

Electric Compressors



* Model is under development

Type of Compressors	GEN2 - Top Inverter Series			GEN3 - Axial inverter Series				GEN4 - Axial inverter Series High Voltage & Low NVH			BUS & BTMS Applications			
	CH18	CH27	CH33	CQ18-24V	CQ18	CQ27	CQ36	CQ34	CQ34-Q8	CQ45 *	CR36	CQ50 *	CS40 *	R744-40 *
Illustrations														
Displacement (cc)	18CC	27CC	33CC	18CC	18CC	27CC	36CC	34CC	34CC	45CC	36CC	50CC	40CC	40CC
Power Supply Voltage (DC)	72 - 96V	96 - 750V	320V (200-450)	24V	48V	24 - 80V	400-750V	200-500V	450-900V	600-900V	400-750V	400-750V	400-750V	380-480V
Signal Voltage (DC)	12V	12V	12/24V	12V	12V	12V - 24V	24V	12V	12V/24V	12V/24V	12V/24V	12V/24V	24V	24V
Control	PWM	PWM	CAN	CAN	CAN PWM	PWM	CAN	CAN	CAN	CAN	CAN	CAN	CAN	CAN
Compressor Speed (rpm)	1500 - 5000rpm	1000 - 6000rpm	1000 - 6000rpm	1000 - 4500rpm	1000 - 5000rpm	1000 - 5000rpm	800 - 8600rpm	800 - 8600rpm	800 - 8600rpm	800 - 8600rpm	2000 - 6000rpm	2000 - 6500rpm	2000 - 6000rpm	900 - 4000rpm
Cooling Performance @ rated condition	3.0KW (@R134a)	3.0 - 4.7KW (@R134a)	5.8KW (@R134a)	2.0KW (@R134a)	2.0KW (@R134a)	3.4 - 3.8KW (@R134a)	8.0KW (@R134a)	7.8KW (@R134a)	7.8KW (@R134a)	10.0KW (@R134a)	12.0KW (@R407C)	8.0KW (@R134a)	22.0KW (@R410A)	30.0KW (@R744)
Refrigerant	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R407C R134a	R134a R1234yf	R410A R407C	R744
Compressor Oil Type	POE68	POE68	POE68	PAG	POE68	POE68	POE68	POE68	POE68	POE68	POE68	POE68	POE68	C85E (Fuchs POE)
Compressor Type	CH18D5-0687	CH27D4-1202	CH33J6-1030	CQ18B4-0200	CQ18C5-0685	CQ18C5-0686	CQ27B4-6010	CQ36M8-0102	CQ34K8-0101	CQ34Q8-0106	(CQ45)	CR36N6-2012	CQ50	(CS40)