

# Fully balanced high-speed compressor systems

## According to API 11P and ISO 13631

### Full range of compressors

High-speed reciprocating compressor systems in accordance with API 11P/ISO 13631 are the preferred solution for a wide range of oil and gas applications. Burckhardt Compression high-speed compressors are available in multiple frame sizes to meet specific customer requirements. Services and spare parts support are provided worldwide through our global service center network.

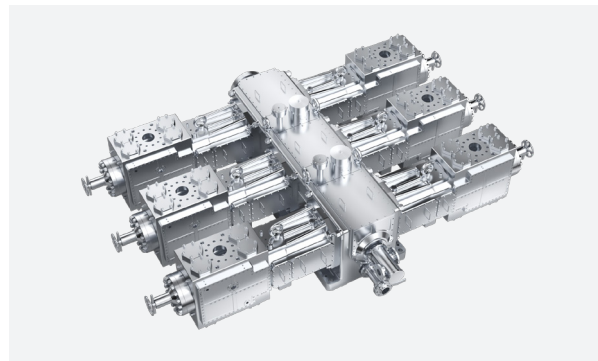
### Customer benefits

- Fully balanced structure eliminates vibrations to surrounding infrastructure and machinery
- No special foundation required
- Small footprint
- Skidded solution with minimum interfaces
- CAPEX-optimized compressor system
- Easy replacement of wear parts
- Full range of after-sales services
- Global service center network

### The right solution for your application

#### Compressor design

- Fully balanced to eliminate horizontal moments and forces
- Lubricated and non-lubricated designs
- Driven by electrical motor or gas engine
- Available with 2, 4 and 6 cranks
- Power up to 7'500 kW
- In compliance with API 11P/ISO 13631 standards



## Technical data

Type	Throws	Stroke mm / in	Speed range rpm	Rated speed rpm	Max. combined rod load kN / lbs	Max. power per throw at rated speed kW / hp
HS-A	2, 4	76 (3.0)	750–1'800	1'500	50 / 11'250	110 / 148
HS-B	2, 4	90, 110 (3.5, 4.3)	600–1'800	1'000	100 / 22'500	300 / 402
HS-C	2, 4, 6	115, 140 (4.5, 5.5)	600–1'500	1'000	160 / 36'000	500 / 670
HS-D	2, 4, 6	140, 165 (5.5, 6.5)	500–1'200	1'000	220 / 49'500	750 / 1'005
HS-E	2, 4, 6	140, 170 (5.5, 6.7)	500–1'200	1'000	320 / 72'000	1'000 / 1'341
HS-F	2, 4, 6	180, 210 (7.1, 8.3)	300–900	750	450 / 101'250	1'250 / 1'676

## Dimensions

Type	Length mm / in	Width mm / in	Height mm / in
HS-A (2, 4 cranks)	2'300 / 91	1'100–1'700 / 43–67	900 / 35
HS-B (2, 4 cranks)	3'100 / 122	1'300–2'200 / 51–87	1'160 / 46
HS-C (2, 6 cranks)	4'900 / 193	1'700–2'900 / 67–114	1'260 / 50
HS-D (2, 6 cranks)	4'400 / 174	1'850–4'250 / 73–168	1'350 / 53
HS-E (2, 6 cranks)	4'800 / 189	2'000–4'400 / 79–174	1'650 / 65
HS-F (2, 6 cranks)	5'300 / 209	2'200–5'400 / 87–213	1'690 / 67

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