COMPRESSEUR ZEL , 200w ,HDL200A, R600a, LBP ,1/4 hp

Category: Technologie,Tester ok
written by www.mbsm.pro | 1 April 2020

Model	Motor	Disp.	Power	Motor type	Freq.	Cooling capacity	Input power	Input power (RC)	COP	COP (RC)	Run capacitor	Height	Netweight
GDL145D	Cu	4.4	1/8	RSIR/RSCR	60	145	94	87	1.55	1.67	10	161	7.3
GDL175D	Cu	5.3	1/6	RSIR/RSCR	60	175	112	106	1.56	1.65	10	161	7.3
GML140A	Al	4.9	1/6	RSIR	50	140	112	0	1.25	0	0	152	6.3
GML160A	Al	5.7	1/6	RSIR	50	160	128	0	1.25	0	0	161	6.9
GML180A	Al	6.5	1/5	RSIR	50	180	144	0	1.25	0	0	161	7.1
GML200A	Al	7	1/5	RSIR	50	200	160	0	1.25	0	0	164	7.3
GML145D	Al	4.4	1/7	RSIR/RSCR	60	145	97	92	1.5	1.57	10	164	7.1
GML175D	Al	4.9	1/6	RSIR/RSCR	60	175	118	112	1.48	1.56	10	164	7.1
GPL175D*	Cu	4.9	1/7	CSCR	60	175		97		1.8	10	161	7.6
GXL175D	Cu	4.9	1/7	RSCR	60	175		101		1.73	10	164	7.6

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TECHNICAL CHARACTERISTICS | SCHEME OF COMPRESSORS | ELECTRIC ASSEMBLY DIAGRAMS | TECHNICAL SCHEMES

Model	Motor	Speed range	Displ., cm^3	Motor type	Freq, hz	Cooling Capacity, w -23.3 °C/(+7.2 °C)*	Input Power, BT		COP, w/w		Run Capacitor, μF	Height, mm	Net Weight, kg	Type of cooling, S/F
							without RC	with RC	without RC	with RC				
HDL100A	Al	-	5,7	RSCR	50	98	-	60	-	1,64	2,5	161	6,9	-
HDL100A(I)	Cu/Al	-	5,7	RSCR	50	98	-	57	-	1,72	2,5	164	7,2	-
HDL125A	Al	-	7,0	RSCR	50	123	-	72	-	1,70	2,5	164	7,2	-
HDL125A (I)	Cu/Al	-	7,0	RSCR	50	123	-	69	-	1,79	2,5	164	7,2	-
HDL140A	Al	-	8,0	RSCR	50	140	-	80	-	1,74	2,5	164	7,2	-
HDL160A	Al	-	9,2	RSCR	50	160	-	90	-	1,77	3	164	7,2	-
HDL170A	Al	-	9,5	RSCR	50	172	-	101	-	1,70	4	164	7,2	-
HDL190A	Cu/Al	-	10,5	RSCR	50	185	-	106	-	1,75	4	164	7,2	-
HDL200A	Cu/Al	-	12,0	RSCR	50	200	-	118	-	1,70	4	164	7,2	-
HDL80A	Al	-	4,9	RSCR	50	80	-	49	-	1,62	2	161	6,9	-
HML100A	Al	-	5,7	RSCR	50	98	-	71	-	1,39	2	152	6,3	-
HML125A	Al	-	7,0	RSCR	50	125	-	83	-	1,45	2	152	6,3	-
HML140A	Al	-	8,0	RSCR	50	140	-	90	-	1,56	3	152	6,3	-
HML170A	Al	-	9,5	RSCR	50	165	-	114	-	1,45	3	161	6,9	-
HML200A	Al	-	12,0	RSCR	50	200	-	138	-	1,45	4	164	7,2	-
HML80A	Al	-	4,9	RSCR	50	80	-	55	-	1,45	2	152	6,3	-
HPL100A	Cu	-	5,7	CSCR	50	100	-	51	-	1,96	2	161	7,3	-
HPL125A	Cu	-	7,0	CSCR	50	125	-	64	-	1,96	2	161	7,3	-
HPL140A	Cu	-	8,0	CSCR	50	145	-	74	-	1,95	2	161	7,3	-
HXL100A	Cu	-	5,7	RSCR	50	98	-	52	-	1,87	2	161	7,3	-
HXL125A	Cu	-	7,0	RSCR	50	123	-	65	-	1,90	2	161	7,3	-
HXL140A	Cu	-	8,0	RSCR	50	140	-	73	-	1,91	2	161	7,3	-
HXL170A	Cu	-	9,3	RSCR	50	175	-	93	-	1,88	2	161	7,3	-
HXL190A	Cu	-	10,5	RSCR	50	190	-	103	-	1,85	3	164	7,3	-
HXL190A (B)	Cu	-	12,0	RSCR	50	200	-	108	-	1,85	3	164	7,3	-
HXL50A	Cu	-	4,9	RSCR	50	53	-	31	-	1,70	1,5	164	7,3	-

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كباسات ZEL ومواصفاتها مع مقاسات الثلاجات والفريزارات المختلفة

موديل الثلاجة	الحجم بالقدم 3		الحجم باللتر		قدرة الضاغط					
					R134a			R600a		
					Model	W	HP	Model	W	HP
LBP					**كباسات التجميد**					
Domestic single door	4	5	113	160	GML70G	72	1/12	HMM70A	70	1/12
	6	7	170	198	GML70G	72	1/10	HMM70A	70	1/10
	8	9	226	254	GML90G	94	1/8	HMM90A	90	1/8
	9	13	283	370	GML125G	125	1/6	HML125AT	130	1/6
Domestic double door	9	12	226	340	GML140AT	148	1/5	HML140AT	140	1/5
	13	17	370	481	GML200AT	195	1/4	HML200A	200	1/4
	17	22	509	623	GTH88AA	240	1/3	HKD14AA	240	1/3
Upright and chest freezer	4	6	113	120	GML125G	125	1/6	HML125AT	130	1/6
	6	8	198	226	GML140AT	148	1/5	HML140AT	140	1/5
	8	12	254	340	GML200AT	195	1/4	HML200A	200	1/4
	12	18	370	509	GTH88AA	240	1/3	HKD14AA	240	1/3

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GML70G,
GML90G,
GML125G,
HMM70A,
HMM90A,
HML125AT,
GML140AT
GML200AT,
GTH88AA,
HML140AT,
HML200A,
HKD14AA,
GML125G,
GTH88AA,

GDL145D,
GDL175D,
GML140A,
GML160A,
GML180A,
GML200A,
GML145D,
GML175D,
GPL175D*,
GXL175D,
GXL200D,

R600a مواصفات كباسات التجميد LBP

Model الموديل	Voltage الفولت	Hz التردد	Cooling Capacity سعة التبريد - القدرة التبريدية		
			W	HP	
HMM70A	220 - 240	50	70	0.094	1/10
HMM80A	220 - 240	50	80	0.107	1/10
HMM90A	220 - 240	50	90	0.121	1/8
HMM100A	220 - 240	50	100	0.134	1/8
HML100A	220 - 240	50	103	0.138	1/8
HML125A	220 - 240	50	121	0.162	1/6
HML125AT	220 - 240	50	130	0.174	1/6
HML140AT	220 - 240	50	140	0.188	1/6
HML155A	220 - 240	50	155	0.208	1/5
HML170AT	220 - 240	50	170	0.228	1/5
HML190A	220 - 240	50	190	0.255	1/4
HML200A	220 - 240	50	200	0.268	1/4

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R134a LBP كباسـات التجميد

Model الموديل	Voltage الفولت	Hz التردد	Cooling Capacity سعة التبريد - القدرة التبريدية		
			W	HP	
GML70G	220 - 240	50 - 60	72	0.097	1/12
GML80G	220 - 240	50 - 60	80	0.107	1/10
GML90G	220 - 240	50 - 60	94	0.126	1/8
GML110AT	220 - 240	50	113	0.151	1/7
GML125G	220 - 240	50 - 60	122	0.164	1/6
GML140G	220 - 240	50 - 60	136	0.182	1/6
GML140AT	220 - 240	50	148	0.198	1/5
GML180G	220 - 240	50 - 60	162	0.217	1/5
GML200AT	220 - 240	50	195	0.261	1/4
GTH88AA	220 - 240	50	240	0.322	1/3
GTH93AA	220 - 240	50	260	0.349	1/3
GTM93AA	220 - 240	50	280	0.375	3/8
GTM10AA	220 - 240	50	300	0.402	3/8+

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Lambda/Zeta/Micro

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Tau

G T H 93 AA

效率等级 Efficiency Level
M - 普效 Standard Effiency
Y/H - 中效 Medium Efficiency
T - 高效 High Efficiency

气缸容积(cm³) Displacement

R600a
R134a

系列 Series
V - 1st Generation
T - 2nd Generation

额定电压 Rated Voltage
AA - 220~240V 50Hz
AD - 115V 60Hz
AF - 220~240V 60Hz
AG - 200~220V 50Hz
220~230V 60Hz

制冷剂 Refrigerant
H - R600a
G - R134a

R290

应用工况 Application
L - 低背压 LBP
M - 中背压 MBP

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					Model	W	HP	Model	W	HP
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	8	9	226	254	GML90G	94	1/8	HMM90A	90	1/8
	9	13	283	370	GML125G	125	1/6	HML125AT	130	1/6
Domestic double door	9	12	226	340	GML140AT	148	1/5	HML140AT	140	1/5
	13	17	370	481	GML200AT	195	1/4	HML200A	200	1/4
	17	22	509	623	GTH88AA	240	1/3	HKD14AA	240	1/3
Upright and chest freezer	4	6	113	120	GML125G	125	1/6	HML125AT	130	1/6
	6	8	198	226	GML140AT	148	1/5	HML140AT	140	1/5
	8	12	254	340	GML200AT	195	1/4	HML200A	200	1/4
	12	18	370	509	GTH88AA	240	1/3	HKD14AA	240	1/3

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Variable Speed Range
变频系列

R600a

型号 Model	电机 Motor	转速范围 Speed Range	排气量 Displ.	电机类型 Motor Type	制冷量 Cooling Capacity	输入功率 Input Power	性能系数 COP	高度 Height	重量 Net Weight	认证 Certification
		rpm	cm³		w	w	w/w	mm	kg	
220-240V/50Hz										
T系列变频 T Series VSC										
HKD66FSK	Al	1400~4000	6.6	PMSM	45~150	26~85	Up to 1.90	163	7.1	
HKD75FSK	Al	1400~4000	7.5	PMSM	52~170	29~96	Up to 1.90	163	7.1	
HKD86FSK	Al	1400~4000	8.6	PMSM	60~190	35~105	Up to 1.90	163	7.1	
HKD93FSK	Al	1400~4000	9.3	PMSM	70~210	40~125	Up to 1.90	163	7.1	
HKD10FSK	Al	1400~4000	10.5	PMSM	83~235	49~132	Up to 1.90	163	7.1	CCC
HKD12FSK	Al	1400~4000	11.5	PMSM	95~270	51~154	Up to 1.90	163	7.1	CCC
HKD66FSK I	Cu	1400~4000	6.6	PMSM	45~150	25~82	Up to 1.95	163	8.0	
HKD75FSK I	Cu	1400~4000	7.5	PMSM	52~170	28~93	Up to 1.95	163	8.0	
HKD86FSK I	Cu	1400~4000	8.6	PMSM	60~190	32~102	Up to 1.95	163	8.0	
HKD93FSK I	Cu	1400~4000	9.3	PMSM	70~210	38~115	Up to 1.95	163	8.0	
HKD10FSK I	Cu	1400~4000	10.5	PMSM	83~235	44~123	Up to 1.95	163	8.0	CCC
HKD12FSK I	Cu	1400~4000	11.5	PMSM	95~270	50~146	Up to 1.95	163	8.0	CCC
Z系列变频 Z Series VSC										
HXZ150FSM	Al	1200~4200	6.5	PMSM	42~150	23~80	Up to 1.90	145	6.9	-
HXZ170FSM	Al	1200~4200	7.0	PMSM	50~170	26~92	Up to 1.90	145	6.9	-
HXZ200FSM	Al	1200~4200	8.6	PMSM	56~200	30~103	Up to 1.90	145	6.9	-
HXZ220FSM	Al	1200~4200	9.2	PMSM	68~220	36~120	Up to 1.90	145	6.9	-
HXZ240FSM	Al	1200~4200	9.5	PMSM	75~240	39~125	Up to 1.90	145	6.9	-
HDZ150FSM	Al	1200~4200	6.5	PMSM	42~150	25~88	Up to 1.80	145	6.3	-
HDZ170FSM	Al	1200~4200	7.0	PMSM	50~170	27~98	Up to 1.80	145	6.3	-
HDZ200FSM	Al	1200~4200	8.6	PMSM	56~200	30~110	Up to 1.80	145	6.3	-
HDZ220FSM	Al	1200~4200	9.2	PMSM	68~220	40~132	Up to 1.80	145	6.3	-

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