 | 12.5 | 14.0 | 17.0 | 18.5 | 24.0 | 33.6 | 32.4 |
| | | TF7/TW7 | 7.2 | 8.3 | 10.3 | 10.7 | 13.5 | 17.4 | 17.7 |
| | | TFD | 7.0 | 7.0 | 10.3 | 9.0 | 11.0 | 14.0 | 14.2 |
| Run Capacitor (1 phase) | 50Hz | PFJ | 40/440 | 45/370 | 60/370 | 60/370 | | | |
| Run Capacitor (1 phase) | 60Hz | PFV | 40/370 | 45/370 | 50/370 | 60/370 | 60/440 | | |
| Nominal power(HP) | | | 2 | 2.5 | 3 | 3.5 | 4 | 5 | 6 |
| Crankcase Heater(W) | | | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| Connection Tube size(inch) | | | | | | | | | |
| Discharge Tube outer Diameter | | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| Suction Tube outer Diameter | | | 3/4 | 3/4 | 3/4 | 3/4 | 7/8 | 7/8 | 7/8 |
| Dimension(mm) | | | | | | | | | |
| Length | | | 242 | 242 | 243 | 243 | 242 | 242 | 242 |
| Width | | | 242 | 242 | 244 | 244 | 242 | 242 | 242 |
| Height | | | 383 | 389 | 412 | 425 | 430 | 457 | 457 |
| Mounting pants installation size (hole size) | | | 190x190(8.5) | 190x190(8.5) | 190x190(8.5) | 190x190(8.5) | 190x190(8.5) | 190x190(8.5) | 190x190(8.5) |
| Oil Recharge(L) | | | | | | | | | |
| PFJ/PFV | | | 1.24 | 1.30 | 1.45 | 1.45/1.48 | 1.36 | | |
| TFD/TF5/TF7 | | | 1.24 | 1.36 | 1.45 | 1.48 | 1.36 | 2.07 | 1.89 |
| Weight(kg) | | | | | | | | | |
| Net | | | 23 | 25 | 27 | 28 | 33 | 38 | 40 |
| Gross | | | 26 | 29 | 30 | 31 | 37 | 41 | 44 |

ZB15~ZB29 (BOM 524)



| Compressor model | A±3 | B±3 | C±3 | D±3 |
|------------------|-------|-------|-------|-------|
| ZB15KQ/ZB15KQE | 363.8 | 338.3 | 244.5 | 202.9 |
| ZB19KQ/ZB19KQE | | | | |
| ZB21KQ/ZB21KQE | 386.4 | 360.9 | 264.4 | 222.8 |
| ZB26KQ/ZB26KQE | 400.2 | 374.6 | 277.1 | 235.5 |
| ZB29KQ/ZB29KQE | 417.8 | 389.9 | 294.1 | 252.5 |

ZB15~ZB29 (BOM 523)

