



HUAYI COMPRESSOR (JINGZHOU) CO., LTD.
产品样本 PRODUCT SPECIFICATION 2022

型号Model	电源 Power supply (V/rpm)	汽缸容积 Displacement (cm ³)	制冷量 Cooling Capacity (W)	COP (W/W)	电机类型 Motor Type	认证 Certification
DL35C	12~24/2000	3.5	39	1.35	BLDC	CB
	12~24/3500		70	1.35		
VDL30C	12~24/2000	3.1	32	1.20	BLDC	
	12~24/3500		55	1.25		
	100-240/2000		32	0.90		
	100-240/3500		55	1.05		
VDL35C	12~24/2000	3.5	39	1.35	BLDC	
	12~24/3500		70	1.35		
	100-240/2000		39	1.05		
	100-240/3500		70	1.15		
DK Series						
DK52C	12~24/2000	5.2	55	1.50	BLDC	CB
	12~24/3500		100	1.60		
VDK52C	12~24/2000	5.2	55	1.50	BLDC	
	12~24/3500		100	1.55		
	100-240/2000		55	1.35		
	100-240/2000		100	1.40		
DK70C	12~24/2000	7.0	75	1.50	BLDC	
	12~24/3500		136	1.45		
DK90C	12~24/2000	9.0	105	1.50	BLDC	
	12~24/3500		175	1.45		

注：“*”表示待开发产品。

测试工况 Test conditions	按ASHRAE标准 According to ASHRAE
蒸发温度Evaporating temperature	-23.3℃
冷凝温度Condensing temperature	54.4℃
过冷温度Subcooling temperature	32.2℃
吸气温度Suction temperature	32.2℃
环境温度Ambient temperature	32.2℃

使用工况范围及极限Working condition limit: R600a

最大环境温度Max ambient temperature	55[℃]
蒸发温度范围Evaporation temperature range	-35~-15[℃]
工作电压范围Working voltage range	12/124V[DC], 100-240V[AC]
最大排气压力Max discharge pressure	0.98[Mpa] 表压 gauge pressure
最大允许壳温Max allowable housing temperature	85[℃]
机壳最大承受压力max pressure housing endured	3.5 [Mpa] 表压 gauge pressure
低电压启动性能 Low voltage start	0.5/0.5Mpa (表压 gauge pressure) 10.8V/22.7V[DC]; 100V[AC]