

## Полугерметичные поршневые компрессоры DM

Высокоэффективные компрессоры DM отвечают сложным требованиям современных систем охлаждения.

Полугерметичные поршневые компрессоры обладают большой холодопроизводительностью при минимальном потреблении энергии и оптимизированы для использования хладагентов ГХФУ, ГФУ, ГФО, а также новых смесевых хладагентов с низким ПГП



### Характеристики и преимущества:

- Расширенная область применения;
- Высокая производительность и минимальное энергопотребление;
- Бесшумность и низкая вибрация;
- Надежность;
- Эффективное регулирование производительности

### Расшифровка

| Компрессор                  |                     | RFC | 4 | D | - | 5 | .2 |
|-----------------------------|---------------------|-----|---|---|---|---|----|
| Серия                       |                     |     |   |   |   |   |    |
| RFC                         | REF-COLD            |     |   |   |   |   |    |
| Количество цилиндров        |                     |     |   |   |   |   |    |
| 4                           | 4 Цилиндра          |     |   |   |   |   |    |
| 6                           | 6 Цилиндров         |     |   |   |   |   |    |
| Тип                         |                     |     |   |   |   |   |    |
| G                           | Среднетемпературный |     |   |   |   |   |    |
| D                           | Низкотемпературный  |     |   |   |   |   |    |
| Номинальная мощность мотора |                     |     |   |   |   |   |    |
| 5                           | Hp                  |     |   |   |   |   |    |
| Версия                      |                     |     |   |   |   |   |    |
| 2                           | 2                   |     |   |   |   |   |    |

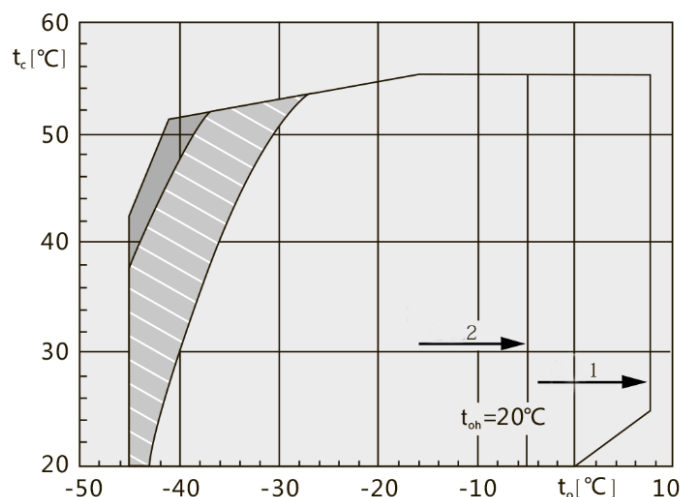
## Области

**применения** При температуре всасываемого пара

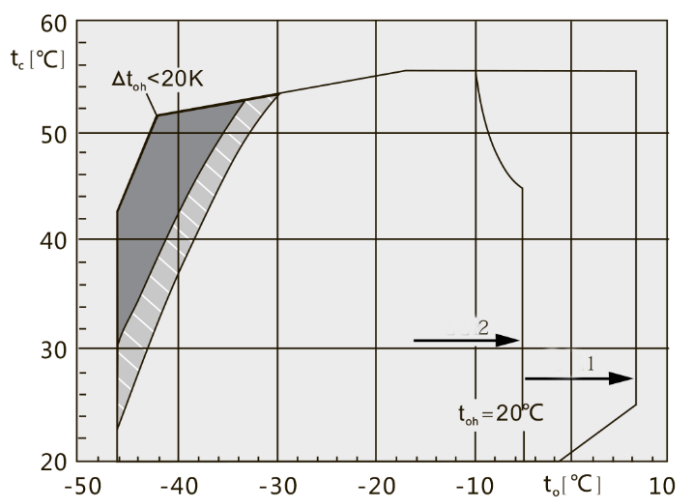
20°C

Рабочий диапазон для R404A/507A

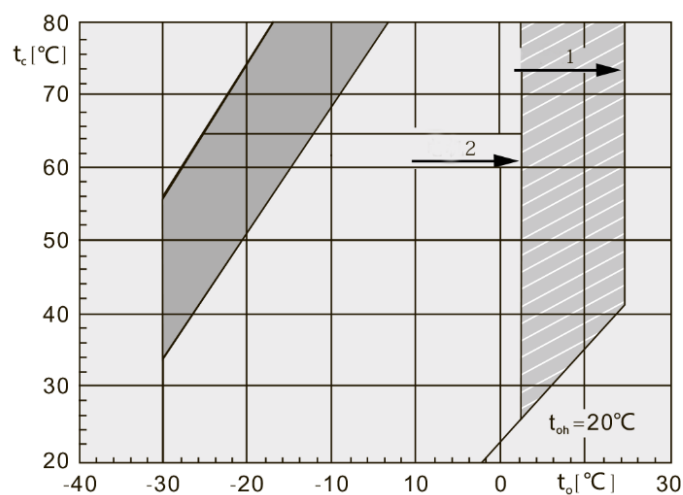
**RFC4D-3.2—RFC4G-9.2**



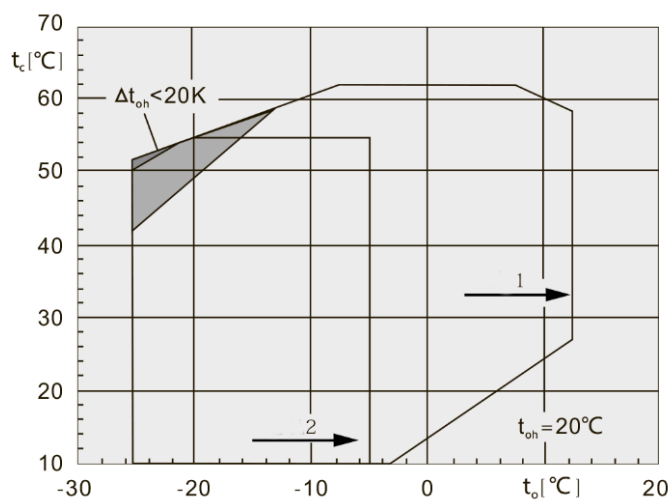
**RFC4D-8.2-RFC6G-50.2**



**R134a**



**R407C**



$t_o$  Температура испарения (°C)

$t_{oh}$  Температура всасываемого пара (°C)

$\Delta t_{oh}$  Перегрев всасываемого пара (K)

$t_c$  Температура конденсации (°C)

Доп. Охлаждение или ограничение

Дополнительное охлаждение

Доп. Охлаждение+ ограничение

Перегрев всасываемого пара

## Производительность R404A/507A

| Модель                    | Темп. Конд (°C) -tс | Холодопроизводительность Q (кВт) Потребляемая мощность Pe (кВт) |       |       |       |       |       |       |       |       |       |      |      |      |
|---------------------------|---------------------|-----------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
|                           |                     | Температура кипения (°C)                                        |       |       |       |       |       |       |       |       |       |      |      |      |
|                           |                     |                                                                 | 7,5   | 5     | 0     | -5    | -10   | -15   | -20   | -25   | -30   | -35  | -40  | -45  |
| <a href="#">RFC4D-3.2</a> | 30                  | Q <sub>0</sub>                                                  |       |       |       | 13.72 | 11.33 | 9.26  | 7.47  | 5.94  | 4.63  | 3.51 | 2.58 | 1.80 |
|                           |                     | Pe                                                              |       |       |       | 3.85  | 3.66  | 3.44  | 3.18  | 2.90  | 2.58  | 2.24 | 1.88 | 1.50 |
|                           | 40                  | Q <sub>0</sub>                                                  |       |       |       | 11.56 | 9.52  | 7.74  | 6.20  | 4.88  | 3.75  | 2.79 | 1.98 | 1.31 |
|                           |                     | Pe                                                              |       |       |       | 4.42  | 4.10  | 3.76  | 3.40  | 3.03  | 2.63  | 2.23 | 1.82 | 1.40 |
|                           | 50                  | Q <sub>0</sub>                                                  |       |       |       | 9.45  | 7.74  | 6.26  | 4.97  | 3.86  | 2.91  | 2.11 | 1.43 |      |
|                           |                     | Pe                                                              |       |       |       | 4.91  | 4.48  | 4.04  | 3.59  | 3.13  | 2.67  | 2.22 | 1.77 |      |
| <a href="#">RFC4G-5.2</a> | 30                  | Q <sub>0</sub>                                                  | 21.55 | 19.79 | 16.59 | 13.81 | 11.40 | 9.32  | 7.52  | 5.97  | 4.65  | 3.53 | 2.58 |      |
|                           |                     | Pe                                                              | 3.78  | 3.79  | 3.76  | 3.67  | 3.52  | 3.32  | 3.07  | 2.79  | 2.48  | 2.15 | 1.81 |      |
|                           | 40                  | Q <sub>0</sub>                                                  | 18.24 | 16.74 | 14.2  | 11.65 | 9.58  | 7.79  | 6.24  | 4.90  | 3.76  | 2.79 | 1.97 |      |
|                           |                     | Pe                                                              | 4.65  | 4.60  | 4.46  | 4.25  | 3.99  | 3.69  | 3.35  | 2.98  | 2.59  | 2.18 | 1.76 |      |
|                           | 50                  | Q <sub>0</sub>                                                  | 14.97 | 13.73 | 11.47 | 9.50  | 7.78  | 6.28  | 4.98  | 3.86  | 2.90  | 2.09 | 1.41 |      |
|                           |                     | Pe                                                              | 5.44  | 5.33  | 5.07  | 4.75  | 4.39  | 3.98  | 3.55  | 3.10  | 2.62  | 2.14 | 1.65 |      |
| <a href="#">RFC4D-4.2</a> | 30                  | Q <sub>0</sub>                                                  |       |       |       | 17.33 | 14.29 | 11.66 | 9.40  | 7.45  | 5.80  | 4.39 | 3.21 | 2.22 |
|                           |                     | Pe                                                              |       |       |       | 4.61  | 4.39  | 4.12  | 3.81  | 3.45  | 3.06  | 2.65 | 2.22 | 1.78 |
|                           | 40                  | Q <sub>0</sub>                                                  |       |       |       | 14.44 | 11.87 | 9.65  | 7.72  | 6.07  | 4.65  | 3.45 | 2.44 | 1.59 |
|                           |                     | Pe                                                              |       |       |       | 5.28  | 4.93  | 4.53  | 4.10  | 3.64  | 3.15  | 2.65 | 2.14 | 1.63 |
|                           | 50                  | Q <sub>0</sub>                                                  |       |       |       | 11.65 | 9.55  | 7.72  | 6.13  | 4.76  | 3.59  | 2.59 | 1.75 |      |
|                           |                     | Pe                                                              |       |       |       | 5.86  | 5.39  | 4.87  | 4.33  | 3.77  | 3.19  | 2.60 | 2.02 |      |
| <a href="#">RFC4G-6.2</a> | 30                  | Q <sub>0</sub>                                                  | 27.5  | 25.2  | 21.1  | 17.58 | 14.5  | 11.83 | 9.53  | 7.55  | 5.86  | 4.42 | 3.21 |      |
|                           |                     | Pe                                                              | 4.73  | 4.75  | 4.73  | 4.62  | 4.43  | 4.17  | 3.85  | 3.48  | 3.08  | 2.65 | 2.21 |      |
|                           | 40                  | Q <sub>0</sub>                                                  | 23.15 | 21.25 | 17.78 | 14.75 | 12.12 | 9.84  | 7.86  | 6.16  | 4.70  | 3.47 | 2.42 |      |
|                           |                     | Pe                                                              | 5.87  | 5.81  | 5.62  | 5.35  | 5.01  | 4.61  | 4.17  | 3.68  | 3.17  | 2.65 | 2.12 |      |
|                           | 50                  | Q <sub>0</sub>                                                  | 18.93 | 17.36 | 14.49 | 11.98 | 9.79  | 7.89  | 6.24  | 4.82  | 3.60  | 2.57 | 1.71 |      |
|                           |                     | Pe                                                              | 6.86  | 6.72  | 6.37  | 5.95  | 5.47  | 4.95  | 4.38  | 3.79  | 3.19  | 2.58 | 1.97 |      |
| <a href="#">RFC4D-5.2</a> | 30                  | Q <sub>0</sub>                                                  |       |       |       | 21.10 | 14.42 | 14.22 | 11.47 | 9.10  | 7.08  | 5.37 | 3.93 | 2.73 |
|                           |                     | Pe                                                              |       |       |       | 5.52  | 5.29  | 4.99  | 4.62  | 4.18  | 3.70  | 3.19 | 2.66 | 2.11 |
|                           | 40                  | Q <sub>0</sub>                                                  |       |       |       | 17.65 | 14.52 | 11.81 | 9.46  | 7.44  | 5.72  | 4.25 | 3.01 | 1.98 |
|                           |                     | Pe                                                              |       |       |       | 6.34  | 5.95  | 5.50  | 4.99  | 4.43  | 3.83  | 3.22 | 2.60 | 1.98 |
|                           | 50                  | Q <sub>0</sub>                                                  |       |       |       | 14.30 | 11.73 | 9.49  | 7.55  | 5.88  | 4.44  | 3.22 | 2.19 |      |
|                           |                     | Pe                                                              |       |       |       | 7.07  | 6.53  | 5.93  | 5.29  | 4.62  | 3.92  | 3.22 | 2.52 |      |
| <a href="#">RFC4G-7.2</a> | 30                  | Q <sub>0</sub>                                                  | 32.60 | 29.90 | 25.00 | 20.80 | 17.12 | 13.95 | 11.21 | 8.86  | 6.86  | 5.16 | 3.72 |      |
|                           |                     | Pe                                                              | 5.49  | 5.52  | 5.51  | 5.39  | 5.18  | 4.88  | 4.52  | 4.10  | 3.63  | 3.12 | 2.59 |      |
|                           | 40                  | Q <sub>0</sub>                                                  | 27.50 | 25.2  | 21.10 | 17.49 | 14.35 | 11.63 | 9.27  | 7.25  | 5.51  | 4.04 | 2.80 |      |
|                           |                     | Pe                                                              | 6.81  | 6.75  | 6.55  | 6.26  | 5.88  | 5.43  | 4.91  | 4.35  | 3.74  | 3.11 | 2.47 |      |
|                           | 50                  | Q <sub>0</sub>                                                  | 22.50 | 20.60 | 17.21 | 14.23 | 11.62 | 9.35  | 7.38  | 5.69  | 4.24  | 3.01 | 1.98 |      |
|                           |                     | Pe                                                              | 7.398 | 7.83  | 7.46  | 7.00  | 6.46  | 5.86  | 5.20  | 4.50  | 3.76  | 3.03 | 2.28 |      |
| <a href="#">RFC4D-6.2</a> | 30                  | Q <sub>0</sub>                                                  |       |       |       | 24.95 | 20.65 | 16.90 | 13.76 | 10.90 | 8.54  | 6.53 | 4.84 | 3.42 |
|                           |                     | Pe                                                              |       |       |       | 6.65  | 6.36  | 5.98  | 5.52  | 5.01  | 4.45  | 3.86 | 3.25 | 2.63 |
|                           | 40                  | Q <sub>0</sub>                                                  |       |       |       | 21.10 | 17.42 | 14.20 | 11.42 | 9.03  | 6.98  | 5.24 | 3.77 | 2.54 |
|                           |                     | Pe                                                              |       |       |       | 7.64  | 7.17  | 6.63  | 6.03  | 5.37  | 4.67  | 3.94 | 3.21 | 2.47 |
|                           | 50                  | Q <sub>0</sub>                                                  |       |       |       | 17.32 | 14.22 | 11.52 | 9.19  | 7.18  | 5.46  | 4.00 | 2.77 |      |
|                           |                     | Pe                                                              |       |       |       | 8.61  | 7.98  | 7.28  | 6.51  | 5.71  | 4.87  | 4.01 | 3.14 |      |
| <a href="#">RFC4G-9.2</a> | 30                  | Q <sub>0</sub>                                                  | 38.80 | 35.60 | 29.90 | 24.90 | 20.60 | 16.88 | 13.66 | 10.89 | 8.53  | 6.53 | 4.84 |      |
|                           |                     | Pe                                                              | 6.85  | 6.87  | 6.82  | 6.64  | 6.36  | 5.98  | 5.53  | 5.01  | 4.45  | 3.86 | 3.25 |      |
|                           | 40                  | Q <sub>0</sub>                                                  | 32.85 | 30.15 | 25.30 | 21.10 | 17.41 | 14.21 | 11.44 | 9.05  | 7.00  | 5.25 | 3.77 |      |
|                           |                     | Pe                                                              | 8.35  | 8.27  | 8.01  | 7.64  | 7.18  | 6.63  | 6.02  | 5.36  | 4.66  | 3.94 | 3.21 |      |
|                           | 50                  | Q <sub>0</sub>                                                  | 27.05 | 24.85 | 20.90 | 17.38 | 14.31 | 11.62 | 9.82  | 7.24  | 5.48  | 3.96 | 2.66 |      |
|                           |                     | Pe                                                              | 9.8   | 9.62  | 9.16  | 8.61  | 7.98  | 7.28  | 6.52  | 5.71  | 4.87  | 4.01 | 3.14 |      |
| <a href="#">RFC4D-8.2</a> | 30                  | Q <sub>0</sub>                                                  |       |       |       | 33.05 | 27.25 | 22.20 | 17.89 | 14.17 | 10.99 | 8.30 | 6.04 | 4.15 |
|                           |                     | Pe                                                              |       |       |       | 8.74  | 8.17  | 7.55  | 6.87  | 6.16  | 5.41  | 4.64 | 3.86 | 3.07 |
|                           | 40                  | Q <sub>0</sub>                                                  |       |       |       | 27.75 | 22.80 | 18.48 | 14.76 | 11.56 | 8.83  | 6.52 | 4.58 | 2.96 |
|                           |                     | Pe                                                              |       |       |       | 9.86  | 9.05  | 8.20  | 7.34  | 6.46  | 5.57  | 4.66 | 3.74 | 2.81 |
|                           | 50                  | Q <sub>0</sub>                                                  |       |       |       |       | 18.35 | 14.79 | 11.71 | 9.07  | 6.80  | 4.88 | 3.26 |      |
|                           |                     | Pe                                                              |       |       |       |       | 9.74  | 8.71  | 7.68  | 6.65  | 5.61  | 4.55 | 3.46 |      |

Q (кВт) = Холодопроизводительность (кВт)

Pe (кВт) = Потребляемая мощность (кВт)

Данные по производительности 50Hz при температуре всасываемого пара 20°C, без переохлаждения жидкости

Дополнительное охлаждение или ограничение температуры всасываемого пара

## Производительность R404A/507A

| Модель     | Темп. Конд (°C) -tc | Холодопроизводительность Q (кВт) Потребляемая мощность Pe (кВт) |        |       |       |       |       |       |       |       |       |       |       |      |  |
|------------|---------------------|-----------------------------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--|
|            |                     | Температура кипения (°C)                                        |        |       |       |       |       |       |       |       |       |       |       |      |  |
|            |                     |                                                                 | 7,5    | 5     | 0     | -5    | -10   | -15   | -20   | -25   | -30   | -35   | -40   | -45  |  |
| RFC4G-12.2 | 30                  | Q <sub>0</sub>                                                  | 51.50  | 47.20 | 39.45 | 32.75 | 26.90 | 21.90 | 17.55 | 13.83 | 10.65 | 7.96  | 5.70  |      |  |
|            |                     | Pe                                                              | 8.63   | 8.63  | 8.49  | 8.22  | 7.81  | 7.29  | 6.68  | 6.00  | 5.26  | 4.48  | 3.68  |      |  |
|            | 40                  | Q <sub>0</sub>                                                  | 43.50  | 39.85 | 33.30 | 27.55 | 22.60 | 18.26 | 14.53 | 11.32 | 8.59  | 6.27  | 4.32  |      |  |
|            |                     | Pe                                                              | 10.66  | 10.47 | 9.99  | 9.40  | 8.72  | 7.96  | 7.15  | 6.29  | 5.40  | 4.51  | 3.62  |      |  |
|            | 50                  | Q <sub>0</sub>                                                  | 35.40  | 32.40 | 27.05 | 22.35 | 18.23 | 14.65 | 11.55 | 8.88  | 6.59  | 4.65  | 3.02  |      |  |
|            |                     | Pe                                                              | 12.28  | 11.93 | 11.17 | 10.33 | 9.42  | 8.45  | 7.45  | 6.42  | 5.39  | 4.36  | 3.36  |      |  |
| RFC4D-10.2 | 30                  | Q <sub>0</sub>                                                  |        |       |       | 38.3  | 31.6  | 25.75 | 20.70 | 16.39 | 12.69 | 9.55  | 6.91  | 4.69 |  |
|            |                     | Pe                                                              |        |       |       | 10.07 | 9.37  | 8.64  | 7.87  | 7.06  | 6.22  | 5.34  | 4.43  | 3.48 |  |
|            | 40                  | Q <sub>0</sub>                                                  |        |       |       | 32.30 | 26.50 | 21.50 | 17.13 | 13.40 | 10.22 | 7.52  | 5.24  | 3.35 |  |
|            |                     | Pe                                                              |        |       |       | 11.39 | 10.45 | 9.47  | 8.45  | 7.41  | 6.35  | 5.30  | 4.25  | 3.22 |  |
|            | 50                  | Q <sub>0</sub>                                                  |        |       |       |       | 21.50 | 17.29 | 13.66 | 10.55 | 7.89  | 5.64  | 3.76  |      |  |
|            |                     | Pe                                                              |        |       |       |       | 11.26 | 10.04 | 8.80  | 7.53  | 6.28  | 5.05  | 3.88  |      |  |
| RFC4G-15.2 | 30                  | Q <sub>0</sub>                                                  | 61.50  | 56.40 | 47.10 | 39.05 | 32.10 | 26.00 | 20.80 | 16.32 | 12.49 | 9.24  | 6.50  |      |  |
|            |                     | Pe                                                              | 10.23  | 10.19 | 9.96  | 9.58  | 9.06  | 8.43  | 7.70  | 6.90  | 6.04  | 5.14  | 4.23  |      |  |
|            | 40                  | Q <sub>0</sub>                                                  | 52.20  | 47.85 | 39.95 | 33.05 | 27.05 | 21.85 | 17.36 | 13.49 | 10.19 | 7.39  | 5.02  |      |  |
|            |                     | Pe                                                              | 12.41  | 12.14 | 11.51 | 10.79 | 9.99  | 9.11  | 8.18  | 7.19  | 6.17  | 5.13  | 4.07  |      |  |
|            | 50                  | Q <sub>0</sub>                                                  | 42.60  | 39.00 | 32.50 | 26.75 | 21.80 | 17.42 | 13.68 | 10.46 | 7.71  | 5.38  | 3.42  |      |  |
|            |                     | Pe                                                              | 14.27  | 13.78 | 12.78 | 11.73 | 10.66 | 9.55  | 8.43  | 7.28  | 6.11  | 4.94  | 3.75  |      |  |
| RFC4D-12.2 | 30                  | Q <sub>0</sub>                                                  |        |       |       | 44.00 | 36.25 | 29.55 | 23.75 | 18.81 | 14.58 | 11.00 | 7.98  | 5.47 |  |
|            |                     | Pe                                                              |        |       |       | 11.88 | 11.15 | 10.30 | 9.35  | 8.35  | 7.30  | 6.23  | 5.19  | 4.18 |  |
|            | 40                  | Q <sub>0</sub>                                                  |        |       |       | 37.30 | 30.60 | 24.80 | 19.81 | 15.51 | 11.84 | 8.75  | 6.21  | 3.95 |  |
|            |                     | Pe                                                              |        |       |       | 13.39 | 12.33 | 11.18 | 9.97  | 8.71  | 7.44  | 6.19  | 4.99  | 3.87 |  |
|            | 50                  | Q <sub>0</sub>                                                  |        |       |       |       | 24.85 | 20.00 | 15.82 | 12.21 | 9.12  | 6.51  | 4.30  |      |  |
|            |                     | Pe                                                              |        |       |       |       | 13.28 | 11.83 | 10.37 | 8.91  | 7.45  | 6.01  | 4.60  |      |  |
| RFC4G-20.2 | 30                  | Q <sub>0</sub>                                                  | 71.00  | 65.10 | 54.50 | 45.25 | 37.20 | 30.25 | 24.25 | 19.07 | 14.64 | 10.86 | 7.60  |      |  |
|            |                     | Pe                                                              | 12.24  | 12.20 | 11.94 | 11.47 | 1.82  | 10.4  | 9.14  | 8.16  | 7.12  | 6.07  | 5.02  |      |  |
|            | 40                  | Q <sub>0</sub>                                                  | 60.50  | 55.40 | 46.25 | 38.20 | 31.25 | 25.20 | 20.00 | 15.53 | 11.73 | 8.51  | 5.82  |      |  |
|            |                     | Pe                                                              | 14.78  | 14.49 | 13.79 | 12.91 | 11.91 | 10.80 | 9.62  | 8.40  | 7.16  | 5.95  | 4.78  |      |  |
|            | 50                  | Q <sub>0</sub>                                                  | 49.90  | 45.65 | 37.90 | 31.10 | 25.25 | 20.15 | 15.76 | 12.01 | 8.84  | 6.18  | 3.98  |      |  |
|            |                     | Pe                                                              | 16.78  | 16.28 | 15.18 | 13.95 | 12.63 | 11.24 | 9.81  | 8.38  | 6.97  | 5.63  | 4.37  |      |  |
| RFC4D-15.2 | 30                  | Q <sub>0</sub>                                                  |        |       |       | 58.50 | 48.40 | 39.70 | 32.20 | 25.75 | 20.25 | 15.56 | 11.63 | 8.35 |  |
|            |                     | Pe                                                              |        |       |       | 15.78 | 14.84 | 13.79 | 12.63 | 11.40 | 10.10 | 8.77  | 7.43  | 6.10 |  |
|            | 40                  | Q <sub>0</sub>                                                  |        |       |       | 49.85 | 41.15 | 33.60 | 27.10 | 21.50 | 16.73 | 12.66 | 9.24  | 6.38 |  |
|            |                     | Pe                                                              |        |       |       | 18.16 | 16.80 | 15.34 | 13.82 | 12.25 | 10.65 | 9.05  | 7.47  | 5.93 |  |
|            | 50                  | Q <sub>0</sub>                                                  |        |       |       |       | 33.95 | 27.60 | 22.05 | 17.33 | 13.27 | 9.82  | 6.92  |      |  |
|            |                     | Pe                                                              |        |       |       |       | 18.50 | 16.67 | 14.80 | 12.91 | 11.03 | 9.17  | 7.37  |      |  |
| RFC4G-25.2 | 30                  | Q <sub>0</sub>                                                  | 90.70  | 83.20 | 69.70 | 57.90 | 47.75 | 38.95 | 31.35 | 24.80 | 19.21 | 14.46 | 10.46 |      |  |
|            |                     | Pe                                                              | 16.14  | 16.07 | 15.72 | 15.14 | 14.36 | 13.41 | 12.31 | 11.11 | 9.81  | 8.46  | 7.08  |      |  |
|            | 40                  | Q <sub>0</sub>                                                  | 77.40  | 71.00 | 59.50 | 49.40 | 40.65 | 33.00 | 26.45 | 20.80 | 15.93 | 11.80 | 8.23  |      |  |
|            |                     | Pe                                                              | 19.56  | 19.22 | 18.37 | 17.32 | 16.11 | 14.76 | 13.31 | 11.78 | 10.20 | 8.60  | 7.00  |      |  |
|            | 50                  | Q <sub>0</sub>                                                  | 64.50  | 59.10 | 49.50 | 41.00 | 33.60 | 27.20 | 21.60 | 16.83 | 12.74 | 9.26  | 6.34  |      |  |
|            |                     | Pe                                                              | 22.78  | 22.18 | 20.84 | 19.33 | 17.71 | 15.98 | 14.18 | 12.34 | 10.49 | 8.65  | 6.86  |      |  |
| RFC4D-20.2 | 30                  | Q <sub>0</sub>                                                  |        |       |       | 67.10 | 55.50 | 45.40 | 36.75 | 29.35 | 23.00 | 17.60 | 13.06 | 9.26 |  |
|            |                     | Pe                                                              |        |       |       | 18.22 | 17.22 | 15.89 | 14.55 | 13.12 | 11.62 | 10.08 | 8.53  | 6.97 |  |
|            | 40                  | Q <sub>0</sub>                                                  |        |       |       | 57.20 | 47.30 | 38.70 | 31.20 | 24.80 | 19.25 | 14.54 | 10.54 | 7.16 |  |
|            |                     | Pe                                                              |        |       |       | 20.94 | 19.36 | 17.68 | 15.93 | 14.13 | 12.30 | 10.47 | 8.65  | 6.89 |  |
|            | 50                  | Q <sub>0</sub>                                                  |        |       |       |       | 38.75 | 31.65 | 25.40 | 20.10 | 15.48 | 11.51 | 8.12  |      |  |
|            |                     | Pe                                                              |        |       |       |       | 21.25 | 19.15 | 17.02 | 14.87 | 12.73 | 10.63 | 8.60  |      |  |
| RFC4G-30.2 | 30                  | Q <sub>0</sub>                                                  | 103.80 | 95.30 | 79.90 | 66.50 | 54.90 | 44.90 | 36.25 | 28.80 | 22.45 | 17.04 | 12.48 |      |  |
|            |                     | Pe                                                              | 19.21  | 19.07 | 18.57 | 17.81 | 16.84 | 15.70 | 14.41 | 13.02 | 11.57 | 10.09 | 8.61  |      |  |
|            | 40                  | Q <sub>0</sub>                                                  | 89.10  | 81.80 | 68.60 | 57.00 | 47.00 | 38.25 | 30.70 | 24.20 | 18.61 | 13.86 | 9.85  |      |  |
|            |                     | Pe                                                              | 23.37  | 22.88 | 21.73 | 20.38 | 18.88 | 17.26 | 15.56 | 13.81 | 12.06 | 10.33 | 8.68  |      |  |
|            | 50                  | Q <sub>0</sub>                                                  | 74.30  | 68.20 | 57.10 | 47.40 | 38.90 | 31.50 | 25.10 | 19.58 | 14.84 | 10.81 | 7.41  |      |  |
|            |                     | Pe                                                              | 27.01  | 26.20 | 24.46 | 22.58 | 20.60 | 18.56 | 16.50 | 14.45 | 12.45 | 10.54 | 8.76  |      |  |

Q (кВт) = Холодопроизводительность (кВт)

Pe (кВт) = Потребляемая мощность (кВт)

Данные по производительности 50Hz при температуре всасываемого пара 20°C, без переохлаждения жидкости

■ Дополнительное охлаждение или ограничение температуры всасываемого пара

## Производительность R404A/507A

| Модель                     | Темп. Конд (°C) -tc | Холодопроизводительность Q (кВт) Потребляемая мощность Pe (кВт) |        |       |       |       |       |       |       |       |       |       |       |       |  |
|----------------------------|---------------------|-----------------------------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|                            |                     | Температура кипения (°C)                                        |        |       |       |       |       |       |       |       |       |       |       |       |  |
|                            |                     |                                                                 | 7,5    | 5     | 5     | -5    | -10   | -15   | -20   | -25   | -30   | -35   | -40   | -45   |  |
| <a href="#">RFC6D-25.2</a> | 30                  | Q <sub>0</sub>                                                  |        |       |       | 87.90 | 72.50 | 59.30 | 47.80 | 38.00 | 29.70 | 22.65 | 16.74 | 11.85 |  |
|                            |                     | Pe                                                              |        |       |       | 23.50 | 22.15 | 20.58 | 18.83 | 16.94 | 14.95 | 12.89 | 10.81 | 8.75  |  |
|                            | 40                  | Q <sub>0</sub>                                                  |        |       |       | 74.70 | 61.60 | 50.20 | 40.40 | 31.90 | 24.70 | 18.59 | 13.44 | 9.13  |  |
|                            |                     | Pe                                                              |        |       |       | 27.20 | 25.18 | 23.00 | 20.68 | 18.28 | 15.82 | 13.36 | 10.92 | 8.54  |  |
|                            | 50                  | Q <sub>0</sub>                                                  |        |       |       |       | 50.50 | 41.15 | 33.00 | 25.95 | 19.92 | 14.76 | 10.39 |       |  |
|                            |                     | Pe                                                              |        |       |       |       | 27.78 | 25.02 | 22.18 | 19.31 | 16.43 | 13.59 | 8.60  |       |  |
| <a href="#">RFC6G-35.2</a> | 30                  | Q <sub>0</sub>                                                  | 136.00 | 124.8 | 104.5 | 86.90 | 71.60 | 58.40 | 47.00 | 37.20 | 28.80 | 21.70 | 15.72 |       |  |
|                            |                     | Pe                                                              | 25.11  | 24.84 | 24.07 | 23.04 | 21.77 | 20.29 | 18.64 | 16.83 | 14.91 | 12.89 | 10.81 |       |  |
|                            | 40                  | Q <sub>0</sub>                                                  | 116.30 | 106.6 | 89.30 | 74.10 | 60.90 | 49.45 | 39.60 | 31.10 | 23.80 | 17.67 | 12.48 |       |  |
|                            |                     | Pe                                                              | 29.81  | 29.20 | 27.79 | 26.14 | 24.30 | 22.29 | 20.14 | 17.88 | 15.53 | 13.13 | 10.71 |       |  |
|                            | 50                  | Q <sub>0</sub>                                                  | 96.60  | 88.60 | 74.10 | 61.40 | 50.40 | 40.70 | 32.40 | 25.25 | 19.16 | 14.00 | 9.67  |       |  |
|                            |                     | Pe                                                              | 34.17  | 33.23 | 31.19 | 28.96 | 26.56 | 24.04 | 21.41 | 18.71 | 15.96 | 13.20 | 10.45 |       |  |
| <a href="#">RFC6D-30.2</a> | 30                  | Q <sub>0</sub>                                                  |        |       |       | 98.30 | 81.20 | 66.40 | 53.60 | 42.70 | 33.35 | 25.40 | 18.76 | 13.21 |  |
|                            |                     | Pe                                                              |        |       |       | 22.77 | 25.07 | 23.21 | 21.20 | 19.08 | 16.84 | 14.54 | 12.17 | 9.76  |  |
|                            | 40                  | Q <sub>0</sub>                                                  |        |       |       | 84.00 | 69.30 | 56.60 | 45.55 | 36.05 | 27.90 | 21.00 | 15.13 | 10.27 |  |
|                            |                     | Pe                                                              |        |       |       | 30.86 | 28.50 | 26.00 | 23.38 | 20.68 | 17.90 | 15.07 | 12.21 | 9.34  |  |
|                            | 50                  | Q <sub>0</sub>                                                  |        |       |       |       | 57.60 | 46.90 | 37.60 | 29.55 | 22.60 | 16.72 | 11.71 |       |  |
|                            |                     | Pe                                                              |        |       |       |       | 31.43 | 28.35 | 28.18 | 21.94 | 18.67 | 15.37 | 12.06 |       |  |
| <a href="#">RFC6G-40.2</a> | 30                  | Q <sub>0</sub>                                                  | 156.10 | 143.2 | 120.0 | 99.90 | 82.50 | 67.40 | 54.30 | 43.15 | 33.60 | 25.55 | 18.73 |       |  |
|                            |                     | Pe                                                              | 30.46  | 29.91 | 28.66 | 27.20 | 25.57 | 23.77 | 21.82 | 19.75 | 17.56 | 15.28 | 12.93 |       |  |
|                            | 40                  | Q <sub>0</sub>                                                  | 133.40 | 122.4 | 102.7 | 85.40 | 70.30 | 57.30 | 46.00 | 36.30 | 28.00 | 20.90 | 14.94 |       |  |
|                            |                     | Pe                                                              | 35.49  | 34.61 | 32.70 | 30.62 | 28.38 | 26.02 | 23.54 | 20.96 | 18.30 | 15.57 | 12.80 |       |  |
|                            | 50                  | Q <sub>0</sub>                                                  | 110.80 | 101.8 | 85.40 | 70.90 | 58.30 | 47.35 | 37.80 | 29.55 | 22.50 | 16.45 | 11.33 |       |  |
|                            |                     | Pe                                                              | 40.19  | 38.97 | 36.42 | 33.73 | 30.91 | 27.99 | 24.99 | 21.92 | 18.79 | 15.63 | 12.46 |       |  |
| <a href="#">RFC6D-40.2</a> | 30                  | Q <sub>0</sub>                                                  |        |       |       | 118.8 | 98.10 | 80.10 | 64.70 | 51.40 | 40.10 | 30.50 | 22.40 | 15.60 |  |
|                            |                     | Pe                                                              |        |       |       | 31.46 | 29.74 | 27.69 | 25.37 | 22.84 | 20.14 | 17.34 | 14.49 | 11.63 |  |
|                            | 40                  | Q <sub>0</sub>                                                  |        |       |       | 100.9 | 83.10 | 67.60 | 54.30 | 42.80 | 32.95 | 24.60 | 17.57 | 11.68 |  |
|                            |                     | Pe                                                              |        |       |       | 36.00 | 33.43 | 30.59 | 27.55 | 24.36 | 21.06 | 17.73 | 14.40 | 11.14 |  |
|                            | 50                  | Q <sub>0</sub>                                                  |        |       |       |       | 68.30 | 55.30 | 44.05 | 34.30 | 26.05 | 18.99 | 13.06 |       |  |
|                            |                     | Pe                                                              |        |       |       |       | 36.68 | 33.08 | 29.33 | 25.49 | 21.62 | 17.76 | 13.98 |       |  |
| <a href="#">RFC6G-50.2</a> | 30                  | Q <sub>0</sub>                                                  | 184.40 | 169.3 | 142.2 | 118.6 | 98.10 | 80.40 | 65.20 | 52.10 | 40.90 | 31.40 | 23.45 |       |  |
|                            |                     | Pe                                                              | 36.24  | 35.76 | 34.49 | 32.87 | 30.95 | 28.79 | 26.43 | 23.94 | 21.38 | 18.79 | 16.23 |       |  |
|                            | 40                  | Q <sub>0</sub>                                                  | 157.90 | 145.0 | 121.7 | 101.3 | 83.60 | 68.30 | 55.00 | 43.60 | 33.85 | 25.60 | 18.62 |       |  |
|                            |                     | Pe                                                              | 43.13  | 42.10 | 39.80 | 37.22 | 34.43 | 31.47 | 28.40 | 25.28 | 22.15 | 19.09 | 16.14 |       |  |
|                            | 50                  | Q <sub>0</sub>                                                  | 131.00 | 120.2 | 100.8 | 83.80 | 68.90 | 56.00 | 44.80 | 35.15 | 26.95 | 19.96 | 14.09 |       |  |
|                            |                     | Pe                                                              | 49.80  | 48.21 | 44.85 | 41.30 | 37.60 | 33.83 | 30.02 | 26.24 | 22.53 | 18.97 | 15.59 |       |  |

Q (кВт) = Холодопроизводительность (кВт)

Pe (кВт) = Потребляемая мощность (кВт)

Данные по производительности 50Hz при температуре всасываемого пара 20°C, без переохлаждения жидкости

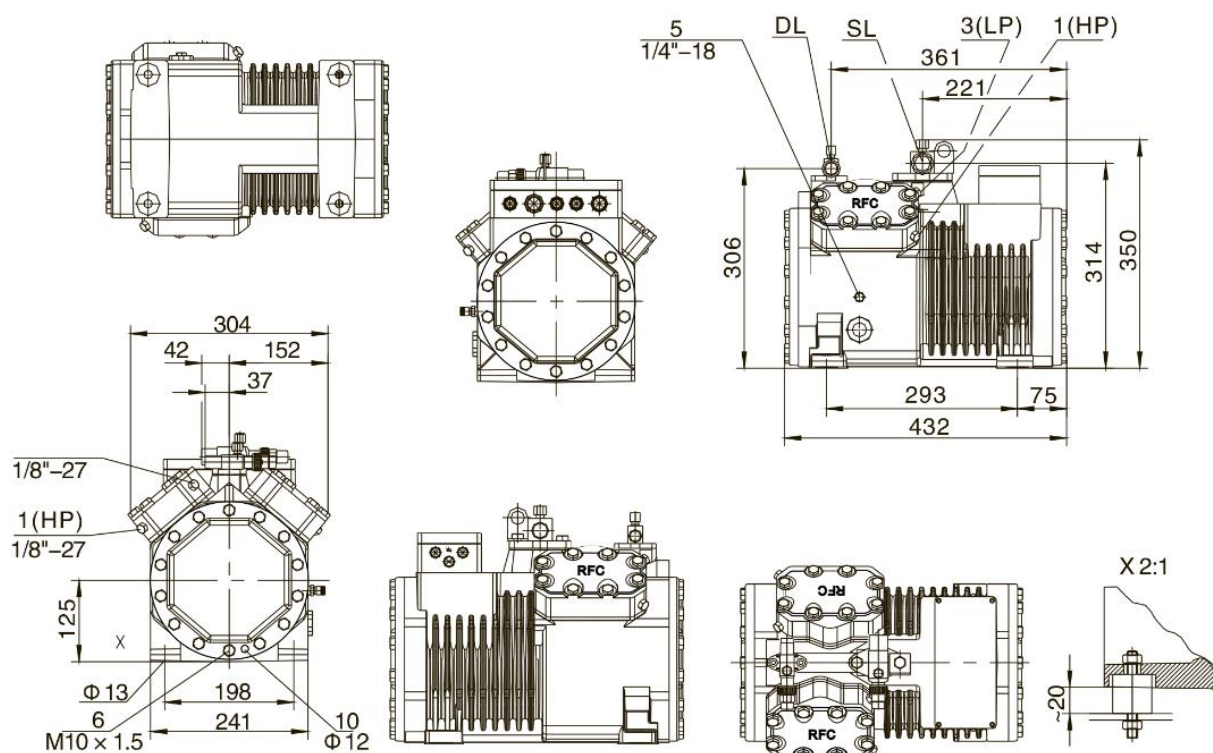
■ Дополнительное охлаждение или ограничение температуры всасываемого пара

## Технические характеристики

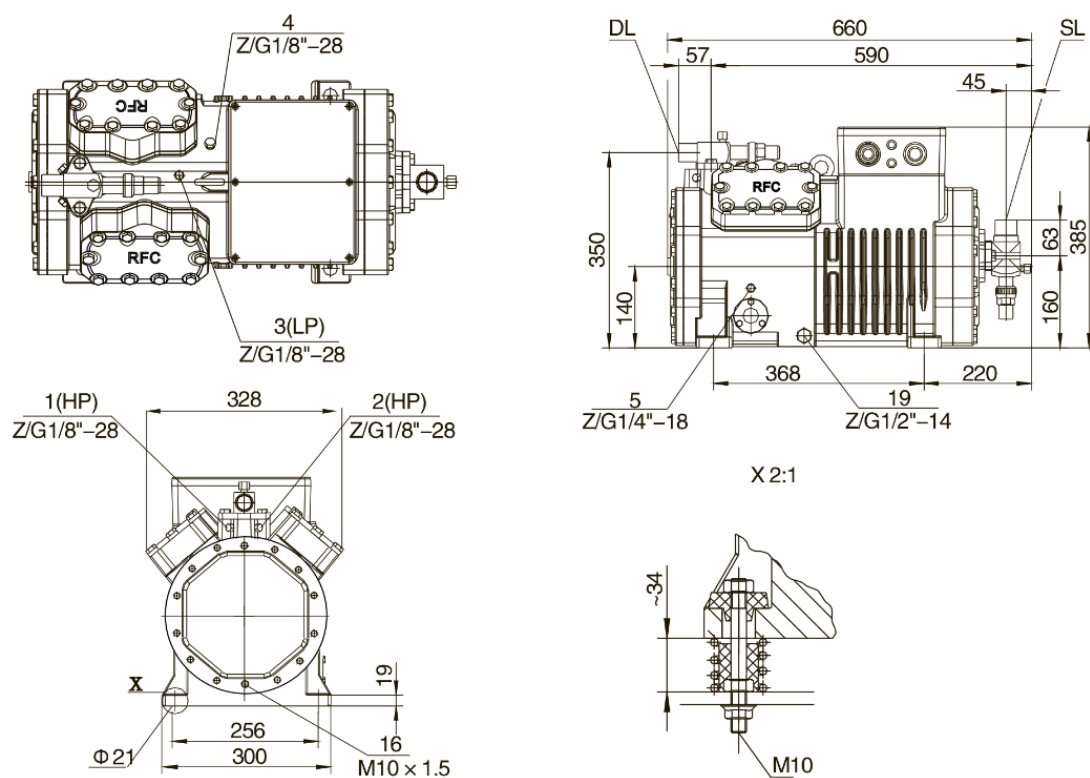
| Модель                     | Номинальная мощность, л.с./кВт | Объемная подача (м³/ч) 50Hz | Количество цилиндров x диаметр x STROKE, mm | Нагнетательный трубопровод, мм | Всасывающий трубопровод, мм | Количество масла, л | Подключение мотора Вт/Ф/Гц       | Максимальный рабочий ток (А) | Пусковой ток | Мощность нагрева картера (W) | Вес нетто, кг |
|----------------------------|--------------------------------|-----------------------------|---------------------------------------------|--------------------------------|-----------------------------|---------------------|----------------------------------|------------------------------|--------------|------------------------------|---------------|
| <a href="#">RFC4D-3.2</a>  | 3/2.2                          | 18.1                        | 4xΦ41x39.3                                  | 16                             | 22                          | 2                   | ΔY<br>220-240Δ/<br>380-420Y/3/50 | 15.9/9.2                     | 76.6/44.2    | 120                          | 82            |
| <a href="#">RFC4G-5.2</a>  | 5/3.7                          | 18.1                        | 4xΦ41x39.3                                  | 16                             | 22                          | 2                   |                                  | 18.7/10.8                    | 107.7/62.2   | 120                          | 86            |
| <a href="#">RFC4D-4.2</a>  | 4/3                            | 22.7                        | 4xΦ46x39.3                                  | 22                             | 28                          | 2                   |                                  | 18.5/10.7                    | 92.7/53.2    | 120                          | 84            |
| <a href="#">RFC4G-6.2</a>  | 6/4.4                          | 22.7                        | 4xΦ46x39.3                                  | 22                             | 28                          | 2                   |                                  | 22.9/13.2                    | 107.7/62.2   | 120                          | 86            |
| <a href="#">RFC4D-5.2</a>  | 5/3.7                          | 26.8                        | 4xΦ50*39.3                                  | 22                             | 28                          | 2                   |                                  | 23.4/13.5                    | 107.7/62.2   | 120                          | 85.5          |
| <a href="#">RFC4G-7.2</a>  | 7/5.1                          | 26.8                        | 4xΦ50x39.3                                  | 22                             | 28                          | 2                   |                                  | 27.5/15.9                    | 142.8/82.4   | 120                          | 88.5          |
| <a href="#">RFC4D-6.2</a>  | 6/4.4                          | 32.5                        | 4xΦ55x39.3                                  | 22                             | 28                          | 2                   |                                  | 27.5/15.9                    | 142.8/82.4   | 120                          | 90.5          |
| <a href="#">RFC4G-9.2</a>  | 9/6.6                          | 32.5                        | 4xΦ55x39.3                                  | 22                             | 28                          | 2                   |                                  | 34.5/20                      | 142.8/82.4   | 120                          | 90.5          |
| <a href="#">RFC4D-8.2</a>  | 8/5.5                          | 41.3                        | 4xΦ60x42                                    | 28                             | 35                          | 2.6                 | 380-420Y/3/50                    | 17                           | 49/81        | 120                          | 134           |
| <a href="#">RFC4G-12.2</a> | 12/8.8                         | 41.3                        | 4xΦ60x42                                    | 28                             | 35                          | 2.6                 |                                  | 24                           | 69/113       | 140                          | 141           |
| <a href="#">RFC4D-10.2</a> | 10/7.5                         | 48.5                        | 4xΦ65x42                                    | 28                             | 35                          | 2.6                 |                                  | 21                           | 59/99        | 140                          | 139           |
| <a href="#">RFC4G-15.2</a> | 15/10.5                        | 48.5                        | 4xΦ65x42                                    | 28                             | 35                          | 2.6                 |                                  | 31                           | 81/132       | 140                          | 147           |
| <a href="#">RFC4D-12.2</a> | 12/8.8                         | 56.2                        | 4xΦ70x42                                    | 28                             | 35                          | 2.6                 |                                  | 24                           | 69/113       | 140                          | 141           |
| <a href="#">RFC4G-20.2</a> | 20/15                          | 56.2                        | 4xΦ70x42                                    | 28                             | 42                          | 2.6                 |                                  | 37                           | 97/158       | 140                          | 150           |
| <a href="#">RFC4D-15.2</a> | 15/10.5                        | 73.6                        | 4xΦ70x55                                    | 28                             | 42                          | 4                   |                                  | 31                           | 81/132       | 140                          | 183           |
| <a href="#">RFC4G-25.2</a> | 25/18.5                        | 73.6                        | 4xΦ70x55                                    | 28                             | 54                          | 4.5                 |                                  | 45                           | 116/193      | 140                          | 203           |
| <a href="#">RFC4D-20.2</a> | 20/15                          | 84.5                        | 4xΦ75x55                                    | 28                             | 54                          | 4.5                 |                                  | 37                           | 97/158       | 140                          | 192           |
| <a href="#">RFC4G-30.2</a> | 30/22                          | 84.5                        | 4xΦ75x55                                    | 28                             | 54                          | 4.5                 |                                  | 53                           | 135/220      | 140                          | 206           |
| <a href="#">RFC6D-25.2</a> | 25/18.5                        | 110.5                       | 6xΦ70x55                                    | 35                             | 54                          | 4.75                |                                  | 45                           | 116/193      | 140                          | 224           |
| <a href="#">RFC6G-35.2</a> | 35/25.5                        | 110.5                       | 6xΦ70x55                                    | 42                             | 54                          | 4.75                |                                  | 61                           | 147/262      | 140                          | 235           |
| <a href="#">RFC6D-30.2</a> | 30/22                          | 126.8                       | 6xΦ75x55                                    | 35                             | 54                          | 4.75                |                                  | 53                           | 135/220      | 140                          | 228           |
| <a href="#">RFC6G-40.2</a> | 40/30                          | 126.8                       | 6xΦ75x55                                    | 42                             | 54                          | 4.75                |                                  | 78                           | 180/323      | 140                          | 238           |
| <a href="#">RFC6D-40.2</a> | 40/30                          | 151.6                       | 6xΦ82x55                                    | 42                             | 54                          | 4.75                |                                  | 78                           | 180/323      | 140                          | 239           |
| <a href="#">RFC6G-50.2</a> | 50/37                          | 151.6                       | 6xΦ82x55                                    | 42                             | 54                          | 4.75                |                                  | 92                           | 226/404      | 140                          | 241           |



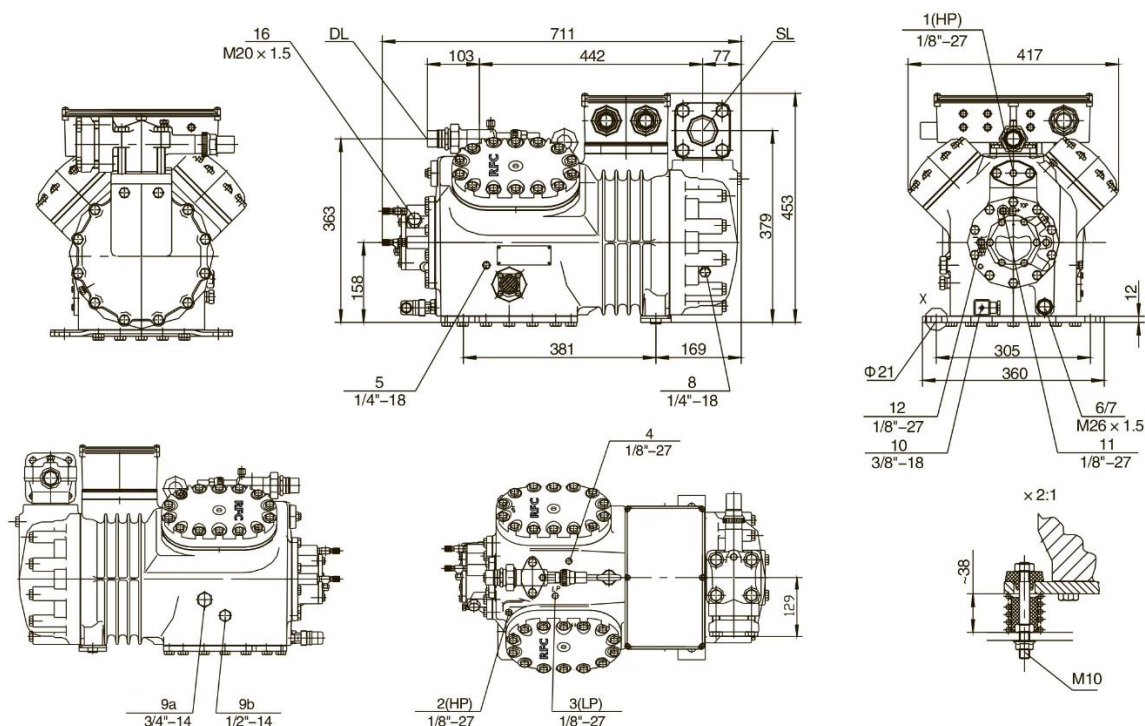
## Габаритные чертежи RFC4D-3.2-RFC4G-9.2



## Габаритные чертежи RFC4D-8.2-RFC4G-20.2



## Габаритные чертежи RFC4D-15.2-RFC4G-30.2



## Габаритные чертежи RFC6D-25.2-RFC6G-50.2

