



DAMING
REFRIGERATION

Спиральные герметичные компрессоры DAMING.

Согласованная работа спиралей в радиальном и осевом направлении для защиты компрессора от грязи и жидкости.

Минимальная вибрация, низкий уровень шума.

Улучшенная технология пуска: снижение внутреннего давления между деталями после остановки компрессора.

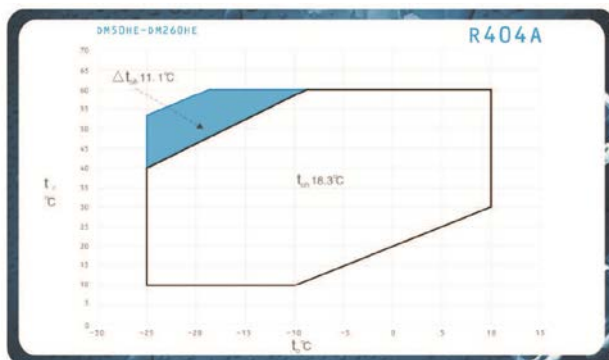
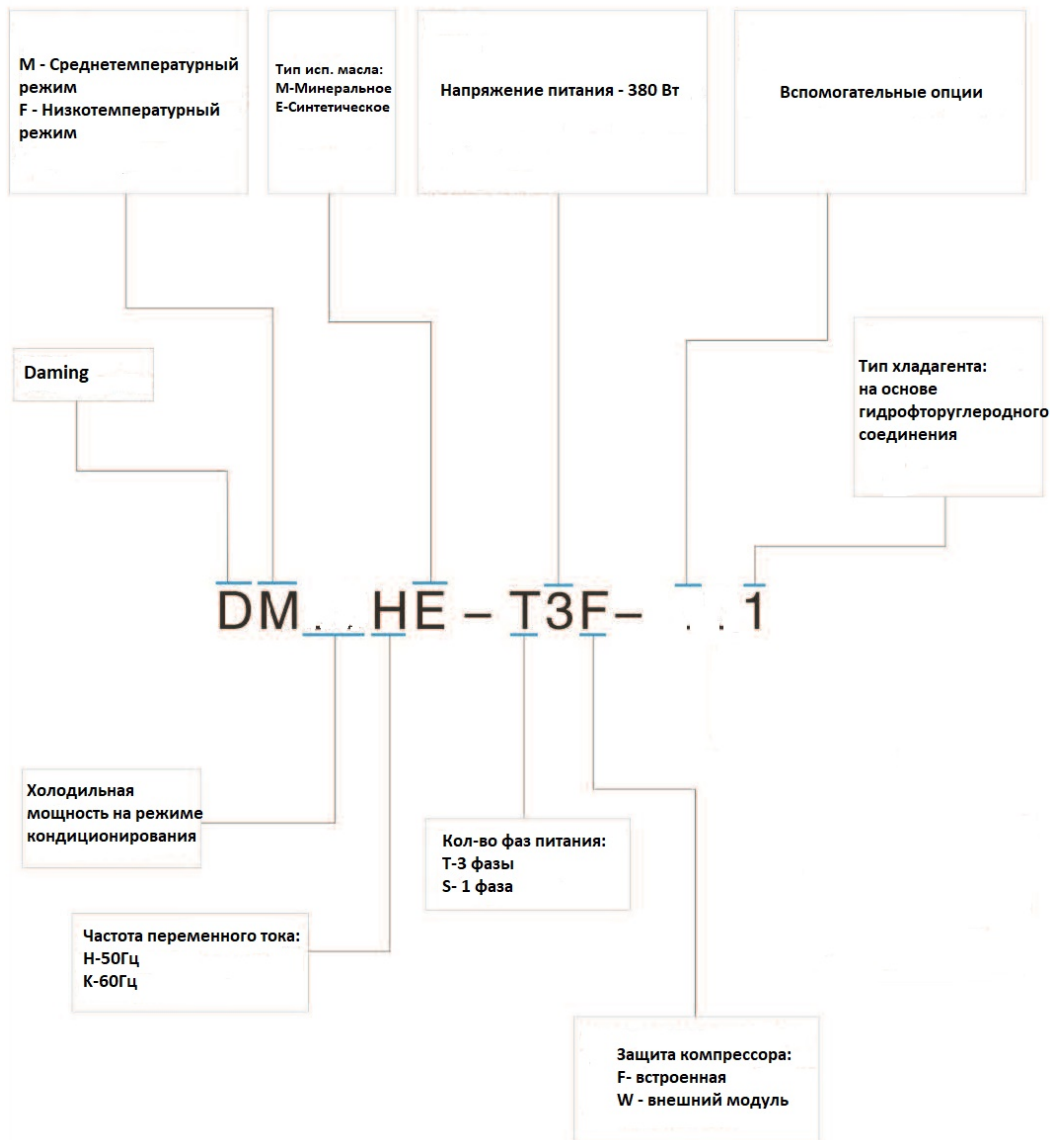
Хладагенты R404A / R507A

| | Холодопроизводительность Ткд=+40°C, кВт | | Ном. мощность, кВт | Диаметры соед. патрубков, мм | Объемная производительность, м куб/час | Масса, кг | Цена (Руб) |
|-----------------|---|------------|--------------------------|---------------------------------------|--|--------------|------------|
| | Ткип=-8°C | Ткип=-25°C | | | | | |
| DM132HE-T3F-S01 | 15,63 | | 5,75 | 7/8 / 1 1/8 | 21,6 | 54 | 58500 |
| DM182HE-T3F-S01 | 20,95 | | 7,45 | 7/8 / 1 1/8 | 29,1 | 54 | 61300 |
| DM200HE-T3F-S01 | 24,79 | | 8,85 | 7/8 / 1 1/8 | 33,1 | 56 | 62800 |
| DF76HE-T3F-S01 | 19,93 | 10,51 | 5,71 | 7/8 / 1 1/8 | 29,1 | 54 | 67200 |

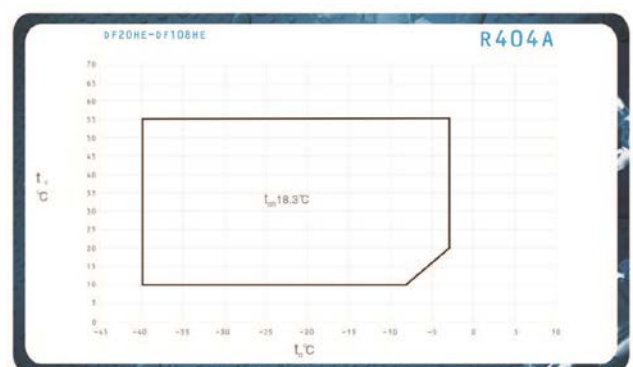
Комплектация:

- Соединение типа "Rotalock".
- DTC вентиль.

г.Москва, ул.Малышева д.11 корп.3
Тел.: (495)785-95-95, www.promholod.com



t_e (°C) : Evaporating temperature (°C)
 t_{s1} (°C) : Suction gas temperature (°C)
 Δt_s (K) : Suction superheat (K) — Maximum inspiratory superheat in blue wire 11.1K
 t_c (°C) : Condensing temperature (°C) — Return temperature in black wire frame 18.3°C



t_e (°C) : Evaporating temperature (°C)
 t_{s1} (°C) : Suction gas temperature (°C)
 t_c (°C) : Condensing temperature (°C)
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Технические параметры

DM - серия

380V/420V, 3Phase, 50Hz 380V/420V, 3Phase, 50Hz

| MODEL | DM50HM | | DM56HM | | DM132HM | | DM182HM | | DM200HM | | DM260HM | |
|--|------------------------|---------------------------------|---------|---------|---------|---------|---------|--|---------|--|---------|--|
| | DM50HE | DM56HE | DM132HE | DM182HE | DM200HE | DM260HE | 3Phase | | | | | |
| MOTOR TYPE | | 1Phase | | | | | | | | | | |
| Nominal Power | H.P. | 3 | 5 | 8 | 10 | 12 | 15 | | | | | |
| Displacement | m ³ /h | 8.6 | 14.3 | 21.6 | 29.1 | 55.1 | 42.6 | | | | | |
| Locked-rotor amperes (LRA) | (A) | | | | | | | | | | | |
| | 3PH | 40 | 65.5 | 115 | 118 | 121 | 145 | | | | | |
| Rated Load amperes (RLA) | (A) | | | | | | | | | | | |
| | 3PH | 5.7 | 8.7 | 14.3 | 19.2 | 22.1 | 27.1 | | | | | |
| Maximum continuous operating current (MOC) | (A) | | | | | | | | | | | |
| | 3PH | 8.1 | 13.3 | 19.8 | 26.9 | 31.1 | 38.2 | | | | | |
| Run capacitor (1 Ph) | | 50µF/370V | | | | | | | | | | |
| | | | | | | | | | | | | |
| Crankcase heating power | W | 70 70 90 90 90 90 | | | | | | | | | | |
| | | | | | | | | | | | | |
| Outside Dimension (OD) | Exhaust pipe (O/P) | 1/2 1/2 7/8 7/8 7/8 7/8 | | | | | | | | | | |
| | Air suction pipe (S/P) | 7/8 7/8 1 1/8 1 1/8 1 1/8 1 1/8 | | | | | | | | | | |
| Outside Dimension (OD) | L | 242 242 242 242 242 242 | | | | | | | | | | |
| | W | 242 242 242 242 242 242 | | | | | | | | | | |
| | H | 415 455 540 540 540 540 | | | | | | | | | | |
| Foot mounting dimensions (Aperture) | | 190x190 (8.5) | | | | | | | | | | |
| Oil Volume | L | 1.4 1.9 3.4 3.4 3.4 3.4 | | | | | | | | | | |
| | | | | | | | | | | | | |
| Weight | Net weight | 28 37 54 54 56 56 | | | | | | | | | | |
| | Gross Weight | 29 38 55 55 57 57 | | | | | | | | | | |

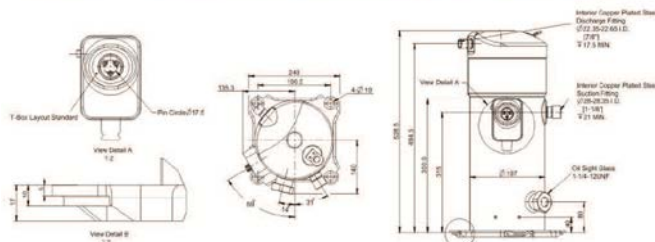
DF - серия

| MODEL | DF20HM | | DF55HM | | DF55HM | | DF76HM | | DF91HM | | DF108HM | |
|--|--------------------|-------------------------------------|--------|--------|--------|---------|--------|--|--------|--|---------|--|
| | DF20HE | DF55HE | DF55HE | DF76HE | DF91HE | DF108HE | 3Phase | | | | | |
| Nominal Power | HP | 3 | 5 | 8 | 10 | 12 | 15 | | | | | |
| Displacement | m ³ /hr | 8.6 | 14.3 | 21.4 | 29.1 | 33.1 | 42.4 | | | | | |
| MOTOR TYPE | | 1Phase | | | | | | | | | | |
| 50Hz 380-420V 3P | T3F | T3F | T3F | T3F | T3F | T3F | T3F | | | | | |
| | T3F | T3F | T3F | T3F | T3F | T3F | T3F | | | | | |
| Locked-rotor amperes (LRA) | (A) | | | | | | | | | | | |
| | 3PH | 40 | 64 | 102 | 100 | 118 | 139 | | | | | |
| Rated Load amperes (RLA) | (A) | | | | | | | | | | | |
| | 3PH | 5.6 | 7.5 | 9.9 | 100 | 125 | 139 | | | | | |
| Maximum operating current (MOC) | (A) | | | | | | | | | | | |
| | 3PH | 6 | 10 | 13.7 | 25 | 29 | 30 | | | | | |
| Maximum continuous operating current (MOC) | (A) | | | | | | | | | | | |
| | 3PH | 6 | 10 | 13.7 | 25 | 29 | 30 | | | | | |
| Rated Load amperes (RLA/MOC/1.4) | (A) | | | | | | | | | | | |
| | 3PH | 4.6 | 8.6 | 11.9 | 17.9 | 19.3 | 20.2 | | | | | |
| Crankcase heating power | Watt | 70 70 70 90 90 90 90 | | | | | | | | | | |
| | | | | | | | | | | | | |
| Outer diameter dimension of threaded joint | air suction pipe | 31.75(1.25-12) | | | | | | | | | | |
| | exhaust pipe | 25.4(1.00-14) | | | | | | | | | | |
| | injection orifice | 31.75(1.25-12) | | | | | | | | | | |
| Outer diameter dimension of welded joint | air suction pipe | 11/16 11/16 11/16 11/16 11/16 11/16 | | | | | | | | | | |
| | exhaust pipe | 7/8 7/8 7/8 7/8 7/8 7/8 | | | | | | | | | | |
| | injection orifice | 1/2 1/2 1 1/8 1 1/8 1 1/8 1 1/8 | | | | | | | | | | |
| Dimensions | L | 231 228 239.5 239.5 239.5 239.5 | | | | | | | | | | |
| | W | 231 228 239.5 239.5 239.5 239.5 | | | | | | | | | | |
| | H | 385 440 526.5 526.5 526.5 526.5 | | | | | | | | | | |
| Foot mounting dimensions (Aperture) | | 190x190 (8.5) | | | | | | | | | | |
| Oil Volume | L | 1.3 1.9 3.4 3.4 3.4 3.4 | | | | | | | | | | |
| | | | | | | | | | | | | |
| Weight | Net weight | 28 37 54 54 56 56 | | | | | | | | | | |
| | Gross Weight | 29 38 55 55 57 57 | | | | | | | | | | |

Габаритные чертежи

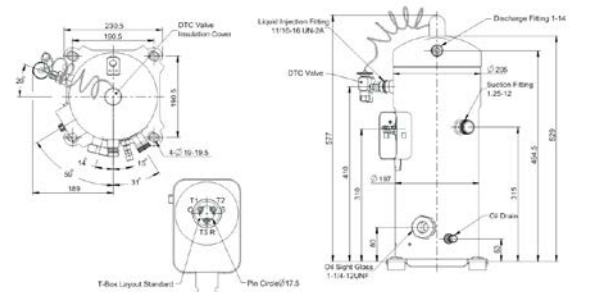
DM – серия

DM132HM-DM260HM/DSM132HM-DSM260HM Welding interface & Oil sight glass



DF - серия

DF55HM-DF108HM Welding interface & Oil sight glass



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Таблицы производительности

380V/420V, 3Phase, 50Hz

| MODEL | | Condensing Temp. (°C) -tc | Evaporating Temperature (°C) - to | | | | | | |
|---------|-----------|---------------------------|-----------------------------------|-------|-------|-------|-------|-------|-------|
| | | | -25 | -20 | -15 | -10 | -5 | 0 | 5 |
| DM132HE | C/C (Kw) | 30 | 8.89 | 11.25 | 13.95 | 16.99 | 20.59 | 24.59 | 29.19 |
| | | 40 | 7.05 | 9.25 | 11.69 | 14.39 | 17.49 | 20.99 | 24.89 |
| | | 50 | 5.81 | 6.89 | 9.09 | 11.49 | 14.15 | 17.09 | 20.39 |
| | POWER(Kw) | 30 | 4.56 | 4.57 | 4.59 | 4.61 | 4.64 | 4.67 | 4.69 |
| | | 40 | 5.85 | 5.79 | 5.75 | 5.75 | 5.75 | 5.75 | 5.75 |
| | | 50 | 6.55 | 7.45 | 7.35 | 7.25 | 7.21 | 7.15 | 7.15 |
| DM182HE | C/C (Kw) | 30 | 12.39 | 15.39 | 18.79 | 22.79 | 27.39 | 32.49 | 38.49 |
| | | 40 | 10.89 | 13.29 | 16.09 | 19.39 | 23.29 | 27.79 | 32.99 |
| | | 50 | 7.45 | 11.19 | 13.19 | 15.69 | 18.69 | 22.19 | 26.39 |
| | POWER(Kw) | 30 | 5.79 | 5.89 | 5.99 | 6.05 | 6.15 | 6.25 | 6.39 |
| | | 40 | 7.25 | 7.29 | 7.39 | 7.45 | 7.49 | 7.59 | 7.69 |
| | | 50 | 8.48 | 9.15 | 9.19 | 9.25 | 9.25 | 9.31 | 9.39 |
| DM200HE | C/C (Kw) | 30 | 15.46 | 17.85 | 21.56 | 26.67 | 31.79 | 37.81 | 45.61 |
| | | 40 | 11.09 | 14.75 | 19.06 | 22.99 | 27.48 | 33.36 | 38.54 |
| | | 50 | 8.97 | 11.56 | 13.24 | 17.11 | 22.02 | 27.45 | 32.49 |
| | POWER(Kw) | 30 | 5.99 | 6.71 | 6.62 | 6.57 | 6.68 | 7.08 | 7.91 |
| | | 40 | 7.65 | 8.77 | 8.81 | 8.85 | 8.89 | 8.93 | 8.98 |
| | | 50 | 9.67 | 9.98 | 10.88 | 10.91 | 10.98 | 11.01 | 11.07 |

380V/420V, 3Phase, 50Hz

| MODEL | | Condensing Temp. (°C) -tc | Evaporating Temperature (°C) - to | | | | | | | |
|--------|-----------|---------------------------|-----------------------------------|------|------|-------|-------|-------|-------|-------|
| | | | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 |
| DF76HE | C/C (Kw) | 30 | 6.03 | 7.72 | 9.67 | 11.94 | 14.57 | 17.62 | 21.16 | 25.23 |
| | | 40 | 5.31 | 6.82 | 8.54 | 10.51 | 12.79 | 15.44 | 18.51 | 22.06 |
| | | 50 | 4.47 | 5.79 | 7.25 | 8.91 | 10.81 | 13.01 | 15.59 | 18.58 |
| | POWER(Kw) | 30 | 4.18 | 4.41 | 4.67 | 4.93 | 5.22 | 5.53 | 5.85 | 6.21 |
| | | 40 | 4.85 | 5.16 | 5.46 | 5.77 | 6.08 | 6.41 | 6.73 | 7.07 |
| | | 50 | 5.66 | 6.04 | 6.41 | 6.77 | 7.13 | 7.48 | 7.82 | 8.16 |