

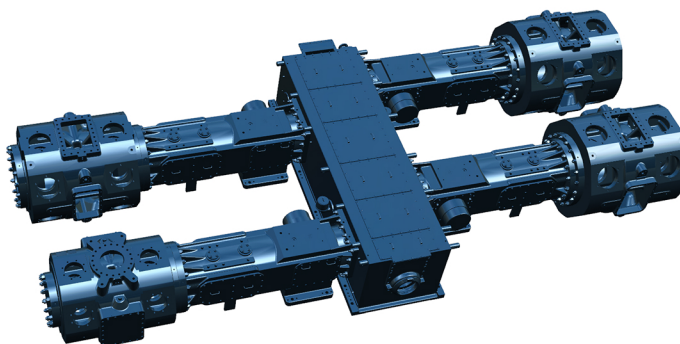
## Reciprocating Compressor Product Series – ZX Series Reciprocating Compressor

### Process (API-618) Reciprocating Compressor

Applied in petrochemical and refinery services, as well as a wide range of other processes such as cooling gas, methanol and ethylene production, ammonia, nitric acid, and urea. They are also used for natural gas transmission and injection, with power ratings of up to 45,000 HP (33,557 kW).

### Balanced Compressor System

- Horsepower: 50 - 45,000 HP
- Speed: 240 - 720 RPM
- Rated pressure: Outlet pressure slightly above atmospheric pressure (9500 psi)



| Model | Stroke (in) | Throws     | Max. Horse Power (kW) | MACCRL Lbs. (kN) | Cyl. bore range (in) |
|-------|-------------|------------|-----------------------|------------------|----------------------|
| ZX-A  | 12 to 16    | 2,4,6 or 8 | 45,000 (33,557)       | 400,000 (1816)   | 7 to 48.5            |
| ZX-B  | 12 to 16    | 1 to 8     | 22,500 (16,778)       | 200,000 (890)    | 7 to 48.5            |
| ZX-C  | 8 to 15     | 1 to 8     | 13,125 (9,787)        | 130,000 (578)    | 5 to 42.5            |
| ZX-D  | 8.5 to 12   | 2 or 4     | 8,225 (6,133)         | 80,000 (356)     | 5 to 38.5            |
| ZX-E  | 8.5 to 12   | 1 to 6     | 5,000 (3,729)         | 60,000 (267)     | 5 to 38.5            |
| ZX-F  | 8.5 to 12   | 2 or 4     | 2,250 (1,678)         | 30,000 (134)     | 3.5 to 28            |
| ZX-G  | 9 or 11     | 2 or 4     | 1,000 (745)           | 27,600 (123)     | 2.125 to 28          |
| ZX-GA | 7           | 2          | 250 (186)             | 10,200 (45)      | 1.625 to 19          |
| ZX-GB | 7,9 or 11   | 1          | 180 (135)             | 21,600 (96)      | 2.125 to 28          |

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