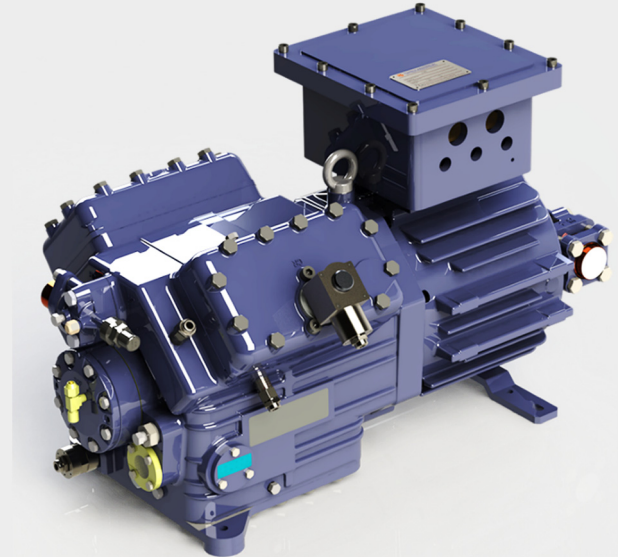


TYPE SHRC – SEMI-HERMETIC REFRIGERATION COMPRESSOR

(Flameproof)

Features:

- ➔ Compressor main body enclosure is protected by static pressurization
- ➔ Compressor main body material cast iron
- ➔ Flameproof terminal box
- ➔ Rugged terminal box material (carbon steel or stainless steel)
- ➔ Application: air-cooled systems, water-cooled systems, refrigeration, air conditioning etc.



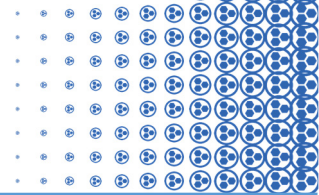
Type SHRC semi-hermetic refrigeration compressor is designed according to IEC/EN 60079-0, IEC 60079-1, IEC/EN 60079-2 and IEC/EN 60079-31 standards. The product is certified for installation in Zone 1 and Zone 2 for gas environment, Zone 21 and Zone 22 for dust environment.

Semi-hermetic compressor uses a main shaft together with the electric motor, both of the compressor and motor are assembled in a same enclosure, the enclosure is removable type. Semi-hermetic compressor is generally used for the equipment with big refrigerating capacity. Due to the structure, maintenance or repair could be achieved if breakdown occurs inside of the enclosure. When comparing with hermetic compressor, semi-hermetic compressor has several merits such as low requirement for materials, convenient maintenance and low cost.

Type SHRC semi-hermetic refrigeration compressor is designed to be used in the refrigeration cycle of air conditioning and refrigeration systems. Type SHRC semi-hermetic refrigeration compressor comprises compressor main body and a terminal box. The enclosure of the compressor main body is protected by static pressurization. The enclosure of the terminal box is flameproof. The material for the compressor main body is cast iron. The material for the terminal box is stainless steel or carbon steel.

Fonteck SHRC semi-hermetic refrigeration compressor is the safest, the most professional and optimal explosion-proof compressor product in current market.



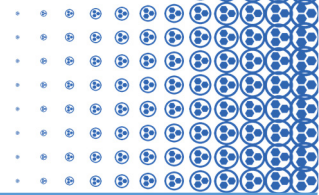


Certification:	
Notification Body:	DNV
Certification Body:	LCIE
Certification:	IECEX and ATEX
Certificate No.:	IECEX LCIE 15.0028X
	LCIE 15 ATEX 3030X
Temperature Class:	T4
Ambient Temperature:	-55°C to +85°C
Ingress Protection:	IP66
Marking:	Ⓔ II 2 G D (ATEX), Ex d px IIB T4 Gb; Ex tb IIIC T130°C Db -55°C<Tamb<+85°C IP66

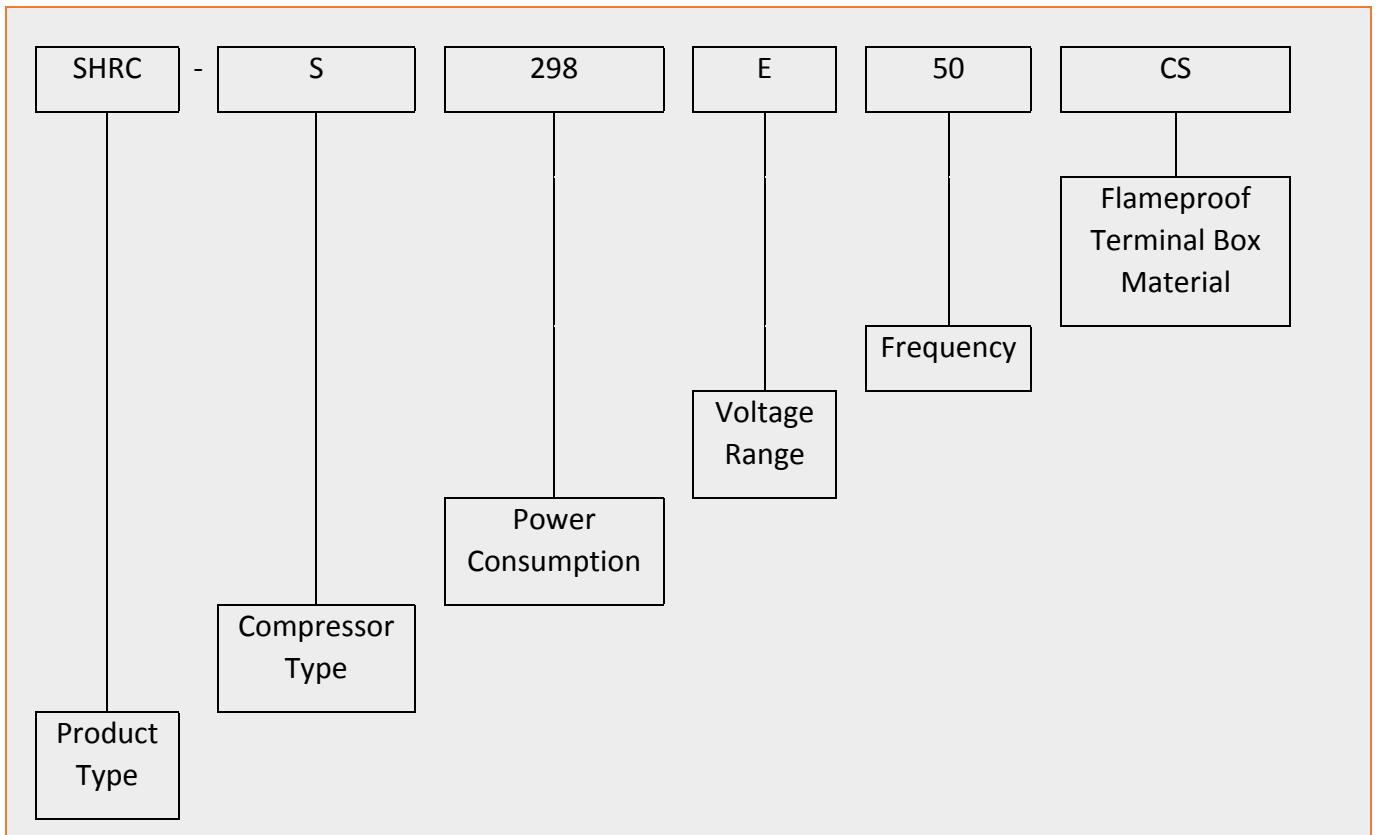
Mechanical Specification:	
Compressor Main Body Material:	Cast Iron
Terminal Box Material:	Carbon Steel or Stainless Steel
Refrigerant:	R134a, R404A, R407A, R407C, R407F, R507A, R22 etc.

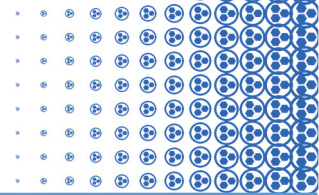
Electrical Specification:	
Rated Voltage:	Max 690VAC
Frequency:	50 or 60Hz
Rated Power:	Up to 298kW





Type Explanation:





Ordering Table:

Please refer to the below ordering code table. If you need more information, please contact our sales representative for assistance.

Product Type	Compressor Type	Power Consumption (kW)			Voltage Range (VAC)	Frequency (Hz)	Flameproof Terminal Box Material	
		Hundreds	Tens	Ones				
SHRC	R-Reciprocating Type	0	0	0	A-220-240	50-50	SS-Stainless Steel	
		1	1	1				
		2	2	2	B-265-290			
			3	3				
			4	4	C-380-420			
		5	5					
	S-Screw Type			6	6	D-440-480	60-60	CS-Carbon Steel
				7	7			
				8	8	E-660-690		
				9	9	O-Other Voltage (Specify)		



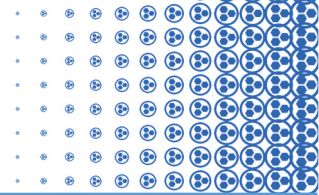


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E.g.: SHRC-S298E50CS

SHRC	S	298	E	50	CS
Semi-hermetic Refrigeration Compressor	Screw Type	298kW	660-690 VAC	50Hz	Carbon Steel Flameproof Terminal Box

