

OPERATION CAPACITY



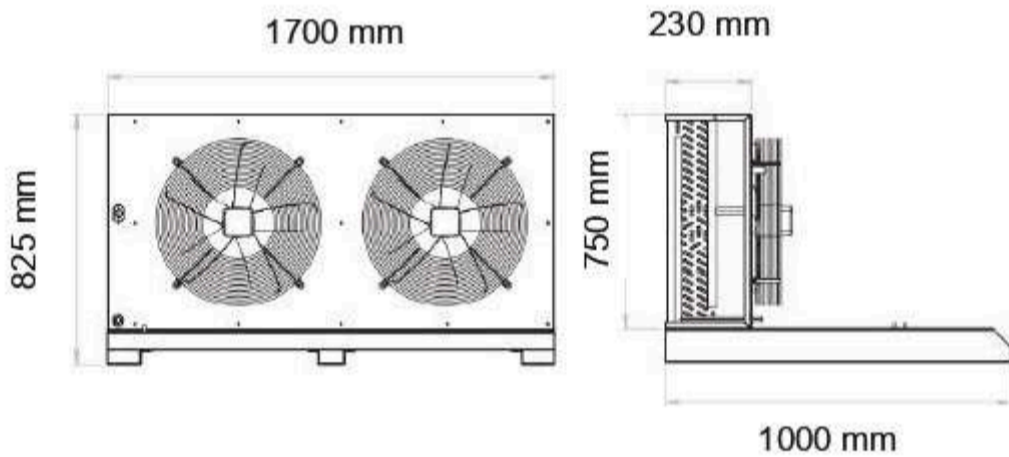
Qc (kw): 15.3

Pi (kw): 7.81

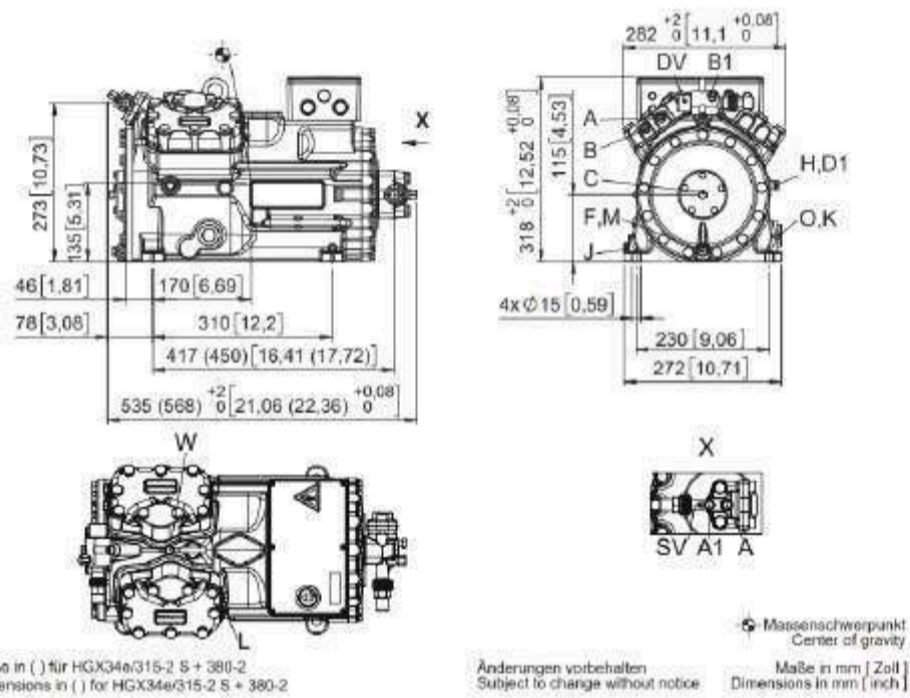
Qc: Cooling Capacity at Te = -8 °C and Tc = +50 °C

Pi: Power Input at Te = -8 °C and Tc = +50 °C

Model No. : KAL-028S6-HGX34e/315-4S



Unit Model	(Tc)	Cooling Power	(Te) Evaporating Temperature 'C					
			+5	0	-5	-10	-15	-20
KAL0028S6-HGX34e/315-4S	30	Q	36800	30800	25600	20900	16900	13400
		P	7.02	6.83	6.56	6.21	5.78	5.3
	35	Q	34000	28400	23500	19200	15500	12300
		P	7.69	7.41	7.04	6.59	6.08	5.52
	40	Q	31200	26000	21500	17500	14100	11100
		P	8.34	7.95	7.48	6.95	6.35	5.71
	45	Q	28300	23600	19400	15800	12600	9850
		P	8.96	8.46	7.89	7.26	6.57	5.85
	50	Q	25400	21100	17300	14000	11100	8640
		P	9.53	8.92	8.25	7.52	6.74	5.94
	55	Q	22500	18600	15200	12200	9600	7410
		P	10	9.32	8.54	7.72	6.85	5.96



Condenser Specification

Condenser Model	KC 028
Fan	
Qty.	2
Diameter (mm)	500
Air Flow (m3/h)	15600
Electrical	
supply	440-480V/3Ph/60Hz
Power Input (Watt)	500 x 2
Condenser Coil	
Internal Volume (L)	11.0
Heat Transfer Area (m2)	67.1
Headers	
Inlet (Inch)	1-1/8"
Outlet (Inch)	3/4"

Compressor Specification

Unit Model	KAL-028S6-HGX34e/315-4S
Technical Data	
Condensing Unit Net Weight	242.0 kg
Displacement (1750 RPM 60Hz)	32.8 m3/hr
Max. Pressure (LP/HP)	19 / 28 bar
Connection Suction Line	28 mm - 1-1/8"
Connection Discharge Line	22 mm - 7/8"
Motor version	1
Motor Voltage	440-480V Y-3-60Hz
Max Operating Current	14.7 A
Max. Power Input	10.8 kW
Crankcase Heater	120 W PTC (Option)
oil Type	E 55
Refrigerant	R404A

Kaltru



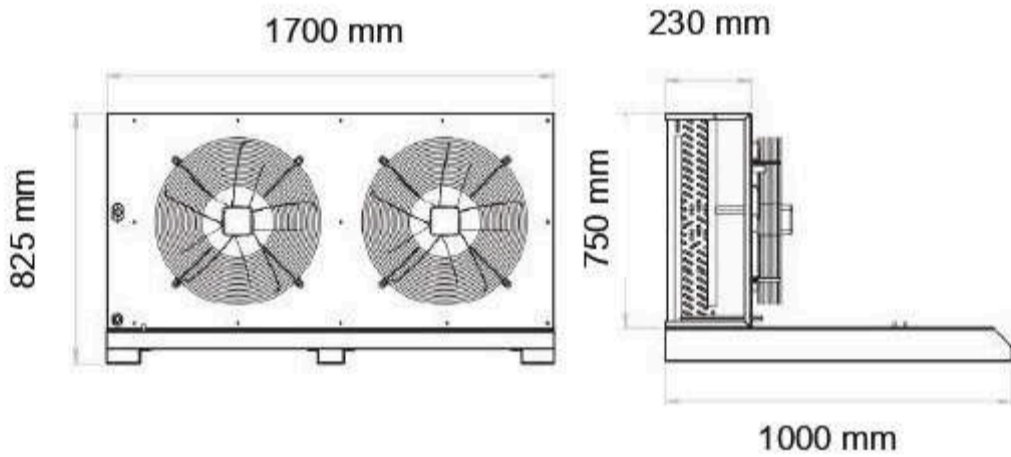
Qc (kw): 15.4

Pi (kw): 5.8

Qc: Cooling Capacity at Te = +5 °C and Tc = +55 °C

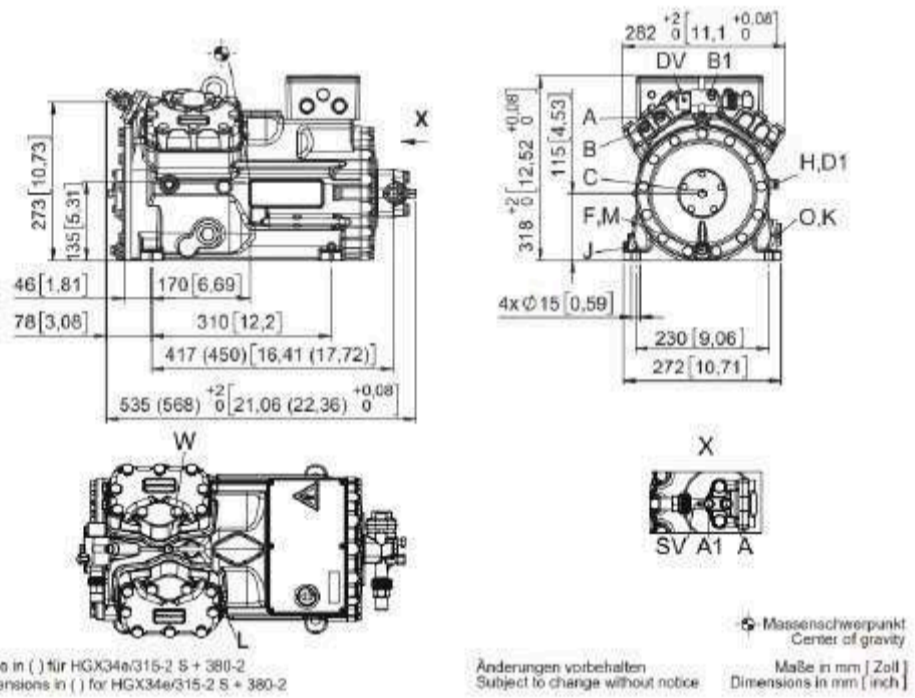
Pi: Power Input at Te = +5 °C and Tc = +55 °C

Model No. : KAL-028S6-HGX34e/315-4S



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Unit Model	(Tc)	Cooling Power	(Te) Evaporating Temperature °C					
			+10	+5	0	-5	-10	-15
KAL028S6-HGX34e/315-4S	35	Q	25800	21200	17200	13700	10700	8090
		P	4.59	4.48	4.27	3.99	3.65	3.27
	40	Q	24100	19800	16000	12700	9790	7420
		P	5.03	4.84	4.56	4.21	3.81	3.38
	45	Q	22400	18300	14700	11600	8960	6750
		P	5.45	5.17	4.82	4.4	3.94	3.46
	50	Q	20700	16800	13500	10600	8150	6090
		P	5.85	5.49	5.06	4.57	4.05	3.51
	55	Q	19000	15400	12300	9610	7340	5440
		P	6.22	5.77	5.27	4.71	4.13	3.54
	60	Q	17300	14000	11100	8620	6540	4800
		P	6.56	6.0	5.44	4.8	4.18	3.53



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Oil Type	E 55
Refrigerant	R134A