



OFFICINE MARIO DORIN SINCE 1918

DORIN[®]
INNOVATION



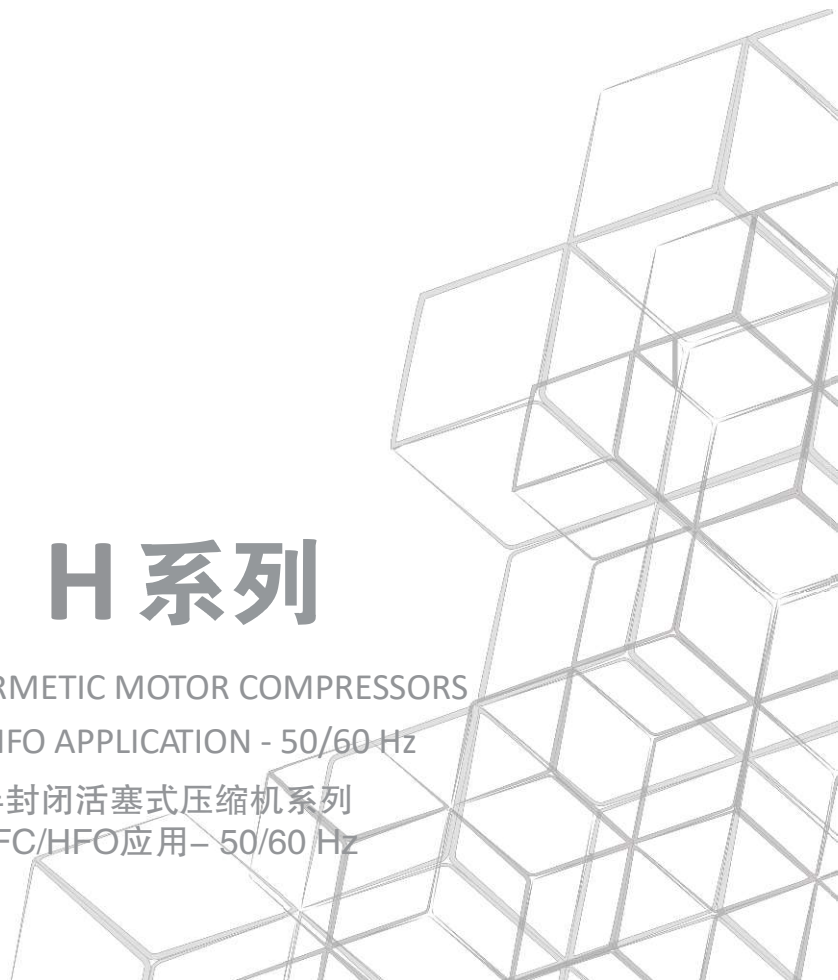
H 系列

SEMI-HERMETIC MOTOR COMPRESSORS

HFC/HFO APPLICATION - 50/60 Hz

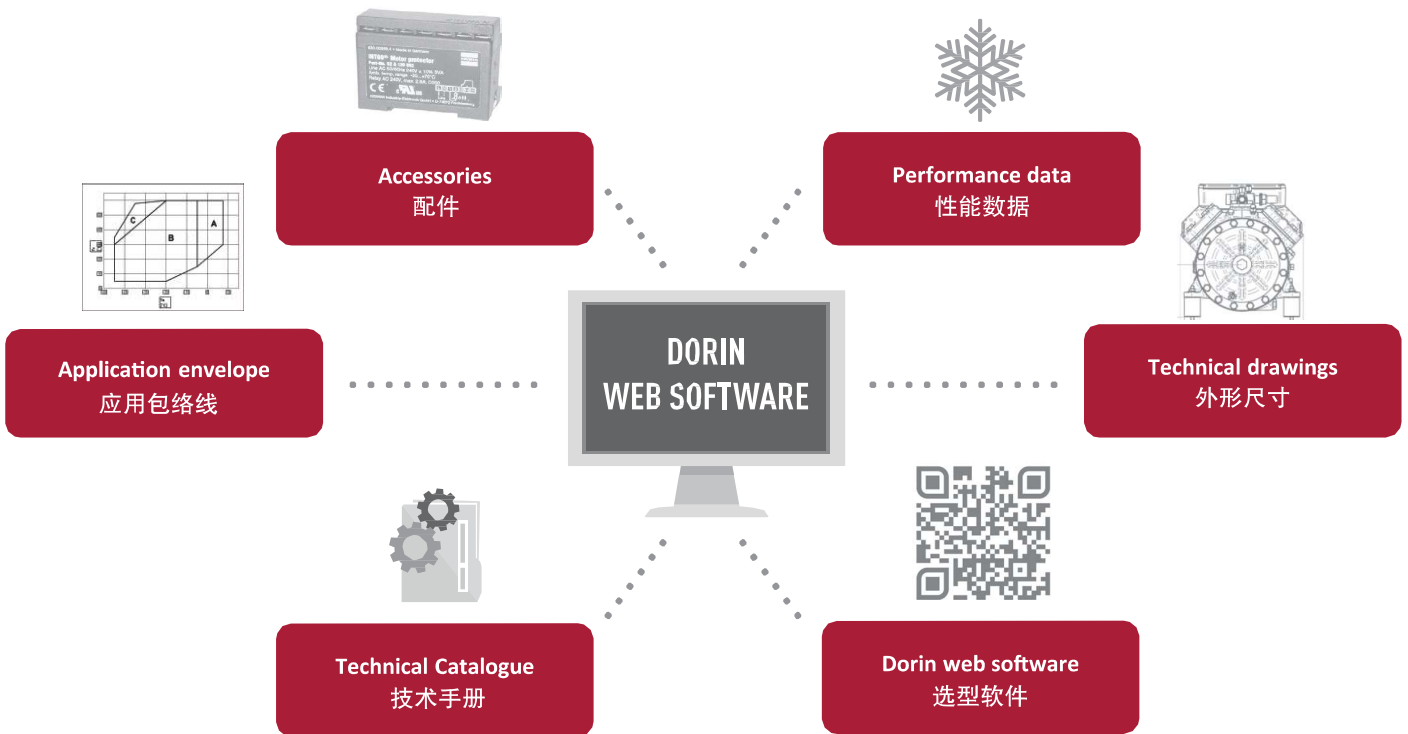
半封闭活塞式压缩机系列

HFC/HFO应用- 50/60 Hz



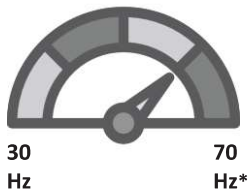
DORIN Web Software

都凌 (在线) 选型软件



Frequency Range

频率范围



* Maximum operating frequency to be checked in the dedicated technical bulletin

* 最大运行频率须参阅专门的技术手册

Refrigerants in DORIN software (GWP - AR4)

制冷剂参照选型软件

	SAFETY GROUP A1 安全组别A1				SAFETY GROUP A2L 安全组别A2L
LT - MT	R404A (3922)	R507A (3985)	R448A (1387)	R449A (1397)	R454C (148)
	R22 (1810)	R407F (1810)	R407A (1825)	R452A (2140)	R455A (148)
MT - HT	R134A (1430)	R513A (631)	R450A (604)	R407C (1774)	

For all the refrigerants not available in the software please contact DORIN for the calculations

对于选型软件未涉及的制冷剂，请联系Dorin都凌技术人员获得相关性能数据。

Factory certifications

都凌工厂认证

ISO 45001:2018

ISO 9001:2015

Compressor certifications

都凌压缩机认证



H SERIES Features

H系列产品特点



Silent operations and low vibrations

运行安静流畅，振动水平低

Crankshafts balanced individually, excellent fluid dynamics studies are our strengths

曲轴能够独立平衡运转，这得益于我们出色的流体动力学研究



All models VFD compatible

所有型号可变频运行

Bore / Stroke values and motors with extra tolerance to high temperature allow wide frequency ranges

电机、缸径、行程的优化配比使之可以实现宽频运行



Highest levels of efficiency

优异的运行效率

Using latest coating technologies for reducing frictions and improving lubrication

采用最新的涂层技术来减少摩擦和改善润滑



Patented oil containment system for extra low oil carry-over for models with oil pump

专利认证的油气分离系统，可显著降低带油泵型号的带油率

Higher system efficiency, less oil injections from the oil-separator for higher oil viscosity in the compressor sump

更高的系统效率。油分离器中的润滑油量大幅减少，压缩机中油的粘度得以提高



2 years standard warranty

两年标准质保



All compressors suitable for HFC & HFO

所有H系列型号均适用于HFC-HFO



Salt spray resistance test, certified for 1000 hours (NSS test in accordance with UNI EN ISO 4628, parts 2,3,8- Assesment method : UNI EN ISO 9227

耐盐雾1000小时测试，认证（NSS测试符合UNI EN ISO 4628，第2、3、8部分-评估方法：UNI EN ISO 9227）



Small foot print and reduced gross weight

轻量化和紧凑的设计

Optimized displacement values for crankcase size

根据曲轴箱大小对应的最优排量

H SERIES Technical Features Features

H 系列产品特点

1 Extra reliability and efficiency of optimised valve plate design

最优化的阀板设计保证可靠性和效率

2 IP65 junction box

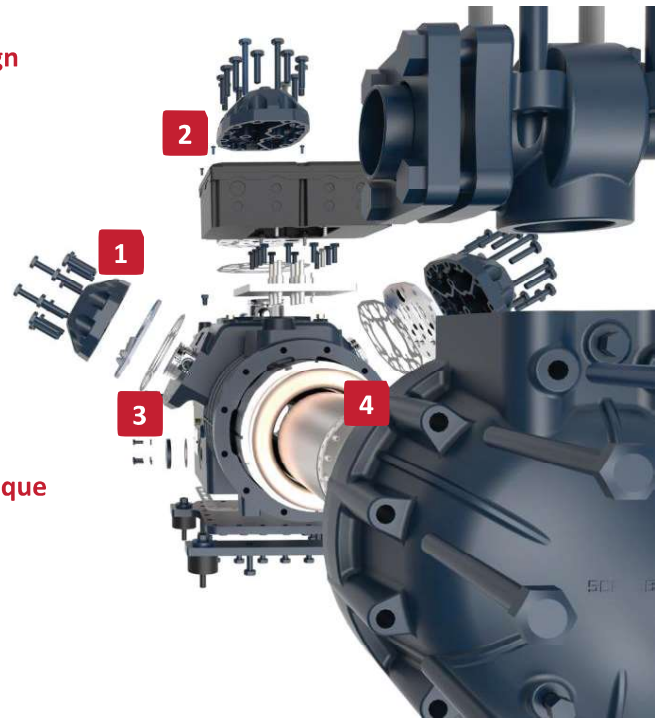
防护等级IP65的电气接线盒

3 Forced lubrication up to the wrist pin for the models with oil pump

带油泵的型号，强制润滑到活塞销

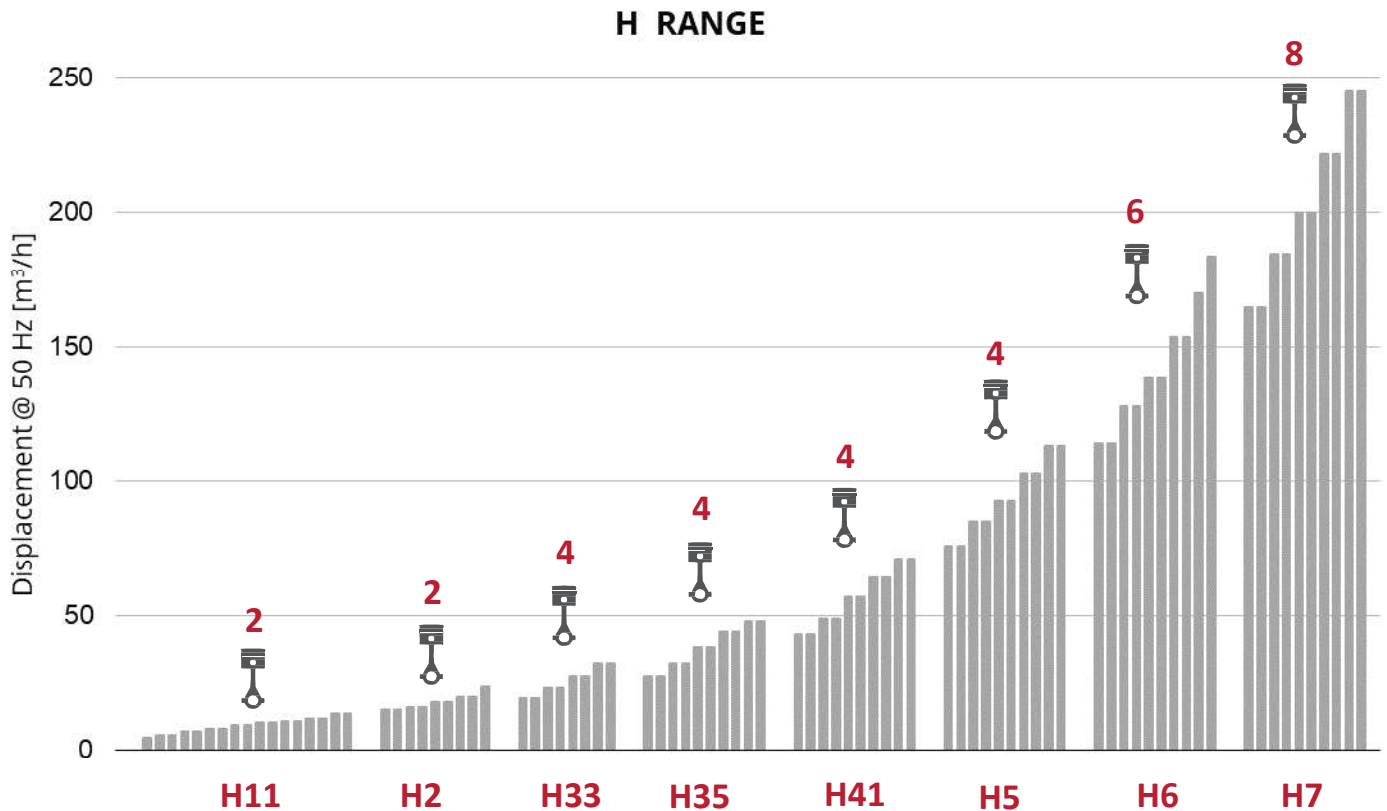
4 Proven reliability of the electric motor thanks to the unique resistance to high temperatures

由于独特的耐高温设计，电机的可靠性得到了保障



H range - Displacement

H 系列 - 排量



THE WIDEST COMPRESSOR RANG IN THE MARKET
 FROM 4,42m³/h TO 244,78m³/h@50Hz
 FROM 0,5 TO 90 HORSE POWER
 市面上最广的压缩机排量 从4.42 m³/h到244.78 m³/h @ 50 Hz
 从0.5到90 Hp

Model name

型号命名

	VALID FOR 适用于以下制冷剂 R134a / R450A / R513A / R1234ze	VALID FOR ALL THE OTHER REFRIGERANTS 适用于其它制冷剂
H101	C	C
MODEL 型号	C HIGH-MEDIUM-LOW EVAPORATING TEMPERATURE C 低-中-高蒸发温度	
	S MEDIUM-LOW EVAPORATING TEMPERATURE S 中-低蒸发温度	
	B LOW EVAPORATING TEMPERATURE B 低蒸发温度	

Application H SERIES

H系列应用领域



Industrial Refrigeration
工业制冷



Railway Business
轨道交通



Logistic center
物流中心



Marine Application
船舶应用



Ice - Cream
冰激凌行业



A/C
空调领域





Refrigerated transport
冷链运输



Retail
商超制冷

Standard and Optional Accessories

标配件和选配件

		MODEL 型号							
● STANDARD 标配 ○ OPTIONAL 选配		H11	H2	H33	H35	H41	H5	H6	H7
	<p>Motor Protection (MT) 电机保护 (MT)</p> <p>Compressors are equipped with a PTC probe installed on every motor winding set at 120°C, combined with electronic protection module (REL) 压缩机的每个电机绕组都装有一个PTC探头，设定在120°C与电机保护模块合并。</p>	●	●	●	●	●	●	●	●
	<p>Electronic Protection Module (REL) 电子保护模块 (REL)</p> <p>Keeping under constant control winding temperature and discharge temperature (only for H5, H6, H7) (BT007) 确保电机绕组温度和压缩机排气温度在允许温度内</p>	●	●	●	●	●	●	●	●
	<p>Crankcase Heater (CH) 曲轴箱加热器 (CH)</p> <p>The heater is 100 W up to H41 included and 200 W for H5/H6/H7 series (BT001) H41及以下系列加热器的功率为100W，H5 / H6 / H7 系列加热器的功率为 200W。 (参见技术手册BT001)</p>	○	○	○	○	○	○	○	○
	<p>Self-regulating crankcase heater (TCH) 自适应曲轴箱加热器</p> <p>Increasing the energy efficiency and reducing the warm-up time. The thermal regulated crankcase heater reduces the output power once the set temperature is reached. Depending on the working conditions there is up to 30% energy saving compared to the standard heater (BT001) 与传统加热器相比，自适应曲轴箱加热器可提高能效并减少预热时间。一旦达到设定温度，自适应曲轴箱加热器会降低输出功率。节能情况视不同工况而变，与传统的曲轴箱加热器相比，最多可节省 30% 的耗能。(参见技术手册 BT001)</p>	○	○	○	○	○	○	○	○
	<p>Maximum discharge temperature sensor (TMAX) 最高排气温度PTC(TMAX)</p> <p>A thermistor probe is monitoring the discharge temperature to be kept below 130°C (BT007) PTC监控压缩机排气温度，确保其保持在 130 ° C 以下。(参见技术手册BT007)</p>						●	●	●

Standard and Optional Accessories

标配件与选配件

		MODEL 型号							
		H11	H2	H33	H35	H41	H5	H6	H7
	<p>● STANDARD 标配 ○ OPTIONAL 选配</p> <p>Oil differential pressure switch (ODPS) 电子油压差开关 (ODPS)</p> <p>Compressors with oil pump are equipped with an oil differential pressure switch set to 0,85 bar which must be connected in series with all other compressors protections (see BT007)</p> <p>带油泵的压缩机配备了一个油压差开关，设定在0.85bar的压差，油压差开关必须与所有其它保护装置连接 (BT007)</p>						●	●	●
	<p>Optical oil level sensor (ALL) 电子油位传感器</p> <p>Compressors with 4 cylinders and without oil pump can be equipped with an optical oil level sensor, which can be installed in a dedicated hole placed in in correspondence to the internal oil pocket. The sensor is based on an infrared LED and a light receiver. Infrared reflection/refraction depends on the oil level in the pocket (BT007)</p> <p>4缸无油泵的压缩机机型可选配光学油位传感器，安装在与内部油槽相对应的专用孔中，该传感器基于红外LED和光接收器工作，红外反射/折射取决于油槽中的油位。(参见技术手册BT007)</p>			○	○	○			
	<p>Oil charge 冷冻油充注</p> <p>All compressors are charged in the factory with POE or mineral oil before the mechanical and electrical running tests</p> <p>标配POE冷冻油</p>	●	●	●	●	●	●	●	●
	<p>Water cooled head (WH) 水冷缸头 (WU)</p> <p>Refer to DORIN software to know when this is needed (BT006)</p> <p>请查看 DORIN选型软件以了解什么工况下需选用此配件。(参见技术手册BT006)</p>	○	○	○	○	○	○	○	○
	<p>Head fan (BF) 缸头风扇</p> <p>Refer to DORIN software to know when this is needed (BT006)</p> <p>请查看都凌型软件以了解什么工况下需选用此配件。(参见技术手册BT006)</p>	○	○	○	○	○	○	○	○

Standard and Optional Accessories

标配件与选配件

		MODEL 型号							
● STANDARD 标配 ○ OPTIONAL 选配		H11	H2	H33	H35	H41	H5	H6	H7
 	<p>Three phase to single phase kit / 三项转单项装置</p> <p>H11 range up to H281CC can be assembled with 1ph electric motor instead of the standard 3ph and Dorin provides a kit with the capacitors and the relays (electric data of the 1ph motors at page 9 and 11). Another option is represented by this electronic module, used to connect a 3ph compressor to 1ph power line. The module allows soft start and variable frequency</p> <p>H11系列中H281CC及以下的压缩机机型可配置单项电机代替三项电机，都凌为本电子模块提供启动和运行电容器和继电器，（单项电机的数据在第9页和第11页）。本电子模块代表了另一种选择，即使用这个模块可将标配的三项电机压缩机连接到单项电源，该模块还包含软启动和变频功能。</p>	○							
	<p>Inverter 变频器</p> <p>Any model in the H range can be equipped with inverter to work at variable speed from 30 Hz until 70 Hz. Each inverter is preset in the factory for an easy installation. Additional info on the compressors working with inverter can be found in the dedicated technical bulletin</p> <p>H系列所有型号均可配置可变频器使用，可在30Hz-70Hz之间变频工作，变频器参数在工厂预设置，方便安装使用。有关压缩机变频器操作的更多信息。请参考专门的技术手册</p>		○	○	○	○	○	○	○
	<p>Capacity control head (CR) 能调头</p> <p>A mechanical capacity control system can be applied on compressors from 4 cylinders and above (BT002)</p> <p>4缸及以上的压缩机可配置能调头</p>			○	○	○	○	○	○
	<p>Stepless capacity control (SLCR) 无级能调头</p> <p>10-100% stepless modulation of the capacity is possible by using a special high-frequency pulsating valve in connection with a dedicated mechanical capacity control head system (BT022)</p> <p>通过使用一种特殊的高频脉动阀与专用的能调头系统（BT022）相连，可以实现10-100%的无级能调头。</p>			○	○	○	○	○	○
	<p>Unloaded start (US) 卸载启动</p> <p>With a part-winding start system it is seldom used the unloaded start for bypassing the suction with the discharge, reducing significantly the absorbed inrush current (BT009)</p> <p>在分线圈启动的系统中，通常使用卸载启动（通过旁通排气到吸气端），来显著降低启动电流。（参见技术手册BT009）</p>			○	○	○	○	○	○
	<p>Suction and discharge service valves 吸气/排气阀</p>	●	●	●	●	●	●	●	●

Oil Charge / Service Valves / Net Weight

注油量/吸排气阀/净重

RANGE 系列	MODEL 型号	CYLINDERS 缸数	OIL CHARGE 注油量	SUCTION 吸气	DISCHARGE 排气	NET WEIGHT 净重
		[-]	(liters)	SL [mm]	DL [mm]	[kg]
H11	H51CS	2	1,0	12s	12s	35
	H80CC	2	1,0	12s	12s	36
	H80CS	2	1,0	16s	12s	36
	H101CC	2	1,0	16s	12s	37
	H101CS	2	1,0	16s	12s	37
	H151CC	2	1,0	16s	12s	38
	H151CS	2	1,0	16s	12s	38
	H181CC	2	1,0	16s	12s	39
	H181CS	2	1,0	16s	12s	39
	H201CC	2	1,0	16s	12s	40
	H201CS	2	1,0	18s	16s	40
	H221CC	2	1,0	18s	16s	41
	H221CS	2	1,0	18s	16s	41
	H251CC	2	1,0	18s	16s	41
	H251CS	2	1,0	18s	16s	41
	H281CC	2	1,0	18s	16s	43
H281SB	2	1,0	18s	16s	44	
H281CS	2	1,0	18s	16s	44	
H2	H290CS	2	1,4	22s	16s	54
	H300CC	2	1,4	22s	16s	54
	H300CS	2	1,4	28s	16s	54
	H350CC	2	1,4	28s	16s	54
	H350SB	2	1,4	28s	16s	54
	H380CC	2	1,4	28s	16s	56
	H380SB	2	1,4	28s	16s	56
	H390CS	2	1,4	28s	16s	56
	H392CS	2	1,4	28s	16s	56
H33	H355CS	4	1,8	22s	16s	77
	H405CC	4	1,8	22s	16s	77
	H405CS	4	1,8	28s	16s	78
	H505CC	4	1,8	28s	16s	78
	H505CS	4	1,8	28s	18s	78
	H705CC	4	1,8	28s	18s	78
	H705CS	4	1,8	28s	18s	78
H755CC	4	1,8	28s	18s	78	
H35	H551CS	4	2,0	28s	22s	91
	H701CC	4	2,0	28s	22s	91
	H701CS	4	2,0	28s	22s	91
	H751CC	4	2,0	28s	22s	91
	H751CS	4	2,0	35s	22s	91
	H1002CC	4	2,0	35s	22s	99
	H801CS	4	2,0	35s	22s	91
	H1003CC	4	2,0	35s	22s	99
	H901CS	4	2,0	35s	22s	99
	H1151CC	4	2,0	35s	22s	101

RANGE 系列	MODEL 型号	CYLINDERS 缸数	OIL CHARGE 注油量	SUCTION 吸气	DISCHARGE 排气	NET WEIGHT 净重
		[-]	(liters)	SL [mm]	DL [mm]	[kg]
H41	H851CS	4	2,5	35s	28s	125
	H1201CC	4	2,5	35s	28s	130
	H1001CS	4	2,5	35s	28s	127
	H1501CC	4	2,5	42s	28s	131
	H1501CS	4	2,5	35s	28s	127
	H2001CC	4	2,5	42s	28s	131
	H1601CS	4	2,5	42s	28s	134
	H2201CC	4	2,5	42s	28s	136
	H2201CS	4	2,5	42s	28s	134
	H2401CC	4	2,5	42s	28s	136
	H5	H2000CS	4	3,5	42s	28s
H2500CC		4	3,5	54s	28s	185
H2500CS		4	3,5	54s	28s	185
H3000CC		4	3,5	54s	28s	199
H2700CS		4	3,5	54s	35s	200
H3200CC		4	3,5	54s	35s	205
H2900CS		4	3,5	54s	35s	205
H3400CC		4	3,5	54s	35s	205
H3001CS		4	3,5	54s	35s	205
H3501CC		4	3,5	54s	35s	205
H6	H3000CS	6	3,5	54s	35s	235
	H3500CC	6	3,5	54s	35s	246
	H3500CS	6	3,5	54s	35s	233
	H4000CC	6	3,5	54s	35s	249
	H4000CS	6	3,5	54s	42s	244
	H4500CC	6	3,5	54s	42s	252
	H4500CS	6	3,5	54s	42s	253
	H5000CC	6	3,5	54s	42s	253
	H5001CS	6	3,5	54s	42s	253
	H7	H5000CS	8	8,5	66s	42s
H5500CC		8	8,5	66s	42s	355
H5500CS		8	8,5	80s	42s	350
H6000CC		8	8,5	80s	42s	355
H6000CS		8	8,5	80s	42s	355
H7500CC		8	8,5	80s	42s	357
H7501CS		8	8,5	80s	54s	355
H8001CC		8	8,5	80s	54s	357
H8000CS		8	8,5	80s	54s	360
H9000CC		8	8,5	80s	54s	366

Electric Motor FLA (Full Load Ampere)

电子最大运行电流 (满载电流)

RANGE / 系列	MODEL / 型号	DISPLACEMENT 排气量		MAX OPERATING CURRENT / 最大工作电流 V / ph / Hz [A]												MAX ABSORBED POWER 最大输入功率	
		50 Hz	60 Hz	220-240 / 1 / 50	208-230 / 1 / 60	220-240 / 3 / 50 265-290 / 3 / 60 D	380-420 / 3 / 50 440-480 / 3 / 60 Y	208-230 / 3 / 60 D	360-400 / 3 / 60 Y	200 / 3 / 50-60 D	380-420 / 3 / 50 440-480 / 3 / 60 PWS	200-240 / 3 / 50 PWS	208-230 / 3 / 60 PWS	360-400 / 3 / 60 PWS	475-525 / 3 / 50 570-630 / 3 / 60	50 Hz [kW]	60 Hz [kW]
		[m3/h]	[m3/h]														
H11	H51CS	4,42	5,30	7,5	9,0	3,1	1,8	3,7	2,2	4,3	-	-	-	-	1,4	1,0	1,2
	H80CC	4,42	5,30	7,5	9,0	4,2	2,4	5,0	2,9	5,7	-	-	-	-	1,9	1,3	1,6
	H80CS	5,37	6,44	7,5	9,0	4,2	2,4	5,0	2,9	5,7	-	-	-	-	1,9	1,3	1,6
	H101CC	5,37	6,44	9,0	10,8	5,0	2,9	6,0	3,5	6,9	-	-	-	-	2,3	1,6	1,9
	H101CS	6,71	8,05	9,0	10,8	5,0	2,9	6,0	3,5	6,9	-	-	-	-	2,3	1,6	1,9
	H151CC	6,71	8,05	13,5	16,2	5,9	3,4	7,1	4,1	8,1	-	-	-	-	2,7	2,0	2,4
	H151CS	7,50	9,00	13,5	16,2	5,9	3,4	7,1	4,1	8,1	-	-	-	-	2,7	2,0	2,4
	H181CC	7,50	9,00	15,0	18,0	7,6	4,4	9,1	5,3	10,5	-	-	-	-	3,5	2,6	3,2
	H181CS	9,16	10,99	15,0	18,0	7,6	4,4	9,1	5,3	10,5	-	-	-	-	3,5	2,6	3,2
	H201CC	9,16	10,99	15,0	18,0	10,4	6,0	12,5	7,2	14,4	-	-	-	-	4,8	3,6	4,4
	H201CS	9,88	11,86	15,0	18,0	7,6	4,4	9,1	5,3	10,5	-	-	-	-	3,5	2,6	3,2
	H221CC	9,88	11,86	19,0	23,0	10,4	6,0	12,5	7,2	14,4	-	-	-	-	4,8	3,6	4,4
	H221CS	10,61	12,73	19,0	23,0	10,4	6,0	12,5	7,2	14,4	-	-	-	-	4,8	3,6	4,4
	H251CC	10,61	12,73	19,0	23,0	12,6	7,3	15,1	8,7	17,4	-	-	-	-	5,8	4,2	5,1
	H251CS	11,64	13,97	19,0	23,0	10,4	6,0	12,5	7,2	14,4	-	-	-	-	4,8	3,6	4,4
	H281CC	11,64	13,97	21,0	25,0	12,6	7,3	15,1	8,7	17,4	-	-	-	-	5,8	4,2	5,1
H281SB	13,23	15,88	-	-	10,4	6,0	12,5	7,2	14,4	-	-	-	-	4,8	3,6	4,4	
H281CS	13,23	15,88	-	-	12,6	7,3	15,1	8,7	17,4	-	-	-	-	5,8	4,2	5,1	
H2	H290CS	14,74	17,69	-	-	12,9	7,5	15,5	8,9	17,8	-	-	-	-	6,0	4,4	5,3
	H300CC	14,74	17,69	-	-	16,2	9,4	19,4	11,2	22,5	-	-	-	-	7,5	5,5	6,6
	H300CS	15,94	19,13	-	-	12,9	7,5	15,5	8,9	17,8	-	-	-	-	6,0	4,4	5,3
	H350CC	15,94	19,13	-	-	16,2	9,4	19,4	11,2	22,5	-	-	-	-	7,5	5,5	6,6
	H350SB	17,53	21,04	-	-	12,9	7,5	15,5	8,9	17,8	-	-	-	-	6,0	4,4	5,3
	H380CC	17,53	21,04	-	-	16,2	9,4	19,4	11,2	22,5	-	-	-	-	7,5	5,5	6,6
	H380SB	19,53	23,43	-	-	12,9	7,5	15,5	8,9	17,8	-	-	-	-	6,0	4,4	5,3
	H390CS	19,53	23,43	-	-	16,2	9,4	19,4	11,2	22,5	-	-	-	-	7,5	5,5	6,6
	H392CS	23,31	27,97	-	-	19,5	11,3	23,5	13,5	27,0	-	-	-	-	9,0	4,6	5,5
H33	H355CS	19,29	23,14	-	-	18,1	10,5	21,5	12,6	25,0	10,5	-	-	-	8,4	6,2	7,4
	H405CC	19,29	23,14	-	-	25,0	14,5	30,0	17,4	34,5	14,5	-	-	-	11,6	8,7	10,5
	H405CS	23,13	27,76	-	-	18,1	10,5	21,5	12,6	25,0	10,5	-	-	-	8,4	6,2	7,4
	H505CC	23,13	27,76	-	-	25,0	14,5	30,0	17,4	34,5	14,5	-	-	-	11,6	8,7	10,5
	H505CS	27,33	32,80	-	-	25,0	14,5	30,0	17,4	34,5	14,5	-	-	-	11,6	8,7	10,5
	H705CC	27,33	32,80	-	-	34,0	19,5	41,0	23,5	47,0	19,5	-	-	-	15,6	11,4	13,7
	H705CS	31,88	38,26	-	-	25,0	14,5	30,0	17,4	34,5	14,5	-	-	-	11,6	8,7	10,5
	H755CC	31,88	38,26	-	-	34,0	19,5	41,0	23,5	47,0	19,5	-	-	-	15,6	11,4	13,7
H35	H551CS	27,33	32,80	-	-	25,0	14,5	30,0	17,4	34,5	14,5	-	-	-	11,6	8,7	10,5
	H701CC	27,33	32,80	-	-	34,0	19,5	41,0	23,5	47,0	19,5	-	-	-	15,6	11,4	13,7
	H701CS	31,88	38,26	-	-	25,0	14,5	30,0	17,4	34,5	14,5	-	-	-	11,6	8,7	10,5
	H751CC	31,88	38,26	-	-	34,0	19,5	41,0	23,5	47,0	19,5	-	-	-	15,6	11,4	13,7
	H751CS	38,06	45,67	-	-	34,0	19,5	41,0	23,5	47,0	19,5	-	-	-	15,6	11,4	13,7
	H1002CC	38,06	45,67	-	-	40,0	23,0	48,0	27,5	55,0	23,0	-	-	-	18,4	13,8	16,6
	H801CS	43,73	52,48	-	-	34,0	19,5	41,0	23,5	47,0	19,5	-	-	-	15,6	11,4	13,7
	H1003CC	43,73	52,48	-	-	40,0	23,0	48,0	27,5	55,0	23,0	-	-	-	18,4	13,8	16,6
	H901CS	47,80	57,36	-	-	40,0	23,0	48,0	27,5	55,0	23,0	-	-	-	18,4	13,8	16,6
	H1151CC	47,80	57,36	-	-	43,0	25,0	52,0	30,0	60,0	25,0	-	-	-	20,0	15,3	18,4

Electric Motor FLA (Full Load Ampere)

电子最大运行电流 (满载电流)

RANGE 系列	MODEL 型号	DISPLACEMENT 排气量		MAX OPERATING CURRENT / 最大工作电流 V / ph / Hz [A]													MAX ABSORBED POWER 最大输入功率	
		50 Hz	60 Hz	220-240 / 1 / 50	208-230 / 1 / 60	220-240 / 3 / 50 265-290 / 3 / 60 D	380-420 / 3 / 50 440-480 / 3 / 60 Y	208-230 / 3 / 60 D	360-400 / 3 / 60 Y	200 / 3 / 50-60 D	380-420 / 3 / 50 440-480 / 3 / 60 PWS	200-240 / 3 / 50 PWS	208-230 / 3 / 60 PWS	360-400 / 3 / 60 PWS	475-525 / 3 / 50 570-630 / 3 / 60	50 Hz [kW]	60 Hz [kW]	
		[m3/h]	[m3/h]															
H41	H851CS	42,81	51,38	-	-	34,5	20,0	41,5	24,0	-	20,0	34,5	41,5	24,0	16,0	11,7	14,1	
	H1201CC	42,81	51,38	-	-	48,5	28,0	58,0	33,5	-	28,0	48,5	58,0	33,5	22,5	16,8	20,2	
	H1001CS	48,82	58,58	-	-	41,5	24,0	50,0	29,0	-	24,0	41,5	50,0	29,0	19,2	14,5	17,4	
	H1501CC	48,82	58,58	-	-	59,0	34,0	71,0	41,0	-	34,0	59,0	71,0	41,0	27,0	19,5	23,4	
	H1501CS	56,87	68,25	-	-	48,5	28,0	58,0	33,5	-	28,0	48,5	58,0	33,5	22,5	16,8	20,2	
	H2001CC	56,87	68,25	-	-	66,0	38,0	79,0	45,5	-	38,0	66,0	79,0	45,5	30,5	22,7	27,2	
	H1601CS	63,76	76,51	-	-	59,0	34,0	71,0	41,0	-	34,0	59,0	71,0	41,0	27,0	19,5	23,4	
	H2201CC	63,76	76,51	-	-	78,0	45,0	93,0	54,0	-	45,0	78,0	93,0	54,0	36,0	26,6	31,9	
	H2201CS	70,84	85,01	-	-	66,0	38,0	79,0	45,5	-	38,0	66,0	79,0	45,5	30,5	22,7	27,2	
	H2401CC	70,84	85,01	-	-	78,0	45,0	93,0	54,0	-	45,0	78,0	93,0	54,0	36,0	26,6	31,9	
H5	H2000CS	75,83	91,00	-	-	66,0	38,0	79,0	45,5	-	38,0	66,0	79,0	45,5	30,5	22,7	27,2	
	H2500CC	75,83	91,00	-	-	83,0	48,0	100,0	58,0	-	48,0	83,0	99,6	57,6	38,5	28,5	34,2	
	H2500CS	85,01	102,02	-	-	78,0	45,0	93,0	54,0	-	45,0	78,0	93,0	54,0	36,0	26,6	31,9	
	H3000CC	85,01	102,02	-	-	97,0	56,0	116,0	67,0	-	56,0	97,0	116,0	67,0	45,0	33,4	40,1	
	H2700CS	92,25	110,69	-	-	83,0	48,0	100,0	58,0	-	48,0	83,0	99,6	57,6	38,5	28,5	34,2	
	H3200CC	92,25	110,69	-	-	104,0	60,0	125,0	72,0	-	60,0	104,0	125,0	72,0	48,0	35,2	42,3	
	H2900CS	102,35	122,82	-	-	97,0	56,0	116,0	67,0	-	56,0	97,0	116,0	67,0	45,0	33,4	40,1	
	H3400CC	102,35	122,82	-	-	104,0	60,0	125,0	72,0	-	60,0	104,0	125,0	72,0	48,0	35,2	42,3	
	H3001CS	112,97	135,57	-	-	97,0	56,0	116,0	67,0	-	56,0	97,0	116,0	67,0	45,0	33,4	40,1	
	H3501CC	112,97	135,57	-	-	104,0	60,0	125,0	72,0	-	60,0	104,0	125,0	72,0	48,0	35,2	42,3	
H6	H3000CS	113,74	136,49	-	-	103,9	60,0	124,7	72,0	-	60,0	103,9	124,7	72,0	48,0	35,9	43,1	
	H3500CC	113,74	136,49	-	-	114,3	66,0	137,2	79,2	-	66,0	114,3	137,2	79,2	52,8	39,3	47,1	
	H3500CS	127,52	153,02	-	-	103,9	60,0	124,7	72,0	-	60,0	103,9	124,7	72,0	48,0	35,9	43,1	
	H4000CC	127,52	153,02	-	-	129,9	75,0	155,9	90,0	-	75,0	129,9	155,9	90,0	60,0	45,5	54,6	
	H4000CS	138,37	166,04	-	-	114,3	66,0	137,2	79,2	-	66,0	114,3	137,2	79,2	52,8	39,3	47,1	
	H4500CC	138,37	166,04	-	-	145,5	84,0	174,6	100,8	-	84,0	145,5	174,6	100,8	67,2	51,1	61,4	
	H4500CS	153,52	184,22	-	-	129,9	75,0	155,9	90,0	-	75,0	129,9	155,9	90,0	60,0	45,5	54,6	
	H5000CC	153,52	184,22	-	-	161,1	93,0	193,3	111,6	-	93,0	161,1	193,3	111,6	74,4	56,6	67,9	
	H5001CS	169,46	203,35	-	-	161,1	93,0	193,3	111,6	-	93,0	161,1	193,3	111,6	74,4	56,6	67,9	
	H7	H5000CS	164,30	197,16	-	-	155,9	90,0	187,1	108,0	-	90,0	155,9	187,1	108,0	72,0	52,9	63,4
H5500CC		164,30	197,16	-	-	181,9	105,0	218,2	126,0	-	105,0	181,9	218,2	126,0	84,0	60,2	72,2	
H5500CS		184,19	221,03	-	-	181,9	105,0	218,2	126,0	-	105,0	181,9	218,2	126,0	84,0	60,2	72,2	
H6000CC		184,19	221,03	-	-	207,8	120,0	249,4	144,0	-	120,0	207,8	249,4	144,0	96,0	69,1	82,9	
H6000CS		199,86	239,83	-	-	181,9	105,0	218,2	126,0	-	105,0	181,9	218,2	126,0	84,0	60,2	72,2	
H7500CC		199,86	239,83	-	-	256,3	148,0	307,6	177,6	-	148,0	256,3	307,6	177,6	118,4	85,8	103,0	
H7501CS		221,75	266,10	-	-	207,8	120,0	249,4	144,0	-	120,0	207,8	249,4	144,0	96,0	69,1	82,9	
H8001CC		221,75	266,10	-	-	256,3	148,0	307,6	177,6	-	148,0	256,3	307,6	177,6	118,4	85,8	103,0	
H8000CS		244,78	293,74	-	-	207,8	120,0	249,4	144,0	-	120,0	207,8	249,4	144,0	96,0	69,1	82,9	
H9000CC		244,78	293,74	-	-	256,3	148,0	307,6	177,6	-	148,0	256,3	307,6	177,6	118,4	85,8	103,0	

Standard version of the motor / contact our technical service for operating conditions not present in the catalog
非标准电机咨询技术部门

Electric Motor LRA (Locked Rotor Ampere)

锁定转子电流LRA(堵转电流)

RANGE 系列	MODEL 型号	DISPLACEMENT 排气量		LOCKED ROTOR CURRENT / 锁定转子电流 V / ph / Hz [A]											
		50 Hz	60 Hz	220-240 / 1 / 50	208-230 / 1 / 60	220-240 / 3 / 50 265-290 / 3 / 60 D	380-420 / 3 / 50 440-480 / 3 / 60 Y	208-230 / 3 / 60 D	360-400 / 3 / 60 Y	200 / 3 / 50-60 D	380-420 / 3 / 50 440-480 / 3 / 60 PWS	200-240 / 3 / 50 PWS	208-230 / 3 / 60 PWS	360-400 / 3 / 60 PWS	475-525 / 3 / 50 570-630 / 3 / 60
		[m3/h]	[m3/h]												
H11	H51CS	4,42	5,30	31,0	37,0	16,0	9,0	19,0	11,0	19,0	-	-	-	-	7,0
	H80CC	4,42	5,30	31,0	37,0	19,0	11,0	23,0	13,0	23,0	-	-	-	-	9,0
	H80CS	5,37	6,44	31,0	37,0	19,0	11,0	23,0	13,0	23,0	-	-	-	-	9,0
	H101CC	5,37	6,44	47,0	56,0	24,0	14,0	29,0	17,0	29,0	-	-	-	-	11,0
	H101CS	6,71	8,05	47,0	56,0	24,0	14,0	29,0	17,0	29,0	-	-	-	-	11,0
	H151CC	6,71	8,05	73,0	88,0	27,0	16,0	33,0	19,0	33,0	-	-	-	-	12,0
	H151CS	7,50	9,00	73,0	88,0	27,0	16,0	33,0	19,0	33,0	-	-	-	-	12,0
	H181CC	7,50	9,00	81,0	97,0	35,0	20,0	42,0	24,0	42,0	-	-	-	-	16,0
	H181CS	9,16	10,99	81,0	97,0	35,0	20,0	42,0	24,0	42,0	-	-	-	-	16,0
	H201CC	9,16	10,99	81,0	97,0	42,0	25,0	51,0	30,0	51,0	-	-	-	-	20,0
	H201CS	9,88	11,86	81,0	97,0	35,0	20,0	42,0	24,0	42,0	-	-	-	-	16,0
	H221CC	9,88	11,86	91,0	109,0	42,0	25,0	51,0	30,0	51,0	-	-	-	-	20,0
	H221CS	10,61	12,73	91,0	109,0	42,0	25,0	51,0	30,0	51,0	-	-	-	-	20,0
	H251CC	10,61	12,73	91,0	109,0	55,0	32,0	66,0	39,0	66,0	-	-	-	-	26,0
	H251CS	11,64	13,97	91,0	109,0	42,0	25,0	51,0	30,0	51,0	-	-	-	-	20,0
	H281CC	11,64	13,97	91,0	109,0	55,0	32,0	66,0	39,0	66,0	-	-	-	-	26,0
H281SB	13,23	15,88	-	-	42,0	25,0	51,0	30,0	51,0	-	-	-	-	20,0	
H281CS	13,23	15,88	-	-	55,0	32,0	66,0	39,0	66,0	-	-	-	-	26,0	
H2	H290CS	14,74	17,69	-	-	59,0	34,0	71,0	41,0	71,0	-	-	-	-	27,0
	H300CC	14,74	17,69	-	-	76,0	44,0	91,0	52,0	91,0	-	-	-	-	35,0
	H300CS	15,94	19,13	-	-	59,0	34,0	71,0	41,0	71,0	-	-	-	-	27,0
	H350CC	15,94	19,13	-	-	76,0	44,0	91,0	52,0	91,0	-	-	-	-	35,0
	H350SB	17,53	21,04	-	-	59,0	34,0	71,0	41,0	71,0	-	-	-	-	27,0
	H380CC	17,53	21,04	-	-	76,0	44,0	91,0	52,0	91,0	-	-	-	-	35,0
	H380SB	19,53	23,43	-	-	59,0	34,0	71,0	41,0	71,0	-	-	-	-	27,0
	H390CS	19,53	23,43	-	-	76,0	44,0	91,0	52,0	91,0	-	-	-	-	35,0
	H392CS	23,31	27,97	-	-	93,0	54,0	112,0	65,0	112,0	-	-	-	-	43,0
H33	H355CS	19,29	23,14	-	-	92,0	53,0	110,0	64,0	110,0	53,0	-	-	-	43,0
	H405CC	19,29	23,14	-	-	109,0	63,0	131,0	76,0	131,0	63,0	-	-	-	50,0
	H405CS	23,13	27,76	-	-	92,0	53,0	110,0	64,0	110,0	53,0	-	-	-	43,0
	H505CC	23,13	27,76	-	-	109,0	63,0	131,0	76,0	131,0	63,0	-	-	-	50,0
	H505CS	27,33	32,80	-	-	109,0	63,0	131,0	76,0	131,0	63,0	-	-	-	50,0
	H705CC	27,33	32,80	-	-	149,0	86,0	179,0	103,0	179,0	86,0	-	-	-	69,0
	H705CS	31,88	38,26	-	-	109,0	63,0	131,0	76,0	131,0	63,0	-	-	-	50,0
	H755CC	31,88	38,26	-	-	149,0	86,0	179,0	103,0	179,0	86,0	-	-	-	69,0
H35	H551CS	27,33	32,80	-	-	109,0	63,0	131,0	76,0	131,0	63,0	-	-	-	50,0
	H701CC	27,33	32,80	-	-	149,0	86,0	179,0	103,0	179,0	86,0	-	-	-	69,0
	H701CS	31,88	38,26	-	-	109,0	63,0	131,0	76,0	131,0	63,0	-	-	-	50,0
	H751CC	31,88	38,26	-	-	149,0	86,0	179,0	103,0	179,0	86,0	-	-	-	69,0
	H751CS	38,06	45,67	-	-	149,0	86,0	179,0	103,0	179,0	86,0	-	-	-	69,0
	H1002CC	38,06	45,67	-	-	159,0	92,0	191,0	110,0	191,0	92,0	-	-	-	74,0
	H801CS	43,73	52,48	-	-	149,0	86,0	179,0	103,0	179,0	86,0	-	-	-	69,0
	H1003CC	43,73	52,48	-	-	159,0	92,0	191,0	110,0	191,0	92,0	-	-	-	74,0
	H901CS	47,80	57,36	-	-	159,0	92,0	191,0	110,0	220,0	92,0	-	-	-	74,0
H1151CC	47,80	57,36	-	-	189,0	109,0	227,0	131,0	261,0	109,0	-	-	-	87,0	

Electric Motor LRA (Locked Rotor Ampere)

锁定转子电流LRA(堵转电流)

RANGE 系列	MODEL 型号	DISPLACEMENT 排气量		LOCKED ROTOR CURRENT / 锁定转子电流 V / ph / Hz [A]											
		50 Hz	60 Hz	220-240 / 1 / 50	208-230 / 1 / 60	220-240 / 3 / 50 265-290 / 3 / 60 D	380-420 / 3 / 50 440-480 / 3 / 60 Y	208-230 / 3 / 60 D	360-400 / 3 / 60 Y	200 / 3 / 50-60 D	380-420 / 3 / 50 440-480 / 3 / 60 PWS	200-240 / 3 / 50 PWS	208-230 / 3 / 60 PWS	360-400 / 3 / 60 PWS	475-525 / 3 / 50 570-630 / 3 / 60
		[m3/h]	[m3/h]												
H41	H851CS	42,81	51,38	-	-	181,0	105,0	217,0	126,0	-	105,0	181,0	217,0	126,0	84,0
	H1201CC	42,81	51,38	-	-	233,0	135,0	280,0	162,0	-	135,0	233,0	280,0	162,0	108,0
	H1001CS	48,82	58,58	-	-	188,0	109,0	226,0	130,0	-	109,0	188,0	226,0	130,0	87,0
	H1501CC	48,82	58,58	-	-	295,0	171,0	354,0	205,0	-	171,0	295,0	354,0	205,0	136,0
	H1501CS	56,87	68,25	-	-	233,0	135,0	280,0	162,0	-	135,0	233,0	280,0	162,0	108,0
	H2001CC	56,87	68,25	-	-	306,0	177,0	367,0	212,0	-	177,0	306,0	367,0	212,0	142,0
	H1601CS	63,76	76,51	-	-	295,0	171,0	354,0	205,0	-	171,0	295,0	354,0	205,0	136,0
	H2201CC	63,76	76,51	-	-	351,0	203,0	421,0	244,0	-	203,0	351,0	421,0	244,0	162,0
	H2201CS	70,84	85,01	-	-	306,0	177,0	367,0	212,0	-	177,0	306,0	367,0	212,0	142,0
H2401CC	70,84	85,01	-	-	351,0	203,0	421,0	244,0	-	203,0	351,0	421,0	244,0	162,0	
H5	H2000CS	75,83	91,00	-	-	306,0	177,0	367,0	212,0	-	177,0	306,0	367,0	212,0	142,0
	H2500CC	75,83	91,00	-	-	351,0	203,0	421,0	244,0	-	203,0	351,0	421,0	244,0	162,0
	H2500CS	85,01	102,02	-	-	351,0	203,0	421,0	244,0	-	203,0	351,0	421,0	244,0	162,0
	H3000CC	85,01	102,02	-	-	424,0	245,0	509,0	294,0	-	245,0	424,0	509,0	294,0	196,0
	H2700CS	92,25	110,69	-	-	351,0	203,0	421,0	244,0	-	203,0	351,0	421,0	244,0	162,0
	H3200CC	92,25	110,69	-	-	450,0	260,0	540,0	312,0	-	260,0	450,0	540,0	312,0	208,0
	H2900CS	102,35	122,82	-	-	424,0	245,0	509,0	294,0	-	245,0	424,0	509,0	294,0	196,0
	H3400CC	102,35	122,82	-	-	450,0	260,0	540,0	312,0	-	260,0	450,0	540,0	312,0	208,0
	H3001CS	112,97	135,57	-	-	424,0	245,0	509,0	294,0	-	245,0	424,0	509,0	294,0	196,0
	H3501CC	112,97	135,57	-	-	450,0	260,0	540,0	312,0	-	260,0	450,0	540,0	312,0	208,0
H6	H3000CS	113,74	136,49	-	-	424,0	245,0	509,0	294,0	-	245,0	424,0	509,0	294,0	196,0
	H3500CC	113,74	136,49	-	-	450,0	260,0	540,0	312,0	-	260,0	450,0	540,0	312,0	208,0
	H3500CS	127,52	153,02	-	-	424,0	245,0	509,0	294,0	-	245,0	424,0	509,0	294,0	196,0
	H4000CC	127,52	153,02	-	-	502,0	290,0	602,0	348,0	-	290,0	502,0	602,0	348,0	232,0
	H4000CS	138,37	166,04	-	-	450,0	260,0	540,0	312,0	-	260,0	450,0	540,0	312,0	208,0
	H4500CC	138,37	166,04	-	-	559,0	323,0	671,0	388,0	-	323,0	559,0	671,0	388,0	258,0
	H4500CS	153,52	184,22	-	-	502,0	290,0	602,0	348,0	-	290,0	502,0	602,0	348,0	232,0
	H5000CC	153,52	184,22	-	-	619,0	358,0	743,0	430,0	-	358,0	619,0	743,0	430,0	286,0
	H5001CS	169,46	203,35	-	-	619,0	358,0	743,0	430,0	-	358,0	619,0	743,0	430,0	286,0
H7	H5000CS	164,30	197,16	-	-	636,0	367,0	763,0	440,0	-	367,0	636,0	763,0	440,0	294,0
	H5500CC	164,30	197,16	-	-	788,0	455,0	946,0	546,0	-	455,0	788,0	946,0	546,0	364,0
	H5500CS	184,19	221,03	-	-	788,0	455,0	946,0	546,0	-	455,0	788,0	946,0	546,0	364,0
	H6000CC	184,19	221,03	-	-	942,0	544,0	1131,0	653,0	-	544,0	942,0	1131,0	653,0	435,0
	H6000CS	199,86	239,83	-	-	788,0	455,0	946,0	546,0	-	455,0	788,0	946,0	546,0	364,0
	H7500CC	199,86	239,83	-	-	1012,0	584,0	1214,0	701,0	-	584,0	1012,0	1214,0	701,0	467,0
	H7501CS	221,75	266,10	-	-	942,0	544,0	1131,0	653,0	-	544,0	942,0	1131,0	653,0	435,0
	H8001CC	221,75	266,10	-	-	1012,0	584,0	1214,0	701,0	-	584,0	1012,0	1214,0	701,0	467,0
	H8000CS	244,78	293,74	-	-	942,0	544,0	1131,0	653,0	-	544,0	942,0	1131,0	653,0	435,0
	H9000CC	244,78	293,74	-	-	1012,0	584,0	1214,0	701,0	-	584,0	1012,0	1214,0	701,0	467,0

Standard version of the motor / contact our technical service for operating conditions not present in the catalog
标准版电机/联系我们的技术销售部门了解目录中未列出的运行条件

H SERIES

Noise Level

噪音水平

RANGE 系列	MODEL 型号	DISPLACEMENT 排气量		SOUND PRESSURE (FREE FIELD) 声压 (分贝)						SOUND POWER 声功率		
				1,8 m			5 m			ISO9614-1 grade 2		
				Te / Tc [°C]			Te / Tc [°C]			Te / Tc [°C]		
		50 Hz	60 Hz	+7 / +50	-10 / +45	-30 / +40	+7 / +50	-10 / +45	-30 / +40	+7 / +50	-10 / +45	-30 / +40
[m³/h]		[dBA]										
H11	H51CS	4,42	5,30			47,8			38,9			63,9
	H80CC	4,42	5,30	46,5			37,6			62,6		
	H80CS	5,37	6,44			48,6			39,7			64,7
	H101CC	5,37	6,44	48,3			39,4			64,4		
	H101CS	6,71	8,05			49,8			40,9			65,9
	H151CC	6,71	8,05	49,2			40,3			65,3		
	H151CS	7,50	9,00			50,1			41,2			66,2
	H181CC	7,50	9,00	49,6			40,7			65,7		
	H181CS	9,16	10,99			50,7			41,8			66,8
	H201CC	9,16	10,99	49,8			40,9			65,9		
	H201CS	9,88	11,86			51,2			42,3			67,3
	H221CC	9,88	11,86	50,0			41,1			66,1		
	H221CS	10,61	12,73			51,8			42,9			67,9
	H251CC	10,61	12,73	51,9			43,0			68,0		
	H251CS	11,64	13,97		49,8	51,8		40,9	42,9		65,9	67,9
	H281CC	11,64	13,97	54,8	53,4	51,8	45,9	44,5	42,9	70,9	69,5	67,9
H281SB	13,23	15,88		53,4	51,8		44,5	42,9		69,5	67,9	
H281CS	13,23	15,88		53,4	51,8		44,5	42,9		69,5	67,9	
H2	H290CS	14,74	17,69			51,9			43,0			68,0
	H300CC	14,74	17,69		51,4	51,9		42,5	43,0		67,5	68,0
	H300CS	15,94	19,13	50,9	51,4		42,0	42,5		67,0	67,5	
	H350CC	15,94	19,13	51,4	51,9		42,5	43,0		67,5	68,0	
	H350SB	17,53	21,04	51,4	51,9		42,5	43,0		67,5	68,0	
	H380CC	17,53	21,04			52,4			43,5			68,5
	H380SB	19,53	23,43	52,9	52,4		44,0	43,5		69,0	68,5	
	H390CS	19,53	23,43			53,4			44,5			69,5
	H392CS	23,31	27,97		53,9	54,4		45,0	45,5		70,0	70,5
H33	H355CS	19,29	23,14		54,4	55,4		45,5	46,5		70,5	71,5
	H405CC	19,29	23,14	55,4	56,4		46,5	47,5		71,5	72,5	
	H405CS	23,13	27,76		55,4	56,9		46,5	48,0		71,5	73,0
	H505CC	23,13	27,76	55,9	56,9		47,0	48,0		72,0	73,0	
	H505CS	27,33	32,80		57,9	58,4		49,0	49,5		74,0	74,5
	H705CC	27,33	32,80		58,4	58,9		49,5	50,0		74,5	75,0
	H705CS	31,88	38,26	57,9	58,4	58,9	49,0	49,5	50,0	74,0	74,5	75,0
	H755CC	31,88	38,26		58,9	59,4		50,0	50,5		75,0	75,5
H35	H551CS	27,33	32,80		57,9	58,4		49,0	49,5		74,0	74,5
	H701CC	27,33	32,80	57,9	58,4	58,9	49,0	49,5	50,0	74,0	74,5	75,0
	H701CS	31,88	38,26		58,4	58,9		49,5	50,0		74,5	75,0
	H751CC	31,88	38,26	58,4	58,9	59,4	49,5	50,0	50,5	74,5	75,0	75,5
	H751CS	38,06	45,67		58,9	59,4		50,0	50,5		75,0	75,5
	H1002CC	38,06	45,67	58,4	58,9	59,9	49,5	50,0	51,0	74,5	75,0	76,0
	H801CS	43,73	52,48		58,9	59,4		50,0	50,5		75,0	75,5
	H1003CC	43,73	52,48	58,9	59,4	59,9	50,0	50,5	51,0	75,0	75,5	76,0
	H901CS	47,80	57,36		59,4	59,9		50,5	51,0		75,5	76,0
	H1151CC	47,80	57,36	58,9	59,9	60,4	50,5	51,0	51,5	75,5	76,0	76,5

H SERIES

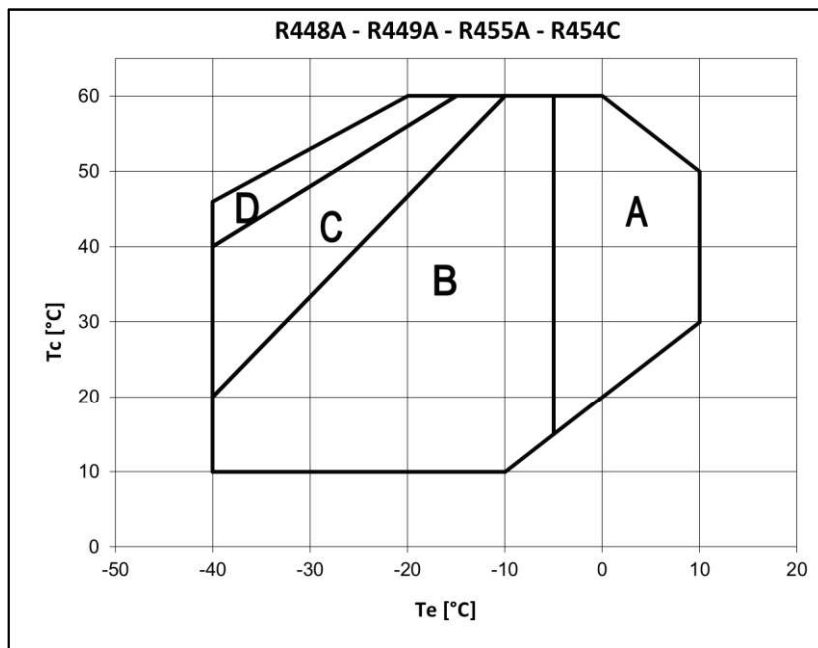
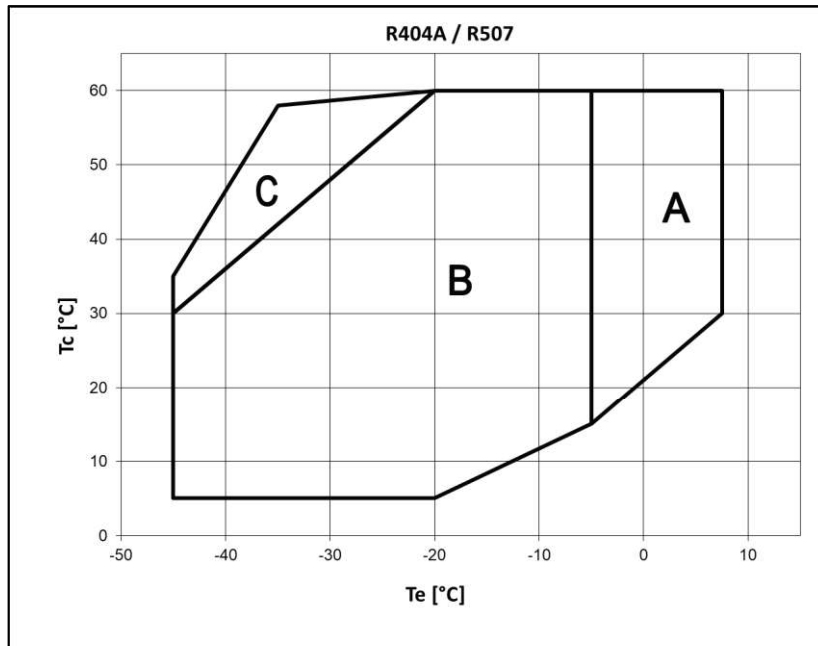
Noise Level

噪音水平

RANGE 系列	MODEL 型号	DISPLACEMENT 排气量		SOUND PRESSURE (FREE FIELD) 声压 (分贝)						SOUND POWER 声功率		
				1,8 m			5 m			ISO9614-1 grade 2		
				Te / Tc [°C]			Te / Tc [°C]			Te / Tc [°C]		
		50 Hz	60 Hz	+7 / +50	-10 / +45	-30 / +40	+7 / +50	-10 / +45	-30 / +40	+7 / +50	-10 / +45	-30 / +40
[m³/h]		[dBA]										
H41	H851CS	42,81	51,38		58,9	60,4		50,0	51,5		75,0	76,5
	H1201CC	42,81	51,38	58,9	58,9	60,4	50,0	50,0	51,5	75,0	75,0	76,5
	H1001CS	48,82	58,58		60,9	61,4		52,0	52,5		77,0	77,5
	H1501CC	48,82	58,58	60,4	60,9	61,4	51,5	52,0	52,5	76,5	77,0	77,5
	H1501CS	56,87	68,25		61,9	62,6		53,0	53,7		78,0	78,7
	H2001CC	56,87	68,25	61,4	61,9	62,6	52,5	53,0	53,7	77,5	78,0	78,7
	H1601CS	63,76	76,51		62,9	63,4		54,0	54,5		79,0	79,5
	H2201CC	63,76	76,51	62,4	62,9	63,4	53,5	54,0	54,5	78,5	79,0	79,5
	H2201CS	70,84	85,01		62,9	63,4		54,0	54,5		79,0	79,5
H2401CC	70,84	85,01	62,4	62,9	63,4	53,5	54,0	54,5	78,5	79,0	79,5	
H5	H2000CS	75,83	91,00		61,4	61,9		52,5	53,0		77,5	78,0
	H2500CC	75,83	91,00	60,9	61,4	61,9	52,0	52,5	53,0	77,0	77,5	78,0
	H2500CS	85,01	102,02		62,4	62,9		53,5	54,0		78,5	79,0
	H3000CC	85,01	102,02	61,9	62,4	62,9	53,0	53,5	54,0	78,0	78,5	79,0
	H2700CS	92,25	110,69		63,4	63,9		54,5	55,0		79,5	80,0
	H3200CC	92,25	110,69	62,9	63,4	63,9	54,0	54,5	55,0	79,0	79,5	80,0
	H2900CS	102,35	122,82		64,4	64,9		55,5	56,0		80,5	81,0
	H3400CC	102,35	122,82	63,9	64,4	64,9	55,0	55,5	56,0	80,0	80,5	81,0
	H3001CS	112,97	135,57		64,9	65,4		56,0	56,5		81,0	81,5
H3501CC	112,97	135,57	64,4	64,9	65,4	55,5	56,0	56,5	80,5	81,0	81,5	
H6	H3000CS	113,74	136,49		65,4	65,9		56,5	57,0		81,5	82,0
	H3500CC	113,74	136,49	64,9	65,4	65,9	56,0	56,5	57,0	81,0	81,5	82,0
	H3500CS	127,52	153,02		65,9	66,4		57,0	57,5		82,0	82,5
	H4000CC	127,52	153,02	65,4	65,9	66,4	56,5	57,0	57,5	81,5	82,0	82,5
	H4000CS	138,37	166,04		66,4	66,9		57,5	58,0		82,5	83,0
	H4500CC	138,37	166,04	65,9	66,4	66,9	57,0	57,5	58,0	82,0	82,5	83,0
	H4500CS	153,52	184,22		66,5	67,0		57,6	58,1		82,6	83,1
	H5000CC	153,52	184,22	66,5	67,0	67,5	57,6	58,1	58,6	82,6	83,1	83,6
	H5001CS	169,46	203,55		67,0	67,5		58,1	58,6		83,1	83,6
H7	H5000CS	164,30	197,16		66,9	67,4		58,0	58,5		83,0	83,5
	H5500CC	164,30	197,16	66,4	66,9	67,4	57,5	58,0	58,5	82,5	83,0	83,5
	H5500CS	184,19	221,03		67,1	67,6		58,2	58,7		83,2	83,7
	H6000CC	184,19	221,03	66,6	67,1	67,6	57,7	58,2	58,7	82,7	83,2	83,7
	H6000CS	199,86	239,83		67,3	67,8		58,4	58,9		83,4	83,9
	H7500CC	199,86	239,83	66,8	67,3	67,8	57,9	58,4	58,9	82,9	83,4	83,9
	H7501CS	221,75	266,10		67,4	67,9		58,5	59,0		83,5	84,0
	H8001CC	221,75	266,10	66,9	67,4	67,9	58,0	58,5	59,0	83,0	83,5	84,0
	H8000CS	244,78	293,74		67,5	68,0		58,6	59,1		83,6	84,1
H9000CC	244,78	293,74	67,0	67,5	68,0	58,1	58,6	59,1	83,1	83,6	84,1	

Application Envelope

应用包络线

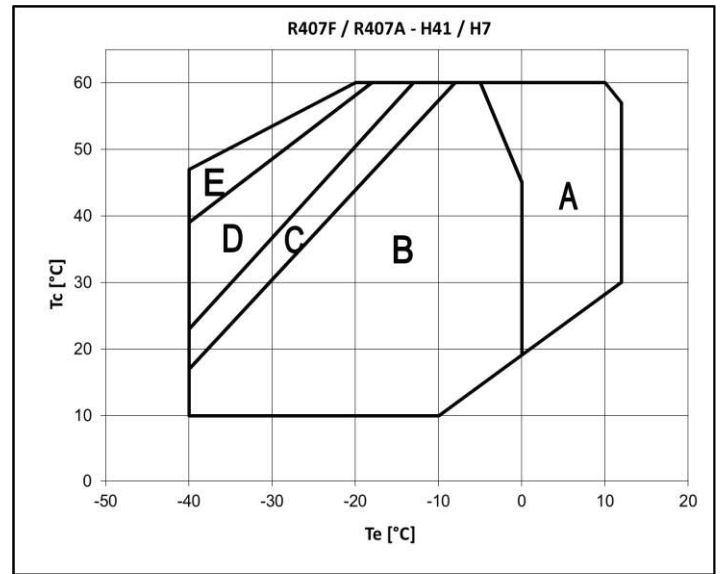
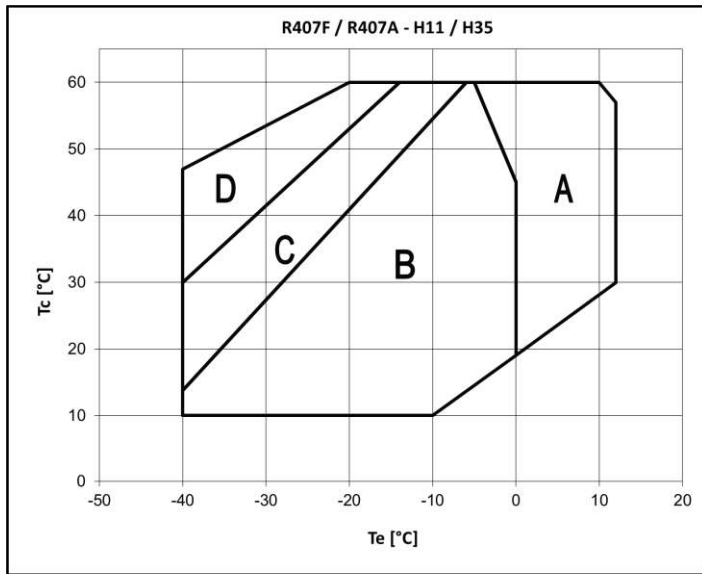
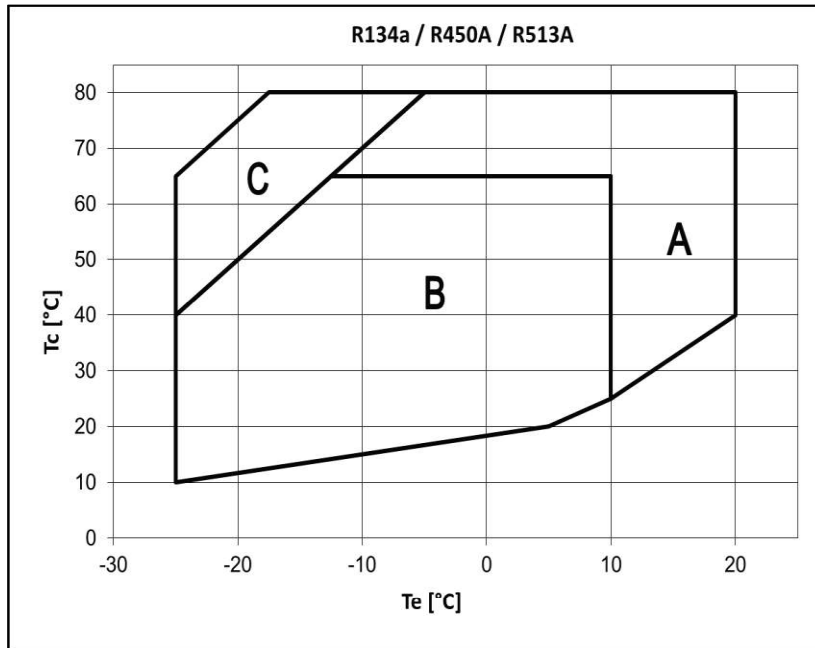


The application envelope changes depending on the compressor model and is available for every model and for every refrigerant in the DORIN web software
应用包络线随压缩机型号变化并且可以在都凌选型软件查到

A	«CC» MODELS ONLY / 仅限«CC»型号
B	«CC» AND «CS» MODELS / «CC»和«CS»型号可用
C	«CC» AND «CS» MODELS with head cooling fan or max superheating 20 K / «CC» 和 «CS» 型号带缸头风机或过热度 ≤ 20 K
D	«CC» AND «CS» MODELS with head cooling fan and max superheating 20 K / «CC»和 «CS» 型号可用, 带缸头风机且最大过热度为 20 K

Application Envelope

应用包络线



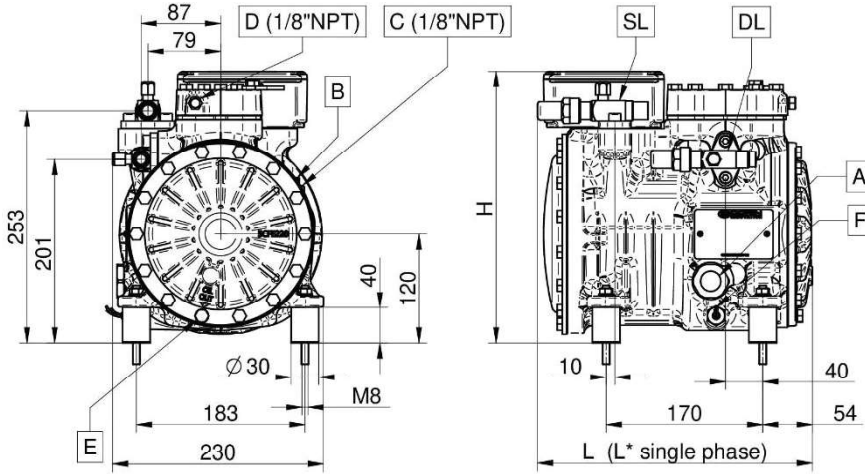
The application envelope changes depending on the compressor model and is available for every model and for every refrigerant in the DORIN web software
应用包络线随压缩机型号变化并且可以在都凌选型软件查到

A	«CC» MODELS ONLY / 仅限«CC»型号
B	«CC» AND «CS» MODELS / «CC»和«CS»型号可用
C	«CC» AND «CS» MODELS with head cooling fan or max superheating 20 K / «CC» 和 «CS» 型号带缸头风机或过热度 ≤ 20 K
D	«CC» AND «CS» MODELS with head cooling fan and max superheating 30 K (head cooling fan and DTC if superheating is > 30 K) / «CC» 和 «CS» 型号可用, 带缸头风机且最大过热度为 30 K(如果过热度 > 30 K, 则须配置缸头风机和 DTC)
E	«CC» AND «CS» MODELS with head cooling fan and max superheating 20 K (head cooling fan and DTC if superheating is > 20 K) / «CC»和 «CS» 型号可用, 带缸头风机且最大过热度为 20 K (如果过热度 > 20 K, 则须配置缸头风机和 DTC)

Technical Drawings

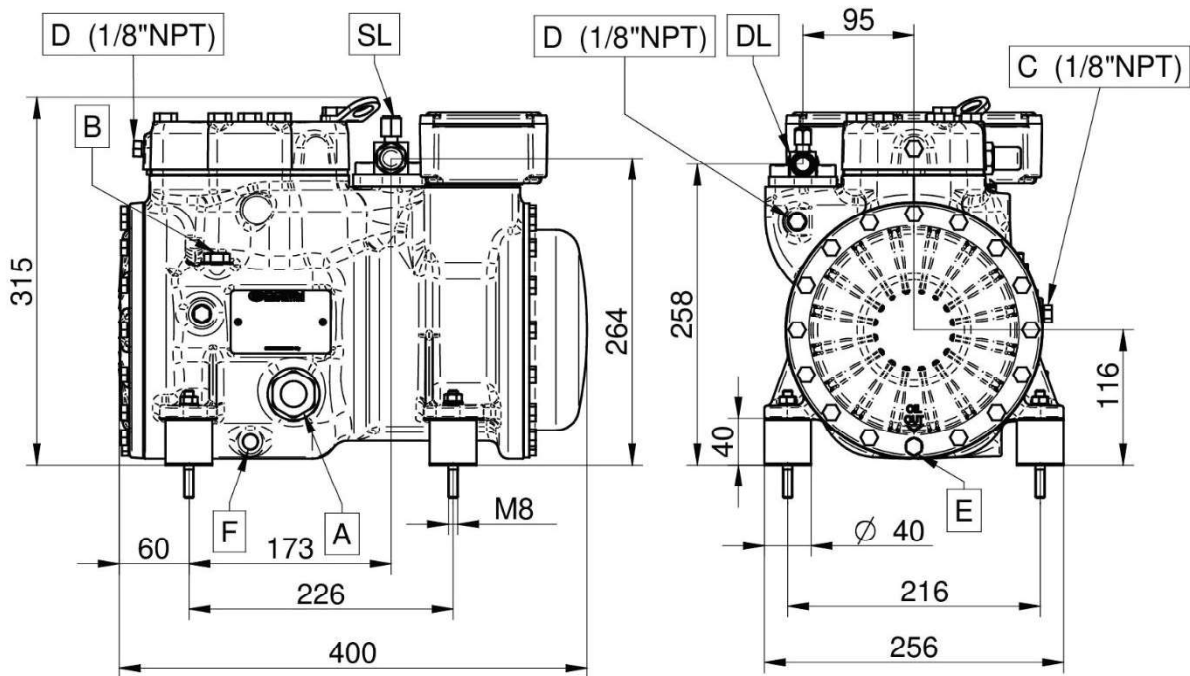
外形尺寸

H11



MODEL 型号	L	L*	H
	[mm]	[mm]	[mm]
H51CS	295	321	296
H80CC	295	321	296
H80CS	298	321	296
H101CC	305	328	296
H101CS	305	328	296
H151CC	305	343	296
H151CS	305	343	296
H181CC	321	354	296
H181CS	325	363	296
H201CC	325	363	296
H201CS	325	363	296
H221CC	325	363	296
H221CS	325	363	296
H251CC	340	363	296
H251CS	325	363	296
H281CC	340	363	296
H281SB	325	---	315
H281CS	340	---	315

H2



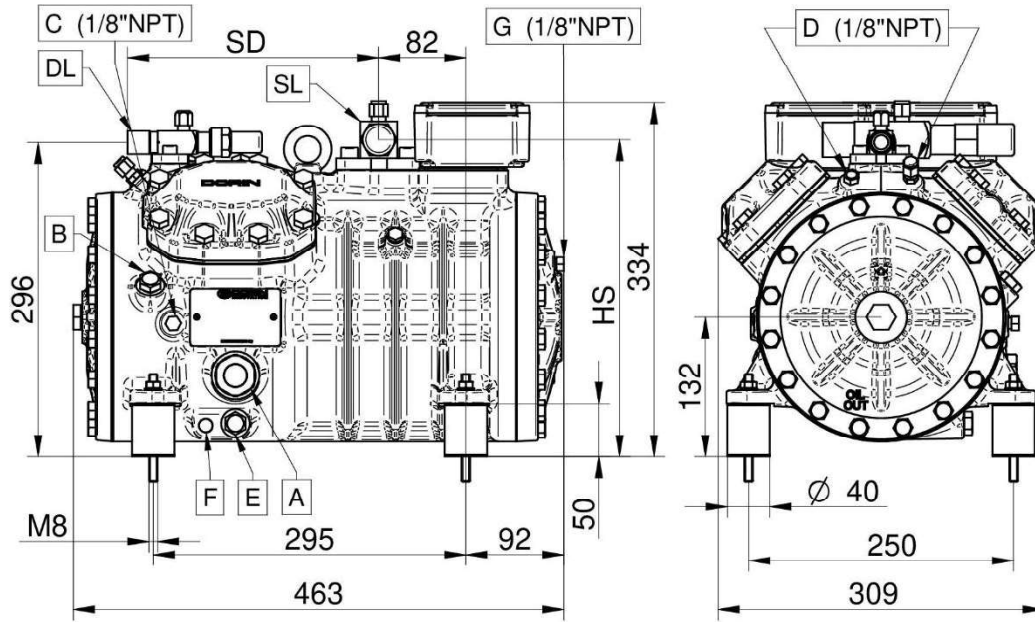
- A - Oil sight glass - 油视镜
- B - Oil charge plug - 注油塞
- C - Low pressure tap - 低压旋塞
- D - High pressure tap - 高压旋塞

- E - Oil drain plug - 排油塞
- F - Crankcase heater - 曲轴箱加热器
- DL - Discharge service valve - 排气阀
- SL - Suction service valve - 吸气阀

Technical Drawings

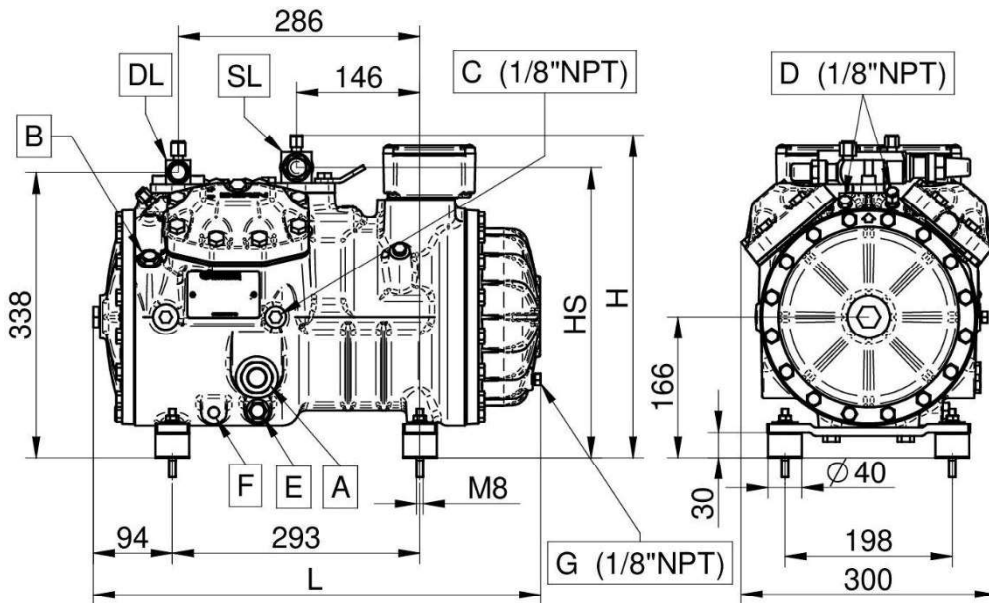
外形尺寸

H33



MODEL 型号	SD	HS
	[mm]	[mm]
H355CS	233	296
H405CC	233	296
H405CS	237	299
H505CC	237	299
H505CS	237	299
H705CC	237	299
H705CS	237	299
H755CC	237	299

H35



MODEL 型号	L	H	HS
	[mm]	[mm]	[mm]
H401CS	483	375	340
H451CC	483	375	340
H451CS	483	375	340
H551CC	483	375	340
H551CS	483	375	340
H701CC	483	375	340
H701CS	483	375	340
H751CC	483	375	340
H751CS	483	375	340
H1002CC	530	382	344
H801CS	483	375	340
H1003CC	530	382	344
H901CS	530	382	344
H1151CC	530	382	344

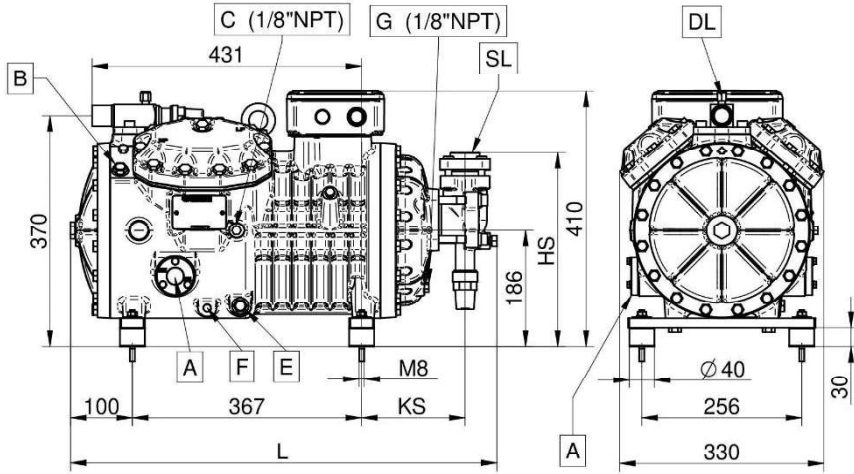
- A - Oil sight glass - 油视镜
- B - Oil charge plug - 注油塞
- C - Low pressure tap - 低压旋塞
- D - High pressure tap - 高压旋塞

- E - Oil drain plug - 排油塞
- F - Crankcase heater - 曲轴箱加热器
- G - Oil return - 回油口
- DL - Discharge service valve - 排气阀
- SL - Suction service valve - 吸气阀

Technical Drawings

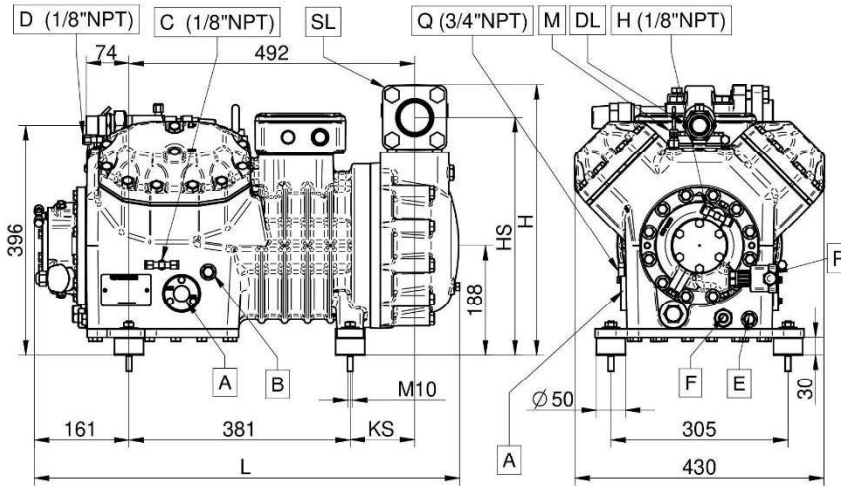
外形尺寸

H41



MODEL 型号	L	KS	HS
	[mm]	[mm]	[mm]
H851CS	650	140	257
H1201CC	650	140	257
H1001CS	650	140	257
H1501CC	680	166	410
H1501CS	650	140	257
H2001CC	680	166	410
H1601CS	680	166	410
H2201CC	680	166	410
H2201CS	680	166	410
H2401CC	680	166	410

H5



MODEL 型号	L	H	KS	HS
	[mm]	[mm]	[mm]	[mm]
H2000CS	710	443	86	392
H2500CC	732	466	111	410
H2500CS	712	466	91	410
H3000CC	732	466	111	410
H2700CS	712	466	91	410
H3200CC	732	410	111	466
H2900CS	712	466	91	410
H3400CC	732	410	111	466
H3001CS	712	466	91	410
H3501CC	732	466	111	410

- A - Oil sight glass - 油视镜
- B - Oil charge plug - 注油塞
- C - Low pressure tap - 低压旋塞
- D - High pressure tap - 高压旋塞
- E - Oil drain plug - 排油塞
- F - Crankcase heater - 曲轴箱加热器

- G - Oil return - 回油
- H - Oil pressure tap - 油压旋塞
- M - Maximum discharge temperature sensor - 最高排气温度传感器
- P - Oil pressure switch - 油压差开关
- Q - Gas equalization - 气体平衡
- DL - Discharge service valve - 排气阀
- SL - Suction service valve - 吸气阀



DORIN WEB SOFTWARE

Open the camera app on your device and point it at the QR code to scan it. Make sure that all the four corners of the QR code are in view. A pop-up notification will appear on your screen, tap the notifications to launch the code.

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