

Mbsm.pro, Compressor, SEBERIA Hermetic Compressor, F Series, t Series, y Series, s Series, inverter dc

Category: Archivation,compressor
written by Lilianne | 12 April 2022

S Series



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F Series

L/M/HBP

Compact Size

Low Noise & Vibration

High Efficiency & Raliablity

Specifications

Model	Power Hp	Displacement	Cooling Capacity	Motor Type	Input Power	Rated Current	COP
GFM44AA	1/6	4.6	120	RSIR	100	0.70	1.20
GFM53AA	1/6+	5.3	145	RSIR	114	0.88	1.27
GFM57AA	1/5	5.7	165	RSIR	132	0.97	1.25
GFM75AA	1/4+	7.5	215	RSIR	159	1.20	1.35
GFM10AA	1/3+	10.0	295	RSIR	220	1.55	1.34
GFM12AA	1/2-	12.0	330	RSIR	235	1.85	1.40
GFM12AA_S	1/2-	12.0	330	RSIR	235	1.85	1.40

F(F) Series 220-240V/50Hz

GFF44AA	1/6	4.6	130	RSIR/RSCR	99/93	0.65/0.53	1.31/1.40
GFF57AA	1/5	5.7	165	RSIR/RSCR	115/110	0.77/0.57	1.43/1.50

GFF66AA	1/4	6.6	195	RSIR/RSCR	143/129	0.92/0.74	1.36/1.51
GFF75AA	1/4+	7.5	215	RSIR/RSCR	156/147	1.15/0.83	1.38/1.46
GFF86AA	1/3	8.6	250	RSIR/RSCR	179/164	1.24/0.90	1.40/1.52
GFF93AA	1/3+	9.3	270	RSIR/RSCR	185/175	1.25/0.95	1.46/1.54

F(T)Series High Efficiency Compressor 220-240V/50Hz

GFT36AA	1/7	3.6	110	RSCR	68	0.32	1.62
GFT44AA	1/6	4.4	130	RSCR	81	0.43	1.60
GFT53AA	1/5-	5.3	145	RSCR	96	0.53	1.50
GFT57AA	1/5	5.7	165/168	RSCR	104/98	0.55/0.49	1.60/1.70
GFT61AA	1/5+	6.1	182	RSCR	107	0.53	1.70
GFT66AA	1/4	6.6	195	RSCR	115/113	0.58/0.55	1.68/1.72
GFT75AA	1/4+	7.5	220	RSCR	129	0.69	1.70
GFT86AA	1/3	8.6	250	RSCR	148	0.73	1.70
GFT93AA	1/3+	9.3	270	RSCR	166	0.84	1.65

F Series 115V/60Hz

GFM44AD	1/6+	4.6	145	RSIR	111	1.62	1.30
GFM53AD	1/4	5.3	185	RSIR	131	1.75	1.30
GFM57AD	1/4	5.7	195	RSIR	138	1.85	1.30
GFM61AD	1/4+	6.1	210	RSIR	168/150	2.75/1.90	1.25/1.40
GFR40AD	1/6	3.6	120	RSCR	84.6	7/8	1.42
GFR57AD	1/4	5.7	195	RSCR	116	1.2/7	1.55
GFM93AD	1/4	9.3	305	RSIR	218	3.2	1.40

F Series 200-220V/50Hz

GFF53AT	1/6+	5.3	150	RSCR	106	0.67	1.42
GFF57AT	1/5	5.7	165	RSCR	118	0.86	1.40
GFF66AT	1/4	6.6	196	RSCR	138	1.02	1.42
GFF75AT	1/4+	7.5	218	RSCR	147	1.07	1.48
GFF86AT	1/3	8.6	250	RSCR	168	1.14	1.49
GFF93AT	1/3+	9.3	275	RSCR	185	1.23	1.49

F Series 100V-50/60Hz

GFF66AJ	1/4	6.6	195/233	RSCR	135/152	2.15/1.95	1.44/1.53
GFF93AJ	1/3	9.3	270/305	RSCR	190/205	2.95/2.58	1.42/1.49

F Series Compressor M/HBP R134a

220-240V 50/60Hz

GFL60AG_AL	3/4	5.3	550/650	CSIR	245/265	1.88/1.69	2.24/2.45
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220-240V 50Hz

GFL80AA	1	7.5	720	CSIR	317	1.96	2.27
GFL10AA	1.2	9.3	880	CSIR	430	2.50	2.0

F Series Compressor LBP R600a

F(M/F) Series 220-240V/50Hz

BFM86AA	1/6+	8.6	142	RSIR	101	0.82	1.40
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BFF86AA	1/6	8.6	142	RSIR/RSCR	93/90	0.65/0.51	1.53/1.58
BFM93AA	1/5	9.3	155	RSIR	108	0.85	1.43
BFF93AA	1/5	9.3	160	RSIR/RSCR	103/98	0.73/0.58	1.55/1.63
BFM10AA	1/5+	10.0	168	RSIR	122	1.01	1.38
BFF11AA	1/4	10.5	185	RSIR	121	0.70	1.45
BFM12AA	1/4+	12.0	202	RSIR	144	1.10	1.40
BFF12AA	1/4+	12.0	202	RSIR/RSCR	130/123	1.04/0.75	1.55/1.64

F(T) Series High Efficiency Compressor 220-240V/50Hz

BFT57AA	1/7-	5.7	95	RSCR	53/50	0.28/0.24	1.80/1.90
BFT75AA	1/6	7.5	130	RSCR	75/72	0.35	1.73/1.80
BFT86AA	1/5	8.6	142	RSCR	82/74	0.43/0.36	1.73/1.92
BFT93AA	1/5	9.3	155	RSCR	82	0.50	1.90
BFT10AA	1/5+	10.0	175	RSCR	100/92	0.60/0.43	1.72/1.90
BFT11AA	1/4	10.0	180	RSCR	100	0.54	1.80
BFT12AA	1/4-	11.5	200/210	RSCR	116/114	0.54/0.52	1.72/1.86

F Series 200-220V/50Hz

BFF75AT	1/6	7.5	130	RSCR	80	0.46	1.63
BFF86AT	1/5	8.6	142	RSCR	91.5	0.65	1.55
BFM93AT	1/5	9.3	158	RSIR	112	0.93	1.41
BFF93AT	1/5	9.3	160	RSCR	100	0.66	1.60
BFF11AT	1/4	11	175	RSCR	110	0.76	1.60
BFT12AT	1/4	11.5	200	RSCR	130	1.0	1.50

F Series 115/60Hz

BFR57AD	1/6	5.7	120	RSCR	75	0.73	1.60
BFR75AD	1/5-	7.5	156	RSCR	92	0.90	1.70
BFM10AD	2/7	10.0	200	RSCR	133	1.55	1.50
BFR10AD	2/7	10.0	195	RSCR	116	1.32	1.65
BFM12AD	1/3	11.0	230	RSCR	153	1.65	1.50

F Series Compressor LBP R290a

220-240V/50Hz

PFT61AA	3/8	6.1	285	RSCR	183	1.55
PFT66AA	3/8	6.6	310	RSCR	200	1.56
PFT66AA©	3/8	6.6	310	RSCR	190	1.65
PFT75AA	1/2-	7.5	350	RSCR	216	1.62
PFT75AA©	1/2-	7.5	350	RSCR	206	1.70
PFT86AA	1/2	8.6	388	RSCR	258	1.50
PFT86AA©	1/2	8.6	421	RSCR	263	1.60
PFT93AA©	3/5	9.3	455	RSCR	284	1.60

F Series Compressor L/MBP R290

220-240V/50Hz

PFL57AA	1/3	5.7	255/490	CSIR	170/235	1.50/2.09
PFL75AA	1/2-	7.5	350/657	CSIR	248/324	1.41/2.03

T Series Compressor LBP R134a
220-240V/50Hz

Model	Power Hp	Displacement	Cooling Capacity	Motor Type	Input Power	Rated Current	COP	Oil Charge
GTF35AA	1/8	3.5	98	RSCR	70	0.36	1.40	180
GTF35AA [Ⓞ]	1/8	3.5	98	RSIR	73	0.60	1.35	180
GTM45AA	1/6	4.5	125	RSIR	102	0.75	1.22	180
GTF45AA	1/6	4.5	125	RSCR	91	0.55	1.38	180
GTR45AA	1/6	4.5	125	RSCR	88	0.45	1.42	180
GTM52AA	1/6+	5.2	150	RSIR	120	0.82	1.25	180
GTF56AA	1/5	5.6	165	RSIR/RSCR	123/118	0.82/0.67	1.33/1.40	180
GTF56AA [Ⓞ]	1/5	5.6	165	RSIR/RSCR	110/103	0.70/0.50	1.50/1.60	180
GTF66AA	1/4	6.6	195	RSIR/RSCR	135/129	0.85/0.65	1.45/1.50	180

T Series Compressor LBP R600a
220-240V/50Hz

BTF55AA	1/8	5.5	95	RSIR	68	0.15	1.42	180
BTF55AA [Ⓞ]	1/8	5.5	95	RSIR/RSCR	63/59	0.43/0.30	1.50/1.60	180
BTF55AA [Ⓞ]	1/8	5.5	95	RSIR/RSCR	58/54	0.38/0.28	1.65/1.75	180
BTF60AA	1/7	6.0	105	RSIR/RSCR	74/70	0.52/0.40	1.42/1.50	180
BTF60AA [Ⓞ]	1/7	6.0	105	RSIR/RSCR	68/64	0.50/0.34	1.54/1.65	180
BTR60AA [Ⓞ]	1/7	6.0	105	RSIR/RSCR	66/60	0.42/0.29	1.60/1.75	180
BTF65AA	1/7+	6.5	115	RSIR/RSCR	71/68	0.54/0.39	1.60/1.67	180
BTF70AA	1/6	7.0	125	RSIR/RSCR	81/76	0.57/0.42	1.55/1.65	180
BTF70AA [Ⓞ]	1/6	7.0	125	RSCR	71	0.36	1.75	180
BTF85AA	1/6+	8.0	135	RSIR/RSCR	89/82	0.69/0.46	1.52/1.65	180
BTF85AA [Ⓞ]	1/6+	8.0	135	RSCR	77	0.39	1.75	180
BTR88AA	1/5-	8.8	152	RSIR/RSCR	96/88	0.63/0.45	1.55/1.70	180
BTF92AA	1/5-	9.2	155	RSIR/RSCR	109/94	0.725/0.55	1.42/1.56	180
BTR92AA	1/5-	9.2	155	RSIR/RSCR	100/94	0.55/0.45	1.55/1.65	180
BTF92AA-2 [Ⓞ]	1/5-	9.2	155	RSIR/RSCR	94/88	0.50/0.45	1.65/1.75	180
BTF100AA	1/5	10	170	RSIR/RSCR	117/110	0.82/0.58	1.45/1.55	180

Y Series

LBP

High Reliability

Very Compact Size

Low Noise & Vibration

Specifications

Y Series Compressor LBP R134a
220-240V/50Hz

Model	Power Hp	Displacement	Cooling Capacity	Motor Type	Input Power	Rated Current	COP	Oil Charge
GYM25AA	1/12	2.5	58	RSIR	58	0.45	1.00	130
GYF28AA	1/11	2.8	64	RSIR/RSCR	57/56	0.50/0.35	1.14/1.15	130

GYF30AA	1/10	3.0	75	RSIR/RSCR	66/62	0.51/0.35	1.14/1.21	130
GYM35AA	1/8	3.5	94	RSIR	83	0.68	1.14	130
GYF35AA [Ⓞ]	1/8	3.5	94	RSIR/RSCR	83/80	0.66/0.50	1.14/1.21	130
GYM43AA [Ⓞ]	1/7	4.3	112	RSIR	74	0.70	1.20	130

Y Series Compressor LBP R600a

220-240V/50Hz

BYM35AA	1/12	3.5	55	RSIR	46	0.39	1.20	130
BYF35AA	1/12	3.5	55	RSCR	36.6	0.20	1.50	130
BYR35AA	1/12	3.5	55	RSCR+EPT C	33	0.18	1.65	130
BYM43AA	1/11	4.3	68	RSIR	52	0.43	1.30	130
BYM48AA	1/10	4.8	75	RSIR	50	0.23	1.50	150
BYF52AA	1/9	5.2	85	RSIR/RSCR	65	0.50/0.30	1.45/1.55	150
BYF60AA	1/8	6.0	100	RSCR	62	0.32	1.60	150
BYF65AA	1/7	6.5	110	RSCR	85	0.40	1.60	150
BYF70AA	1/6	7.0	122	RSCR	78	0.42	1.60	150

115V 60Hz

BYF43AD	1/9	4.3	85	RSCR	55	0.57	1.55	130
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S Series Compressor LBP R600a

Model	Power Hp	Displacement	Cooling Capacity	Motor Type	Input Power	Rated Current	COP
BSE35AA	1/12	3.5	52	RSIR	43.3	0.45	1.20
BSE41AA	1/11	4.1	68	RSIR	56.7	0.49	1.20
BSR41AA	1/11	4.1	68	RSCR	43.9	0.23	1.55
BSE55AA	1/8	5.5	92	RSIR	76.7	0.52	1.20
BSS55AA	1/8	5.5	92	RSCR	55.8	0.28	1.65
BSE60AA	1/7	6.0	102	RSIR	85.0	0.58	1.20
BSM60AA	1/7	6.0	102	RSIR	75.6	0.55	1.35
BSR60AA	1/7	6.0	102	RSCR	65.8	0.35	1.55
BSE67AA	1/6	6.7	115	RSIR	95.8	0.60	1.20
BSS67AA	1/6	6.7	115	RSCR	69.7	0.34	1.65
BSE72AA	1/6	7.2	123	RSIR	102.5	0.67	1.20
BSF72AA	1/6	7.2	123	RSCR	79.4	0.48	1.55
BSE80AA	1/5	8.1	138	RSIR	106.2	0.8	1.30
BSM80AA	1/5	8.1	138	RSIR	98.6	0.74	1.40

S Series Compressor LBP R600a

200-220V/50Hz							
BSE35AT	1/12	3.5	52	RSIR	43.3	0.45	1.20
BSE60AT	1/7	6.0	102	RSIR	85.0	0.58	1.20
BSR60AT	1/7	6.0	102	RSCR	65.8	0.35	1.55

S Series Compressor LBP R134a

220-240V/50Hz							
GSE28AA	1/11	2.8	64	RSIR	57.0	0.5	1.20

GSE30AA	1/10	3.0	75	RSIR	66.0	0.51	1.20
GSE35AA	1/8	3.5	94	RSIR	83.0	0.68	1.20
GSM45AA	1/6	4.5	122	RSCR	91.0	0.55	1.35

Inverter Compressor

High Raliablity

Variable Speed

Very Compact Size

Low Noise & Vibration

Specifications

Inverter Compressor R600a

220-240V 50/60Hz

Model	Displacement	Cooling Type	Motor Type	Speed	Cooling Capacity	Input Power	Rated Current	COP	Loading Quantity
VBE72A1	7.2	ST	BLDC	1200	55	29	0.25	1.89	2400PCS/20GP
				1600	75	37	0.30	2.02	
				2400	108	56	0.44	1.93	
				3000	134	67	0.55	2.00	
				4500	180	100	0.76	1.80	
BTF80FSL	8	ST	BLDC	1200	59	34.6	0.29	1.70	2400PCS/20GP
				1600	81	43	0.35	1.87	
				2400	123	65	0.50	1.88	
				3000	142	79	0.60	1.80	
				4500	185	109	0.81	1.69	

Inverter Compressor

High Raliability

Variable Speed

Very Compact Size

Low Noise & Vibration



Inverter Compressor

- High Raliability
- Variable Speed
- Very Compact Size
- Low Noise & Vibration



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F Series

- L/M/HBP
- Compact Size
- Low Noise & Vibration
- High Efficiency & Raliability



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F Series

L/M/HBP
Compact Size
Low Noise & Vibration
High Efficiency & Reliability



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T Series

LBP
High Reliability
Very Compact Size
Low Noise & Vibration



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S Series



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S Series



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T Series

LBP
High Reliability
Very Compact Size
Low Noise & Vibration



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Y Series

LBP
High Reliability
Very Compact Size
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Y Series

LBP
High Reliability
Very Compact Size
Low Noise & Vibration



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