

-
- I** Abbinamento bruciatore - rampa gas
 - D** Verbindung Brenner - Gasstrecke
 - F** Accouplement brûleur - rampe gaz
 - GB** Burner combined with gas train
 - E** Combinación quemador - rampa de gas
 - NL** Combinatie brander - gasstraat

**MODELLO - MODELL - MODÈLE
MODEL - MODELO**

RS 1000-1200/M BLU

RS 1000-1200/E BLU

RS 1000-1200/EV BLU

Abbinamento bruciatore - rampa gas

1 Abbinamento bruciatore - rampa gas

1.1 Designazione rampa gas

Serie:

| |
|-------|
| MB |
| MBC |
| DMV |
| DMV12 |
| VGD |
| CB |
| CBH |
| MV |
| CG |

| | | | | | | | | | | | | | |
|------------------------|-----|-----|-----|-----|-----|------|-----|------|------|-------|-------|-------|-----|
| Grandezza costruttiva: | 405 | 407 | 410 | 412 | 415 | 420 | | | | | | | |
| | | 65 | 120 | 300 | 700 | 1200 | - | 1900 | 3100 | 5000 | | | |
| | 505 | 507 | 510 | 512 | - | 520 | 525 | 5065 | 5080 | 50100 | 50125 | 50150 | |
| | 10 | 15 | 20 | 32 | 40 | - | 50 | - | 65 | 80 | 100 | 125 | 150 |
| | | | 120 | 220 | | | | | | | | | |

Funzionamento:

| | |
|----|--|
| /S | solo funzione ON-OFF |
| /1 | apertura 1 gradino |
| /2 | apertura 2 gradini |
| /P | apertura 1 gradino con regolatore proporzionale aria/gas |

Controllo di tenuta:

| | |
|----|---|
| - | 0 |
| CT | controllo di tenuta a bordo rampa |
| CQ | con pressostato per controllo di tenuta |

Tipo giunzione:

| | |
|----|----------------------------|
| R | filettato |
| F | flangia standard ISO |
| F1 | flangia quadrata BS1 |
| F2 | flangia quadrata BS2 |
| F3 | flangia quadrata BS3 - BS4 |

Connessione elettrica:

| | |
|----|-------------------------|
| T | Terminali - Morsettiera |
| SD | Spina domestica |
| SM | Spina media potenza |

Campo pressione uscita standard:

| | |
|----|---|
| - | senza regolatore di pressione |
| 0 | con regolatore e pressione proporzionale aria/gas |
| 2 | con regolatore e pressione uscita fino a 20 mbar |
| 3 | con regolatore e pressione uscita fino a 30 mbar |
| 4 | con regolatore e pressione uscita fino a 40 mbar |
| 5 | con regolatore e pressione uscita fino a 50 mbar |
| 6 | con regolatore e pressione uscita fino a 60 mbar |
| 8 | con regolatore e pressione uscita fino a 80 mbar |
| 15 | con regolatore e pressione uscita fino a 150 mbar |

Comando valvole:

| | |
|---|----------|
| 0 | comune |
| 2 | separato |

CB 5065 /1 CT F SM 3 0

DESIGNAZIONE BASE

DESIGNAZIONE ESTESA

Abbinamento bruciatore - rampa gas

1.2 Rampa gas

| Rampa gas | | | | VPS | Adattatore | |
|-----------|-----------------------|--------|------|---------|---|---------|
| Codice | Modello | Ø | C.T. | Codice | Codice | |
| | | | | | RS 1000 | RS 1200 |
| 3970221 | MBC 1200/1 - RSM 60 | Rp 2" | - | 3010367 | 20066253 / (20068058) ¹ | |
| 3970225 | MBC 1200/1 CT RSM 60 | Rp 2" | ◆ | - | | |
| 3970222 | MBC 1900/1 - FSM 40 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | |
| 3970226 | MBC 1900/1 CT FSM 40 | DN 65 | ◆ | - | | |
| 3970223 | MBC 3100/1 - FSM 40 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970227 | MBC 3100/1 CT FSM 40 | DN 80 | ◆ | - | | |
| 3970224 | MBC 5000/1 - FSM 80 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970228 | MBC 5000/1 CT FSM 80 | DN 100 | ◆ | - | | |
| 3970147 | CB 5065/1 - FSM 30 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 3970161 | CB 5065/1 CT FSM 30 | DN 65 | ◆ | - | | ● |
| 3970148 | CB 5080/1 - FSM 30 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970162 | CB 5080/1 CT FSM 30 | DN 80 | ◆ | - | | |
| 3970149 | CB 50100/1 - FSM 30 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970163 | CB 50100/1 CT FSM 30 | DN 100 | ◆ | - | | |
| 20015871 | CB 50125/1 - FSM 30 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 3970196 | CB 50125/1 CT FSM 30 | DN 125 | ◆ | - | | |
| 20043053 | DMV 525/1 - RSM -0 | Rp 2" | - | 3010367 | | ● |
| 20043054 | DMV 525/1 CT RSM -0 | Rp 2" | ◆ | - | 20066253 / (20068058) ¹ | ● |
| 20043055 | DMV 525/1 CQ RSM -2 | Rp 2" | - | - | | ● |
| 20043041 | DMV 5065/1 - FSM -0 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 20043042 | DMV 5065/1 CT FSM -0 | DN 65 | ◆ | - | | ● |
| 20043043 | DMV 5065/1 CQ FSM -2 | DN 65 | - | - | | ● |
| 20043044 | DMV 5080/1 - FSM -0 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 20043045 | DMV 5080/1 CT FSM -0 | DN 80 | ◆ | - | | |
| 20043046 | DMV 5080/1 CQ FSM -2 | DN 80 | - | - | | |
| 20043047 | DMV 50100/1 - FSM -0 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 20043048 | DMV 50100/1 CT FSM -0 | DN 100 | ◆ | - | | |
| 20043049 | DMV 50100/1 CQ FSM -2 | DN 100 | - | - | | |
| 20043050 | DMV 50125/1 - FSM -0 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 20043051 | DMV 50125/1 CT FSM -0 | DN 125 | ◆ | - | | |
| 20043052 | DMV 50125/1 CQ FSM -2 | DN 125 | - | - | | |

Tab. A

Legenda (Tab. A)

C.T. Dispositivo controllo tenuta valvole gas:

- rampa priva del dispositivo di controllo tenuta; dispositivo che può essere ordinato a parte, vedi colonna VPS, ed installato successivamente.
- ◆ rampa con il dispositivo di controllo tenuta installato.

VPS Dispositivo di controllo tenuta valvole.


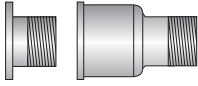
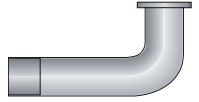
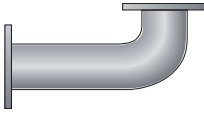

Fornito su richiesta separatamente dalla rampa gas.

● Non disponibile

- 1) Da utilizzare con rampa gas e apertura bruciatore sul lato sinistro (lato motore ventilatore).
- 2) Da utilizzare sulla versione /M (camma meccanica), rampa gas a sinistra (lato motore ventilatore) e apertura bruciatore a destra.

Abbinamento bruciatore - rampa gas

1.3 Adattatore

| Codice | Adattatore | Lunghezza (mm) |
|----------|---|----------------|
| 20042324 |  | 65 |
| 3000826 |  | 300 |
| 20066253 |  | 230 |
| 20068058 | | 780 |
| 20066263 |  | 230 |
| 20066268 | | 230 |
| 20066278 | | 230 |
| 20066284 | | 245 |
| 3010221 |  | 400 |
| 20065924 | | 800 |
| 20065937 | | 800 |
| 20065960 | | 800 |
| 20065968 | | 800 |

1.4 Molla per regolatore di pressione

Per variare il campo di pressione del regolatore della rampa gas sono disponibili i modelli di molla sotto riportati.

| Rampa gas | Molla | | |
|-----------------------------|--------|--------------------|---------|
| | Colore | Campo di pressione | Codice |
| MBC 1900/1*-3100/1*-5000/1* | Bianco | 4 - 20 mbar | 3010381 |
| | Rosso | 20 - 40 mbar | 3010382 |
| | Nero | 40 - 80 mbar | 3010383 |
| | Verde | 80 - 150 mbar | 3010384 |
| CB 525/1* DMV 525/1* | Rosso | 25 - 55 mbar | 3010132 |
| | Nero | 60 - 110 mbar | 3010158 |
| | Rosa | 90 - 150 mbar | 3090487 |
| CB / DMV 5065/1*-5080/1 * | Rosso | 25 - 55 mbar | 3010133 |
| | Nero | 60 - 110 mbar | 3010135 |
| | Rosa | 100 - 150 mbar | 3090456 |
| | Grigio | 140 - 200 mbar | 3090992 |
| CB / DMV 50100/1 * | Rosso | 25 - 55 mbar | 3010134 |
| | Nero | 60 - 110 mbar | 3010136 |
| | Rosa | 100 - 150 mbar | 3090489 |
| | Grigio | 140 - 200 mbar | 3092174 |
| CB / DMV 50125/1 * | Rosso | 25 - 55 mbar | 3010315 |
| | Giallo | 30 - 70 mbar | 3010316 |
| | Nero | 60 - 110 mbar | 3010317 |
| | Rosa | 100 - 150 mbar | 3010318 |

Tab. B

* Con e senza controllo di tenuta

1.5 Diagrammi perdite di carico

I diagrammi indicano le perdite di pressione minima del bruciatore in abbinamento con le rampe gas con utilizzo di gas naturale G20 e G25.

I valori sono misurati alla presa di pressione gas della testa di combustione (vedi manuale d'istruzione del bruciatore).

A questi valori aggiungere la pressione della camera di combustione; i valori così calcolati rappresentano la pressione minima di ingresso alla rampa.



ATTENZIONE

Per valori di pressione differenti da quelli indicati contattare il Servizio Tecnico.

I valori riportati si riferiscono a:

- gas naturale G 20 - PCI 9,45 kWh/Sm³ (8,2 Mcal/Sm³)
- gas naturale G 25 - PCI 8,13 kWh/Sm³ (7,0 Mcal/Sm³)

Verbindung Brenner - Gasstrecke

1 Verbindung Brenner - Gasstrecke

1.1 Bezeichnung Gasstrecke

| | |
|---------|-------|
| Serie : | MB |
| | MBC |
| | DMV |
| | DMV12 |
| | VGD |
| | CB |
| | CBH |
| | MV |
| | CG |

| | | | | | | | | | | | | | |
|-----------|-----|-----|-----|-----|-----|------|-----|------|------|-------|-------|-------|-----|
| Baugröße: | 405 | 407 | 410 | 412 | 415 | 420 | | | | | | | |
| | | 65 | 120 | 300 | 700 | 1200 | - | 1900 | 3100 | 5000 | | | |
| | 505 | 507 | 510 | 512 | - | 520 | 525 | 5065 | 5080 | 50100 | 50125 | 50150 | |
| | 10 | 15 | 20 | 32 | 40 | - | 50 | - | 65 | 80 | 100 | 125 | 150 |
| | | | 120 | 220 | | | | | | | | | |

| | | |
|----------|----|---|
| Betrieb: | /S | nur ON-OFF -Funktion |
| | /1 | Öffnung 1. Stufe |
| | /2 | Öffnung 2. Stufe |
| | /P | Öffnung 1. Stufe mit proportionalem Luft-/Gasregler |

| | | |
|----------------------|----|--|
| Dichtheitskontrolle: | - | 0 |
| | CT | Dichtheitskontrolle in Gasstrecke |
| | CQ | mit Druckwächter zur Dichtheitskontrolle |

| | | |
|-----------------|----|---------------------------------|
| Verbindungstyp: | R | mit Gewinde |
| | F | Flansch ISO-Standard |
| | F1 | quadratischer Flansch BS1 |
| | F2 | quadratischer Flansch BS2 |
| | F3 | quadratischer Flansch BS3 - BS4 |

| | | |
|-------------------------|----|------------------------|
| Elektrischer Anschluss: | T | Klemmen - Klemmenbrett |
| | SD | Haushaltsstecker |
| | SM | Mittelleistungsstecker |

| | | |
|-------------------|----|--|
| Druckbereich | - | ohne Druckregler |
| Standard-Ausgang: | 0 | mit Regler und proportionalem Luft-/Gasdruck |
| | 2 | mit Regler und Ausgangsdruck bis 20 mbar |
| | 3 | mit Regler und Ausgangsdruck bis 30 mbar |
| | 4 | mit Regler und Ausgangsdruck bis 40 mbar |
| | 5 | mit Regler und Ausgangsdruck bis 50 mbar |
| | 6 | mit Regler und Ausgangsdruck bis 60 mbar |
| | 8 | mit Regler und Ausgangsdruck bis 80 mbar |
| | 15 | mit Regler und Ausgangsdruck bis 150 mbar |

| | | |
|------------------|---|-----------|
| Ventilsteuerung: | 0 | allgemein |
| | 2 | getrennt |

| | | | | | | | |
|----|------|----|----|---|----|---|---|
| CB | 5065 | /1 | CT | F | SM | 3 | 0 |
|----|------|----|----|---|----|---|---|

BASISBEZEICHNUNG

ERWEITERTE BEZEICHNUNG

Verbindung Brenner - Gasstrecke

1.2 Gasstrecke

| Gasstrecke | | | | VPS | Adapter | |
|------------|-----------------------|--------|------|---------|---|---------|
| Code | Modell | Ø | C.T. | Code | Code | |
| | | | | | RS 1000 | RS 1200 |
| 3970221 | MBC 1200/1 - RSM 60 | Rp 2" | - | 3010367 | 20066253 / (20068058) ¹ | |
| 3970225 | MBC 1200/1 CT RSM 60 | Rp 2" | ◆ | - | | |
| 3970222 | MBC 1900/1 - FSM 40 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | |
| 3970226 | MBC 1900/1 CT FSM 40 | DN 65 | ◆ | - | | |
| 3970223 | MBC 3100/1 - FSM 40 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970227 | MBC 3100/1 CT FSM 40 | DN 80 | ◆ | - | | |
| 3970224 | MBC 5000/1 - FSM 80 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970228 | MBC 5000/1 CT FSM 80 | DN 100 | ◆ | - | | |
| 3970147 | CB 5065/1 - FSM 30 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 3970161 | CB 5065/1 CT FSM 30 | DN 65 | ◆ | - | | ● |
| 3970148 | CB 5080/1 - FSM 30 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970162 | CB 5080/1 CT FSM 30 | DN 80 | ◆ | - | | |
| 3970149 | CB 50100/1 - FSM 30 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970163 | CB 50100/1 CT FSM 30 | DN 100 | ◆ | - | | |
| 20015871 | CB 50125/1 - FSM 30 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 3970196 | CB 50125/1 CT FSM 30 | DN 125 | ◆ | - | | |
| 20043053 | DMV 525/1 - RSM -0 | Rp 2" | - | 3010367 | | ● |
| 20043054 | DMV 525/1 CT RSM -0 | Rp 2" | ◆ | - | 20066253 / (20068058) ¹ | ● |
| 20043055 | DMV 525/1 CQ RSM -2 | Rp 2" | - | - | | ● |
| 20043041 | DMV 5065/1 - FSM -0 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 20043042 | DMV 5065/1 CT FSM -0 | DN 65 | ◆ | - | | ● |
| 20043043 | DMV 5065/1 CQ FSM -2 | DN 65 | - | - | | ● |
| 20043044 | DMV 5080/1 - FSM -0 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 20043045 | DMV 5080/1 CT FSM -0 | DN 80 | ◆ | - | | |
| 20043046 | DMV 5080/1 CQ FSM -2 | DN 80 | - | - | | |
| 20043047 | DMV 50100/1 - FSM -0 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 20043048 | DMV 50100/1 CT FSM -0 | DN 100 | ◆ | - | | |
| 20043049 | DMV 50100/1 CQ FSM -2 | DN 100 | - | - | | |
| 20043050 | DMV 50125/1 - FSM -0 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 20043051 | DMV 50125/1 CT FSM -0 | DN 125 | ◆ | - | | |
| 20043052 | DMV 50125/1 CQ FSM -2 | DN 125 | - | - | | |

Tab. A

Zeichenerklärung (Tab. A)

C.T. Dichtheitskontrolleinrichtung für Gasventile

- Gasstrecke ohne Dichtheitskontrolleinrichtung; Vorrichtung, die separat bestellt, siehe Spalte VPS, und nachträglich installiert werden kann.

◆ Gasstrecke mit installierter Dichtheitskontrolleinrichtung.

VPS Dichtheitskontrolleinrichtung der Gasventile.

Auf Anfrage gesondert von der Gasstrecke lieferbar.


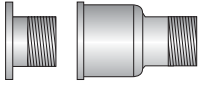
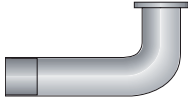
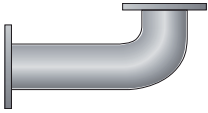

● Nicht verfügbar

1) Bei Gasarmatur und Brenneröffnung auf der linken Seite (auf Seite des Gebläsemotors) zu verwenden.

2) Bei der Ausführung /M (mechanischer Nocken), linksseitiger Gasarmatur (auf Seite des Gebläsemotors) und rechtsseitiger Brenneröffnung zu verwenden.

Verbindung Brenner - Gasstrecke

1.3 Adapter

| Code | Adapter | Länge (mm) |
|----------|---|------------|
| 20042324 |  | 65 |
| 3000826 |  | 300 |
| 20066253 |  | 230 |
| 20068058 | | 780 |
| 20066263 |  | 230 |
| 20066268 | | 230 |
| 20066278 | | 230 |
| 20066284 | | 245 |
| 3010221 |  | 400 |
| 20065924 | | 800 |
| 20065937 | | 800 |
| 20065960 | | 800 |
| 20065968 | | 800 |

1.4 Feder für Druckregler

Für die Änderung des Druckbereichs des Reglers der Gasstrecke sind nachstehende Federmodelle verfügbar.

| Gasstrecke | Feder | | |
|-----------------------------|---------|----------------|---------|
| | Farbe | Druckbereich | Code |
| MBC 1900/1*-3100/1*-5000/1* | Weiß | 4 - 20 mbar | 3010381 |
| | Rot | 20 - 40 mbar | 3010382 |
| | Schwarz | 40 - 80 mbar | 3010383 |
| | Grün | 80 - 150 mbar | 3010384 |
| CB 525/1* DMV 525/1* | Rot | 25 - 55 mbar | 3010132 |
| | Schwarz | 60 - 110 mbar | 3010158 |
| | Rosa | 90 - 150 mbar | 3090487 |
| CB / DMV 5065/1*-5080/1 * | Rot | 25 - 55 mbar | 3010133 |
| | Schwarz | 60 - 110 mbar | 3010135 |
| | Rosa | 100 - 150 mbar | 3090456 |
| | Grau | 140 - 200 mbar | 3090992 |
| CB / DMV 50100/1 * | Rot | 25 - 55 mbar | 3010134 |
| | Schwarz | 60 - 110 mbar | 3010136 |
| | Rosa | 100 - 150 mbar | 3090489 |
| | Grau | 140 - 200 mbar | 3092174 |
| CB / DMV 50125/1 * | Rot | 25 - 55 mbar | 3010315 |
| | Gelb | 30 - 70 mbar | 3010316 |
| | Schwarz | 60 - 110 mbar | 3010317 |
| | Rosa | 100 - 150 mbar | 3010318 |

Tab. B

* Mit und ohne Dichtheitskontrolle

1.5 Lastverlust-Diagramme

Die Diagramme geben die Verluste des Mindestdrucks des Brenners in Verbindung mit Gasstrecken bei Verwendung von Erdgas G20 und G25.

Die Werte werden am Gasdruckanschluss des Flammkopfs gemessen (siehe Betriebsanleitung des Brenners).

Diesen Werten muss der Druckwert der Brennkammer zugerechnet werden. Die sich daraus errechnenden Werte stellen den Mindestdruck am Eingang der Gasstrecke dar.



ACHTUNG

Bei Druckwerten, die von den angegebenen abweichen, nehmen Sie bitte Kontakt mit dem Technischen Kundendienst auf.

Die Werte beziehen sich auf:

- Erdgas G 20 - PCI 9,45 kWh/Sm³ (8,2 Mcal/Sm³)
- Erdgas G 25 - PCI 8,13 kWh/Sm³ (7,0 Mcal/Sm³)

Accouplement brûleur - rampe gaz

1 Accouplement brûleur - rampe gaz

1.1 Désignation rampe gaz

Série :

MB
MBC
 DMV
DMV12
 VGD
CB
 CBH
MV
 CG

Dimension :

| | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|------|-----|------|------|-------|-------|-------|-----|
| | 405 | 407 | 410 | 412 | 415 | 420 | | | | | | | |
| | | 65 | 120 | 300 | 700 | 1200 | - | 1900 | 3100 | 5000 | | | |
| | 505 | 507 | 510 | 512 | - | 520 | 525 | 5065 | 5080 | 50100 | 50125 | 50150 | |
| | 10 | 15 | 20 | 32 | 40 | - | 50 | - | 65 | 80 | 100 | 125 | 150 |
| | | | 120 | 220 | | | | | | | | | |

Fonctionnement : /S fonction ON-OFF uniquement

/1 ouverture 1 allure

/2 ouverture 2 allures

/P ouverture 1 allure avec régulateur proportionnel air/gaz

Contrôle d'étanchéité : - 0

CT contrôle d'étanchéité sur la rampe

CQ avec pressostat gaz pour contrôle d'étanchéité

Type accouplement : R fileté

F bride standard ISO

F1 bride carrée BS1

F2 bride carrée BS2

F3 bride carrée BS3 - BS4

Connexion électrique : T Bornes - Bornier

SD Prise de courant domestique

SM Prise moyenne puissance

Plage de pression - sans régulateur de pression

sortie standard : **0** avec régulateur et pression proportionnelle air/gaz

2 avec régulateur et pression sortie jusqu'à 20 mbars

3 avec régulateur et pression sortie jusqu'à 30 mbars

4 avec régulateur et pression sortie jusqu'à 40 mbars

5 avec régulateur et pression sortie jusqu'à 50 mbars

6 avec régulateur et pression sortie jusqu'à 60 mbars

8 avec régulateur et pression sortie jusqu'à 80 mbars

15 avec régulateur et pression sortie jusqu'à 150 mbars

Commande vannes : 0 commune

2 séparée

CB **5065** **/1** **CT** **F** **SM** **3** **0**

DÉSIGNATION BASE

DÉSIGNATION ÉLARGIE

Accouplement brûleur - rampe gaz

1.2 Rampe gaz

| Rampe gaz | | | | VPS | Adaptateur | |
|-----------|-----------------------|--------|------|---------|---|---------|
| Code | Modèle | Ø | C.T. | Code | Code | |
| | | | | | RS 1000 | RS 1200 |
| 3970221 | MBC 1200/1 - RSM 60 | Rp 2" | - | 3010367 | 20066253 / (20068058) ¹ | |
| 3970225 | MBC 1200/1 CT RSM 60 | Rp 2" | ◆ | - | | |
| 3970222 | MBC 1900/1 - FSM 40 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | |
| 3970226 | MBC 1900/1 CT FSM 40 | DN 65 | ◆ | - | | |
| 3970223 | MBC 3100/1 - FSM 40 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970227 | MBC 3100/1 CT FSM 40 | DN 80 | ◆ | - | | |
| 3970224 | MBC 5000/1 - FSM 80 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970228 | MBC 5000/1 CT FSM 80 | DN 100 | ◆ | - | | |
| 3970147 | CB 5065/1 - FSM 30 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 3970161 | CB 5065/1 CT FSM 30 | DN 65 | ◆ | - | | ● |
| 3970148 | CB 5080/1 - FSM 30 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970162 | CB 5080/1 CT FSM 30 | DN 80 | ◆ | - | | |
| 3970149 | CB 50100/1 - FSM 30 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970163 | CB 50100/1 CT FSM 30 | DN 100 | ◆ | - | | |
| 20015871 | CB 50125/1 - FSM 30 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 3970196 | CB 50125/1 CT FSM 30 | DN 125 | ◆ | - | | |
| 20043053 | DMV 525/1 - RSM -0 | Rp 2" | - | 3010367 | | ● |
| 20043054 | DMV 525/1 CT RSM -0 | Rp 2" | ◆ | - | 20066253 / (20068058) ¹ | ● |
| 20043055 | DMV 525/1 CQ RSM -2 | Rp 2" | - | - | | ● |
| 20043041 | DMV 5065/1 - FSM -0 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 20043042 | DMV 5065/1 CT FSM -0 | DN 65 | ◆ | - | | ● |
| 20043043 | DMV 5065/1 CQ FSM -2 | DN 65 | - | - | | ● |
| 20043044 | DMV 5080/1 - FSM -0 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 20043045 | DMV 5080/1 CT FSM -0 | DN 80 | ◆ | - | | |
| 20043046 | DMV 5080/1 CQ FSM -2 | DN 80 | - | - | | |
| 20043047 | DMV 50100/1 - FSM -0 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 20043048 | DMV 50100/1 CT FSM -0 | DN 100 | ◆ | - | | |
| 20043049 | DMV 50100/1 CQ FSM -2 | DN 100 | - | - | | |
| 20043050 | DMV 50125/1 - FSM -0 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 20043051 | DMV 50125/1 CT FSM -0 | DN 125 | ◆ | - | | |
| 20043052 | DMV 50125/1 CQ FSM -2 | DN 125 | - | - | | |

Tab. A

Légende (Tab. A)

C.T. Dispositif de contrôle d'étanchéité des vannes gaz :

- rampe sans dispositif de contrôle d'étanchéité ;
le dispositif peut être commandé séparément, voir la colonne VPS, et installé après.

◆ rampe avec dispositif de contrôle d'étanchéité déjà installé.


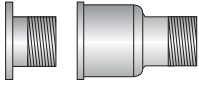
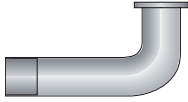
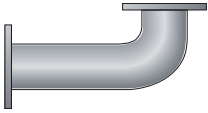

VPS Dispositif de contrôle d'étanchéité des vannes.
Fourni sur demande séparément de la rampe gaz.

● Pas disponible

- 1) À utiliser avec rampe gaz et ouverture du brûleur sur le côté gauche (côté moteur ventilateur).
- 2) À utiliser sur la version /M (came mécanique), rampe gaz à gauche (côté moteur ventilateur) et ouverture du brûleur à droite.

Accouplement brûleur - rampe gaz

1.3 Adaptateur

| Code | Adaptateur | Longueur (mm) |
|----------|---|---------------|
| 20042324 |  | 65 |
| 3000826 |  | 300 |
| 20066253 |  | 230 |
| 20068058 | | 780 |
| 20066263 |  | 230 |
| 20066268 | | 230 |
| 20066278 | | 230 |
| 20066284 | | 245 |
| 3010221 |  | 400 |
| 20065924 | | 800 |
| 20065937 | | 800 |
| 20065960 | | 800 |
| 20065968 | | 800 |

1.4 Ressort pour régulateur de pression

Les modèles de ressort disponibles pour modifier la plage de pression du régulateur de la rampe gaz sont indiqués ci-dessous.

| Rampe gaz | Ressort | | |
|-----------------------------|---------|-------------------|---------|
| | Couleur | Plage de pression | Code |
| MBC 1900/1*-3100/1*-5000/1* | Blanc | 4 - 20 mbar | 3010381 |
| | Rouge | 20 - 40 mbar | 3010382 |
| | Noir | 40 - 80 mbar | 3010383 |
| | Vert | 80 - 150 mbar | 3010384 |
| CB 525/1* DMV 525/1* | Rouge | 25 - 55 mbar | 3010132 |
| | Noir | 60 - 110 mbar | 3010158 |
| | Rose | 90 - 150 mbar | 3090487 |
| CB / DMV 5065/1*-5080/1 * | Rouge | 25 - 55 mbar | 3010133 |
| | Noir | 60 - 110 mbar | 3010135 |
| | Rose | 100 - 150 mbar | 3090456 |
| | Gris | 140 - 200 mbar | 3090992 |
| CB / DMV 50100/1 * | Rouge | 25 - 55 mbar | 3010134 |
| | Noir | 60 - 110 mbar | 3010136 |
| | Rose | 100 - 150 mbar | 3090489 |
| | Gris | 140 - 200 mbar | 3092174 |
| CB / DMV 50125/1 * | Rouge | 25 - 55 mbar | 3010315 |
| | Jaune | 30 - 70 mbar | 3010316 |
| | Noir | 60 - 110 mbar | 3010317 |
| | Rose | 100 - 150 mbar | 3010318 |

Tab. B

* Avec et sans contrôle d'étanchéité

1.5 Diagrammes des pertes de charge

Les diagrammes indiquent les pertes de pression minimale du brûleur en accouplement avec les rampes gaz avec utilisation des gaz naturels G20 et G25.

Les valeurs sont mesurées au niveau de la prise de pression de gaz de la tête de combustion (se référer au manuel d'instructions du brûleur).

Ajouter la pression de la chambre de combustion à ces valeurs ; les valeurs ainsi calculées représentent la pression minimale d'entrée à la rampe.



ATTENTION

Pour des niveaux de pression différents de ceux indiqués s'adresser au Service Technique.

Les valeurs reportées se réfèrent à :

- gaz naturel G 20 PCI 9,45 kWh/Sm³ (8,2 Mcal/Sm³)
- gaz naturel G 25 PCI 8,13 kWh/Sm³ (7,0 Mcal/Sm³)

Burner combined with gas train

1 Burner combined with gas train

1.1 Gas train designation

| | |
|---------|--------------|
| Series: | MB |
| | MBC |
| | DMV |
| | DMV12 |
| | VGD |
| | CB |
| | CBH |
| | MV |
| | CG |

| | | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|------|-----|------|------|-------|-------|-------|-----|
| Size: | 405 | 407 | 410 | 412 | 415 | 420 | | | | | | | |
| | | 65 | 120 | 300 | 700 | 1200 | - | 1900 | 3100 | 5000 | | | |
| | 505 | 507 | 510 | 512 | - | 520 | 525 | 5065 | 5080 | 50100 | 50125 | 50150 | |
| | 10 | 15 | 20 | 32 | 40 | - | 50 | - | 65 | 80 | 100 | 125 | 150 |
| | | | 120 | 220 | | | | | | | | | |

| | | |
|------------|-----------|--|
| Operation: | /S | only ON-OFF function |
| | /1 | 1st stage mode opening |
| | /2 | 2 nd stage mode opening |
| | /P | 1st stage mode opening with air/gas proportional regulator |

| | | |
|-------------------------|-----------|---|
| Leak detection control: | - | 0 |
| | CT | leak detection control device installed on the gas train |
| | CQ | equipped with pressure switch for leak detection control |

| | | |
|-------------|-----------|----------------------------|
| Joint type: | R | threaded joint |
| | F | standard flange ISO |
| | F1 | square flange BS1 |
| | F2 | square flange BS2 |
| | F3 | square flange BS3 - BS4 |

| | | |
|------------------------|-----------|----------------------------|
| Electrical connection: | T | Terminals - Terminal strip |
| | SD | Domestic plug |
| | SM | Medium voltage plug |

| | | |
|---------------------------------|----------|--|
| Standard output pressure range: | - | without pressure governor |
| | 0 | with governor and air/gas proportional pressure |
| | 2 | with governor and output pressure up to 20 mbar |
| | 3 | with governor and output pressure up to 30 mbar |
| | 4 | with governor and output pressure up to 40 mbar |
| | 5 | with governor and output pressure up to 50 mbar |
| | 6 | with governor and output pressure up to 60 mbar |
| | 8 | with governor and output pressure up to 80 mbar |
| | 15 | with governor and output pressure up to 150 mbar |

| | | |
|----------------|----------|-----------------|
| Valve control: | 0 | shared |
| | 2 | separate |

CB 5065 /1 CT F SM 3 0

BASIC DESIGNATION

EXTENDED DESIGNATION

Burner combined with gas train

1.2 Gas train

| Gas train | | | | VPS | Adapter | |
|-----------|-----------------------|--------|------|---------|---|---------|
| Code | Model | Ø | C.T. | Code | Code | |
| | | | | | RS 1000 | RS 1200 |
| 3970221 | MBC 1200/1 - RSM 60 | Rp 2" | - | 3010367 | 20066253 / (20068058) ¹ | |
| 3970225 | MBC 1200/1 CT RSM 60 | Rp 2" | ◆ | - | | |
| 3970222 | MBC 1900/1 - FSM 40 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | |
| 3970226 | MBC 1900/1 CT FSM 40 | DN 65 | ◆ | - | | |
| 3970223 | MBC 3100/1 - FSM 40 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970227 | MBC 3100/1 CT FSM 40 | DN 80 | ◆ | - | | |
| 3970224 | MBC 5000/1 - FSM 80 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970228 | MBC 5000/1 CT FSM 80 | DN 100 | ◆ | - | | |
| 3970147 | CB 5065/1 - FSM 30 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 3970161 | CB 5065/1 CT FSM 30 | DN 65 | ◆ | - | | ● |
| 3970148 | CB 5080/1 - FSM 30 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970162 | CB 5080/1 CT FSM 30 | DN 80 | ◆ | - | | |
| 3970149 | CB 50100/1 - FSM 30 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970163 | CB 50100/1 CT FSM 30 | DN 100 | ◆ | - | | |
| 20015871 | CB 50125/1 - FSM 30 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 3970196 | CB 50125/1 CT FSM 30 | DN 125 | ◆ | - | | |
| 20043053 | DMV 525/1 - RSM -0 | Rp 2" | - | 3010367 | | ● |
| 20043054 | DMV 525/1 CT RSM -0 | Rp 2" | ◆ | - | 20066253 / (20068058) ¹ | ● |
| 20043055 | DMV 525/1 CQ RSM -2 | Rp 2" | - | - | | ● |
| 20043041 | DMV 5065/1 - FSM -0 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 20043042 | DMV 5065/1 CT FSM -0 | DN 65 | ◆ | - | | ● |
| 20043043 | DMV 5065/1 CQ FSM -2 | DN 65 | - | - | | ● |
| 20043044 | DMV 5080/1 - FSM -0 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 20043045 | DMV 5080/1 CT FSM -0 | DN 80 | ◆ | - | | |
| 20043046 | DMV 5080/1 CQ FSM -2 | DN 80 | - | - | | |
| 20043047 | DMV 50100/1 - FSM -0 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 20043048 | DMV 50100/1 CT FSM -0 | DN 100 | ◆ | - | | |
| 20043049 | DMV 50100/1 CQ FSM -2 | DN 100 | - | - | | |
| 20043050 | DMV 50125/1 - FSM -0 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 20043051 | DMV 50125/1 CT FSM -0 | DN 125 | ◆ | - | | |
| 20043052 | DMV 50125/1 CQ FSM -2 | DN 125 | - | - | | |

Tab. A

Key to layout (Tab. A)

C.T. Gas valve leak detection control device:

- gas train not equipped with leak detection control device;
this device can be ordered separately - see VPS column - and installed later.
- ◆ gas train equipped with leak detection control device.

VPS Valve leak detection control device.


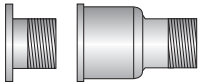
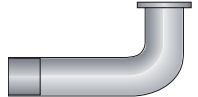
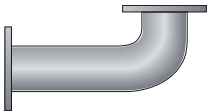

Supplied separately from the gas train, on demand.

● Not available

- 1) To be used with gas train and burner opening on the left (fan motor side).
- 2) To be used with /M (mechanical cam) burners, gas train on the left (fan motor side) and burner opening on the right.

Burner combined with gas train

1.3 Adapter

| Code | Adapter | Length (mm) |
|----------|---|-------------|
| 20042324 |  | 65 |
| 3000826 |  | 300 |
| 20066253 |  | 230 |
| 20068058 | | 780 |
| 20066263 |  | 230 |
| 20066268 | | 230 |
| 20066278 | | 230 |
| 20066284 | | 245 |
| 3010221 |  | 400 |
| 20065924 | | 800 |
| 20065937 | | 800 |
| 20065960 | | 800 |
| 20065968 | | 800 |

1.4 Spring for pressure governor

The following are the available spring models which can be used to modify the gas train governor pressure range.

| Gas train | Spring | | |
|-----------------------------|--------|----------------|---------|
| | Colour | Pressure range | Code |
| MBC 1900/1*-3100/1*-5000/1* | White | 4 - 20 mbar | 3010381 |
| | Red | 20 - 40 mbar | 3010382 |
| | Black | 40 - 80 mbar | 3010383 |
| | Green | 80 - 150 mbar | 3010384 |
| CB 525/1* DMV 525/1* | Red | 25 - 55 mbar | 3010132 |
| | Black | 60 - 110 mbar | 3010158 |
| | Pink | 90 - 150 mbar | 3090487 |
| CB / DMV 5065/1*-5080/1 * | Red | 25 - 55 mbar | 3010133 |
| | Black | 60 - 110 mbar | 3010135 |
| | Pink | 100 - 150 mbar | 3090456 |
| | Grey | 140 - 200 mbar | 3090992 |
| CB / DMV 50100/1 * | Red | 25 - 55 mbar | 3010134 |
| | Black | 60 - 110 mbar | 3010136 |
| | Pink | 100 - 150 mbar | 3090489 |
| | Grey | 140 - 200 mbar | 3092174 |
| CB / DMV 50125/1 * | Red | 25 - 55 mbar | 3010315 |
| | Yellow | 30 - 70 mbar | 3010316 |
| | Black | 60 - 110 mbar | 3010317 |
| | Pink | 100 - 150 mbar | 3010318 |

Tab. B

* Version available both with leak detection control device and without it

1.5 Pressure loss diagrams

The diagrams show the minimum pressure losses of the burner combined with trains using natural gas (G20 and G25).

Values are measured at combustion head pressure test point (see burner instruction manual).

Add to these values the combustion chamber pressure to get the minimum train input pressure.



WARNING

For pressure levels different from those indicated above, please contact the Technical Office.

The values indicated refer to:

- natural gas G 20 - PCI 9.45 kWh/Sm³ (8.2 Mcal/Sm³)
- natural gas G 25 - PCI 8.13 kWh/Sm³ (7.0 Mcal/Sm³)

Combinación quemador - rampa de gas

1 Combinación quemador - rampa de gas

1.1 Designación rampa de gas

| | |
|---------|-------|
| Serie : | MB |
| | MBC |
| | DMV |
| | DMV12 |
| | VGD |
| | CB |
| | CBH |
| | MV |
| | CG |

| | | | | | | | | | | | | | |
|----------------------|-----|-----|-----|-----|-----|------|-----|------|------|-------|-------|-------|-----|
| Tamaño constructivo: | 405 | 407 | 410 | 412 | 415 | 420 | | | | | | | |
| | | 65 | 120 | 300 | 700 | 1200 | - | 1900 | 3100 | 5000 | | | |
| | 505 | 507 | 510 | 512 | - | 520 | 525 | 5065 | 5080 | 50100 | 50125 | 50150 | |
| | 10 | 15 | 20 | 32 | 40 | - | 50 | - | 65 | 80 | 100 | 125 | 150 |
| | | | 120 | 220 | | | | | | | | | |

| | |
|-----------------|---|
| Funcionamiento: | /S sólo función ON-OFF |
| | /1 abertura 1º fase |
| | /2 abertura 2º fase |
| | /P abertura 1º fase con regulador proporcional aire/gas |

| | |
|--------------------------|--|
| Control de estanqueidad: | - 0 |
| | CT control de estanqueidad de la rampa |
| | CQ con presostato gas para control de estanqueidad |

| | |
|-------------|-----------------------------|
| Tipo unión: | R roscado |
| | F brida estándar ISO |
| | F1 brida cuadrada BS1 |
| | F2 brida cuadrada BS2 |
| | F3 brida cuadrada BS3 - BS4 |

| | |
|---------------------|------------------------------------|
| Conexión eléctrica: | T Terminales - Regleta de conexión |
| | SD Conector doméstico |
| | SM Conector potencia media |

| | |
|-----------------------------------|--|
| Campo de presión salida estándar: | - sin regulador de presión |
| | 0 con regulador y presión proporcional aire/gas |
| | 2 con regulador y presión salida hasta 20 mbar |
| | 3 con regulador y presión salida hasta 30 mbar |
| | 4 con regulador y presión salida hasta 40 mbar |
| | 5 con regulador y presión salida hasta 50 mbar |
| | 6 con regulador y presión salida hasta 60 mbar |
| | 8 con regulador y presión salida hasta 80 mbar |
| | 15 con regulador y presión salida hasta 150 mbar |

| | |
|-----------------|------------|
| Mando válvulas: | 0 común |
| | 2 separado |

CB 5065 /1 CT F SM 3 0

DESIGNACIÓN BASE

DESIGNACIÓN AMPLIADA

Combinación quemador - rampa de gas

1.2 Rampa de gas

| Rampa de gas | | | | VPS | Adaptador | |
|--------------|-----------------------|--------|------|---------|---|---------|
| Código | Modelo | Ø | C.T. | Código | Código | |
| | | | | | RS 1000 | RS 1200 |
| 3970221 | MBC 1200/1 - RSM 60 | Rp 2" | - | 3010367 | 20066253 / (20068058) ¹ | |
| 3970225 | MBC 1200/1 CT RSM 60 | Rp 2" | ◆ | - | | |
| 3970222 | MBC 1900/1 - FSM 40 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | |
| 3970226 | MBC 1900/1 CT FSM 40 | DN 65 | ◆ | - | | |
| 3970223 | MBC 3100/1 - FSM 40 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970227 | MBC 3100/1 CT FSM 40 | DN 80 | ◆ | - | | |
| 3970224 | MBC 5000/1 - FSM 80 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970228 | MBC 5000/1 CT FSM 80 | DN 100 | ◆ | - | | |
| 3970147 | CB 5065/1 - FSM 30 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 3970161 | CB 5065/1 CT FSM 30 | DN 65 | ◆ | - | | ● |
| 3970148 | CB 5080/1 - FSM 30 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970162 | CB 5080/1 CT FSM 30 | DN 80 | ◆ | - | | |
| 3970149 | CB 50100/1 - FSM 30 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970163 | CB 50100/1 CT FSM 30 | DN 100 | ◆ | - | | |
| 20015871 | CB 50125/1 - FSM 30 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 3970196 | CB 50125/1 CT FSM 30 | DN 125 | ◆ | - | | |
| 20043053 | DMV 525/1 - RSM -0 | Rp 2" | - | 3010367 | | ● |
| 20043054 | DMV 525/1 CT RSM -0 | Rp 2" | ◆ | - | 20066253 / (20068058) ¹ | ● |
| 20043055 | DMV 525/1 CQ RSM -2 | Rp 2" | - | - | | ● |
| 20043041 | DMV 5065/1 - FSM -0 | DN 65 | - | 3010367 | | ● |
| 20043042 | DMV 5065/1 CT FSM -0 | DN 65 | ◆ | - | 20066263 / (20065924 + 20066263) ¹ | ● |
| 20043043 | DMV 5065/1 CQ FSM -2 | DN 65 | - | - | | ● |
| 20043044 | DMV 5080/1 - FSM -0 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 20043045 | DMV 5080/1 CT FSM -0 | DN 80 | ◆ | - | | |
| 20043046 | DMV 5080/1 CQ FSM -2 | DN 80 | - | - | | |
| 20043047 | DMV 50100/1 - FSM -0 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 20043048 | DMV 50100/1 CT FSM -0 | DN 100 | ◆ | - | | |
| 20043049 | DMV 50100/1 CQ FSM -2 | DN 100 | - | - | | |
| 20043050 | DMV 50125/1 - FSM -0 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 20043051 | DMV 50125/1 CT FSM -0 | DN 125 | ◆ | - | | |
| 20043052 | DMV 50125/1 CQ FSM -2 | DN 125 | - | - | | |

Tab. A

Leyenda (Tab. A)

C.T. Dispositivo de control de la estanqueidad válvulas de gas:
 - rampa sin el dispositivo de control de estanqueidad;
 dispositivo que puede pedirse por separado, ver columna VPS, e instalarse sucesivamente.

◆ rampa con el dispositivo de control de estanqueidad instalado.

VPS Dispositivo de control de la estanqueidad de las válvulas.
 Se suministra aparte de la rampa de gas, sobre demanda.


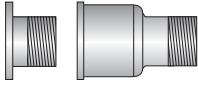
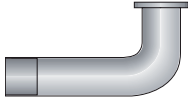
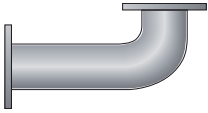

● No disponible

1) Debe utilizarse con rampa de gas y apertura del quemador en el lado izquierdo (lado motor ventilador).

2) Debe utilizarse en la versión /M (leva mecánica), rampa de gas a la izquierda (lado motor ventilador) y apertura quemador a la derecha.

Combinación quemador - rampa de gas

1.3 Adaptador

| Código | Adaptador | Longitud (mm) |
|----------|---|---------------|
| 20042324 |  | 65 |
| 3000826 |  | 300 |
| 20066253 |  | 230 |
| 20068058 | | 780 |
| 20066263 |  | 230 |
| 20066268 | | 230 |
| 20066278 | | 230 |
| 20066284 | | 245 |
| 3010221 |  | 400 |
| 20065924 | | 800 |
| 20065937 | | 800 |
| 20065960 | | 800 |
| 20065968 | | 800 |

1.4 Muelle para el regulador de presión

Para cambiar el campo de presión del regulador de la rampa de gas están disponibles los modelos de muelles indicados a continuación.

| Rampa de gas | Muelle | | |
|-----------------------------|----------|------------------|---------|
| | Color | Campo de presión | Código |
| MBC 1900/1*-3100/1*-5000/1* | Blanco | 4 - 20 mbar | 3010381 |
| | Rojo | 20 - 40 mbar | 3010382 |
| | Negro | 40 - 80 mbar | 3010383 |
| | Verde | 80 - 150 mbar | 3010384 |
| CB 525/1* DMV 525/1* | Rojo | 25 - 55 mbar | 3010132 |
| | Negro | 60 - 110 mbar | 3010158 |
| | Rosa | 90 - 150 mbar | 3090487 |
| CB / DMV 5065/1*-5080/1 * | Rojo | 25 - 55 mbar | 3010133 |
| | Negro | 60 - 110 mbar | 3010135 |
| | Rosa | 100 - 150 mbar | 3090456 |
| | Gris | 140 - 200 mbar | 3090992 |
| CB / DMV 50100/1 * | Rojo | 25 - 55 mbar | 3010134 |
| | Negro | 60 - 110 mbar | 3010136 |
| | Rosa | 100 - 150 mbar | 3090489 |
| | Gris | 140 - 200 mbar | 3092174 |
| CB / DMV 50125/1 * | Rojo | 25 - 55 mbar | 3010315 |
| | Amarillo | 30 - 70 mbar | 3010316 |
| | Negro | 60 - 110 mbar | 3010317 |
| | Rosa | 100 - 150 mbar | 3010318 |

Tab. B

* Con y sin control de estanqueidad

1.5 Diagramas pérdida de presión

Los diagramas indican las pérdidas de presión mínimas del quemador combinadas con las rampas de gas utilizando gas natural G20 y G25.

Los valores son medidos en la toma de presión de gas del cabezal de combustión (ver manual de instrucciones del quemador).

A estos valores se le debe sumar la presión de la cámara de combustión; los valores calculados de esta manera representan la presión mínima de ingreso a la rampa.



ATENCIÓN

Para niveles de presión diferentes, póngase en contacto con nuestro Servicio Técnico.

Los valores indicados se refieren a:

- gas natural G 20 - PCI 9,45 kWh/Sm³ (8,2 Mcal/Sm³)
- gas natural G 25 - PCI 8,13 kWh/Sm³ (7,0 Mcal/Sm³)

1 Combinatie brander - gasstraat

1.1 Aanduiding gasstraat

Serie: MB

MBC

DMV

DMV12

VGD

CB

CBH

MV

CG

| | | | | | | | | | | | | | |
|-------------------------|-----|-----|-----|-----|-----|------|-----|------|------|-------|-------|-------|-----|
| Constructie afmetingen: | 405 | 407 | 410 | 412 | 415 | 420 | | | | | | | |
| | | 65 | 120 | 300 | 700 | 1200 | - | 1900 | 3100 | 5000 | | | |
| | 505 | 507 | 510 | 512 | - | 520 | 525 | 5065 | 5080 | 50100 | 50125 | 50150 | |
| | 10 | 15 | 20 | 32 | 40 | - | 50 | - | 65 | 80 | 100 | 125 | 150 |
| | | | 120 | 220 | | | | | | | | | |

Werking: /S uitsluitend de functie ON-OFF

/1 opening 1 stap

/2 opening 2 stappen

/P opening 1 stap met proportionele lucht/gas regelaar

Afdichtingscontrole: - 0

CT afdichtingscontrole op gasstraat

CQ met drukregelaar voor afdichtingscontrole

Soort verbinding: R met schroefdraad

F standaard flens ISO

F1 vierkante flens BS1

F2 vierkante flens BS2

F3 vierkante flens BS3 - BS4

Elektrische aansluiting: T Aansluitklemmen - Klemmenbord

SD Normale stekker

SM Stekker gemiddeld vermogen

Drukveld standaard uitgang: -zonder drukregelaar

0 met regelaar en proportionele druk lucht/gas

2 met regelaar en druk uitgang tot 20 mbar

3 met regelaar en druk uitgang tot 30 mbar

4 met regelaar en druk uitgang tot 40 mbar

5 met regelaar en druk uitgang tot 50 mbar

6 met regelaar en druk uitgang tot 60 mbar

8 met regelaar en druk uitgang tot 80 mbar

15 met regelaar en druk uitgang tot 150 mbar

Bediening kleppen: 0 normaal

2 gescheiden

CB 5065 /1 CT F SM 3 0

STANDAARD NAAM

UITGEBREIDE NAAM

Combinatie brander - gasstraat

1.2 Gasstraat

| Gasstraat | | | | VPS | Adapter | |
|-----------|-----------------------|--------|------|---------|---|---------|
| Code | Model | Ø | C.T. | Code | Code | |
| | | | | | RS 1000 | RS 1200 |
| 3970221 | MBC 1200/1 - RSM 60 | Rp 2" | - | 3010367 | 20066253 / (20068058) ¹ | |
| 3970225 | MBC 1200/1 CT RSM 60 | Rp 2" | ◆ | - | | |
| 3970222 | MBC 1900/1 - FSM 40 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | |
| 3970226 | MBC 1900/1 CT FSM 40 | DN 65 | ◆ | - | | |
| 3970223 | MBC 3100/1 - FSM 40 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970227 | MBC 3100/1 CT FSM 40 | DN 80 | ◆ | - | | |
| 3970224 | MBC 5000/1 - FSM 80 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970228 | MBC 5000/1 CT FSM 80 | DN 100 | ◆ | - | | |
| 3970147 | CB 5065/1 - FSM 30 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 3970161 | CB 5065/1 CT FSM 30 | DN 65 | ◆ | - | | ● |
| 3970148 | CB 5080/1 - FSM 30 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 3970162 | CB 5080/1 CT FSM 30 | DN 80 | ◆ | - | | |
| 3970149 | CB 50100/1 - FSM 30 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 3970163 | CB 50100/1 CT FSM 30 | DN 100 | ◆ | - | | |
| 20015871 | CB 50125/1 - FSM 30 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 3970196 | CB 50125/1 CT FSM 30 | DN 125 | ◆ | - | | |
| 20043053 | DMV 525/1 - RSM -0 | Rp 2" | - | 3010367 | | ● |
| 20043054 | DMV 525/1 CT RSM -0 | Rp 2" | ◆ | - | 20066253 / (20068058) ¹ | ● |
| 20043055 | DMV 525/1 CQ RSM -2 | Rp 2" | - | - | | ● |
| 20043041 | DMV 5065/1 - FSM -0 | DN 65 | - | 3010367 | 20066263 / (20065924 + 20066263) ¹ | ● |
| 20043042 | DMV 5065/1 CT FSM -0 | DN 65 | ◆ | - | | ● |
| 20043043 | DMV 5065/1 CQ FSM -2 | DN 65 | - | - | | ● |
| 20043044 | DMV 5080/1 - FSM -0 | DN 80 | - | 3010367 | 20066268 / (20065937 + 20066268) ¹ | |
| 20043045 | DMV 5080/1 CT FSM -0 | DN 80 | ◆ | - | | |
| 20043046 | DMV 5080/1 CQ FSM -2 | DN 80 | - | - | | |
| 20043047 | DMV 50100/1 - FSM -0 | DN 100 | - | 3010367 | 20066278 / (20065960 + 20066278) ¹ | |
| 20043048 | DMV 50100/1 CT FSM -0 | DN 100 | ◆ | - | | |
| 20043049 | DMV 50100/1 CQ FSM -2 | DN 100 | - | - | | |
| 20043050 | DMV 50125/1 - FSM -0 | DN 125 | - | 3010367 | 20066284 / (20065968 + 20066284) ¹ | |
| 20043051 | DMV 50125/1 CT FSM -0 | DN 125 | ◆ | - | | |
| 20043052 | DMV 50125/1 CQ FSM -2 | DN 125 | - | - | | |

Tab. A

Legenda (Tab. A)

C.T. Controlesysteem afdichting gaskleppen:

- gasstraat zonder afdichting controlesysteem;
dit systeem kan afzonderlijk besteld, zie de kolom VPS, en vervolgens geïnstalleerd worden.
- ◆ gasstraat met geïnstalleerd afdichting controlesysteem.

VPS Controlesysteem afdichting kleppen.


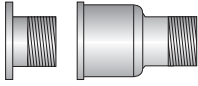
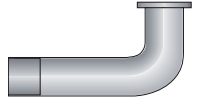
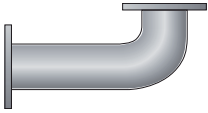

Op aanvraag wordt dit systeem afzonderlijk van de gasstraat geïnstalleerd.

● Niet verkrijgbaar

- 1) Te gebruiken met gasstraat en opening brander aan de linker kant (kant motor ventilator).
- 2) Te gebruiken voor de versie /M (mechanische nok), gasstraat aan de linker kant (kant motor ventilator) en opening brander aan de rechter kant.

Combinatie brander - gasstraat

1.3 Adapter

| Code | Adapter | Lengte (mm) |
|----------|---|-------------|
| 20042324 |  | 65 |
| 3000826 |  | 300 |
| 20066253 |  | 230 |
| 20068058 | | 780 |
| 20066263 |  | 230 |
| 20066268 | | 230 |
| 20066278 | | 230 |
| 20066284 | | 245 |
| 3010221 |  | 400 |
| 20065924 | | 800 |
| 20065937 | | 800 |
| 20065960 | | 800 |
| 20065968 | | 800 |

1.4 Veer voor drukregelaar

De onderstaande modellen veren zijn beschikbaar om het drukveld van de regelaar van de gasstraat te variëren.

| Gasstraat | Veer | | |
|-----------------------------|-------|----------------|---------|
| | Kleur | Drukveld | Code |
| MBC 1900/1*-3100/1*-5000/1* | Wit | 4 - 20 mbar | 3010381 |
| | Rood | 20 - 40 mbar | 3010382 |
| | Zwart | 40 - 80 mbar | 3010383 |
| | Groen | 80 - 150 mbar | 3010384 |
| CB 525/1* DMV 525/1* | Rood | 25 - 55 mbar | 3010132 |
| | Zwart | 60 - 110 mbar | 3010158 |
| | Roze | 90 - 150 mbar | 3090487 |
| CB / DMV 5065/1*-5080/1 * | Rood | 25 - 55 mbar | 3010133 |
| | Zwart | 60 - 110 mbar | 3010135 |
| | Roze | 100 - 150 mbar | 3090456 |
| | Grijs | 140 - 200 mbar | 3090992 |
| CB / DMV 50100/1 * | Rood | 25 - 55 mbar | 3010134 |
| | Zwart | 60 - 110 mbar | 3010136 |
| | Roze | 100 - 150 mbar | 3090489 |
| | Grijs | 140 - 200 mbar | 3092174 |
| CB / DMV 50125/1 * | Rood | 25 - 55 mbar | 3010315 |
| | Geel | 30 - 70 mbar | 3010316 |
| | Zwart | 60 - 110 mbar | 3010317 |
| | Roze | 100 - 150 mbar | 3010318 |

Tab. B

* Met en zonder afdichtingscontrole

1.5 Diagrammen lading afname

De diagrammen geven de minimum drukafname van de brander aan in combinatie met de gasbuizen en het gebruik van aardgas G20 en G25.

De waarden worden gemeten aan de gasdruk aansluiting op de branderkop (zie de handleiding van de brander).

Voeg aan deze waarden de druk van de verbrandingskamer toe. De verkregen waarden geven de minimum druk aan de ingang van de gasstraat aan.

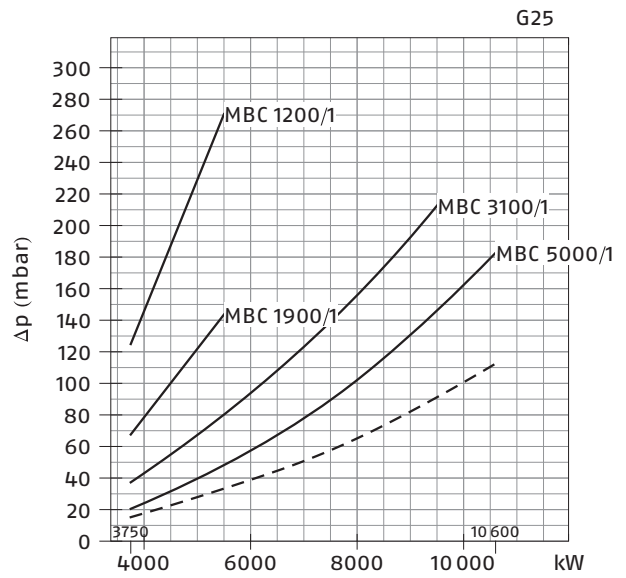
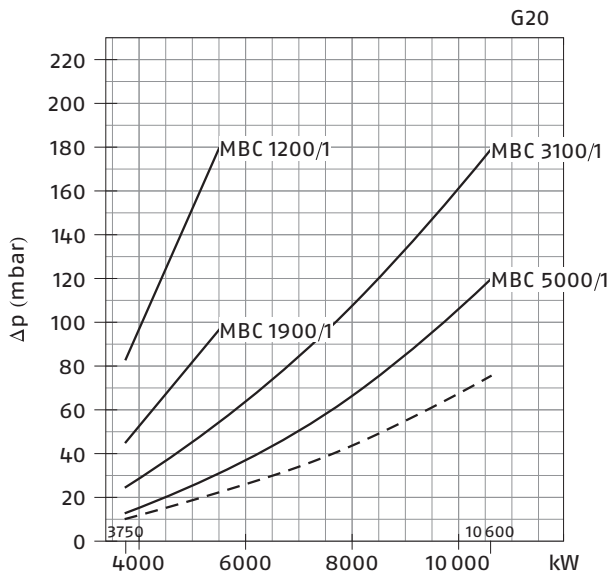


Neem contact op met de Technische Assistentie als de drukwaarden afwijken van hetgeen vermeld is.

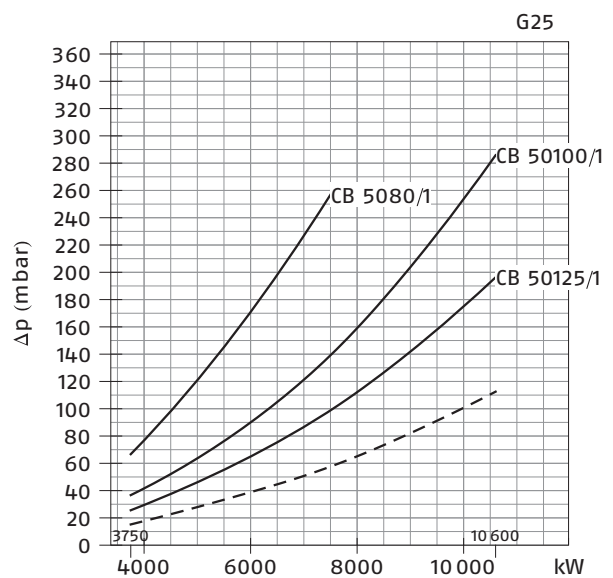
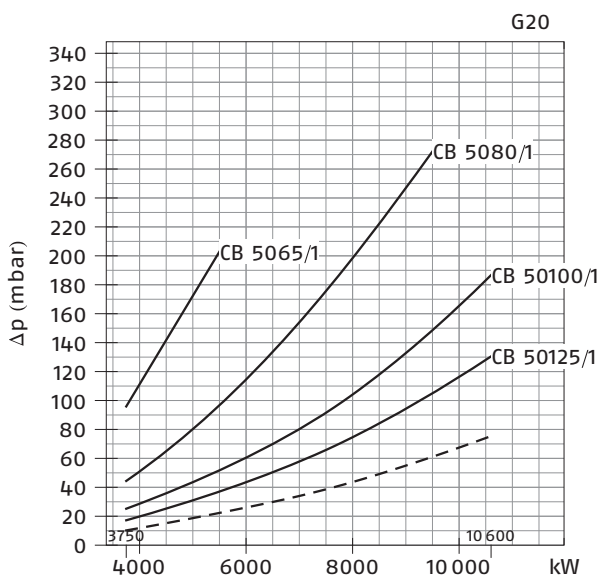
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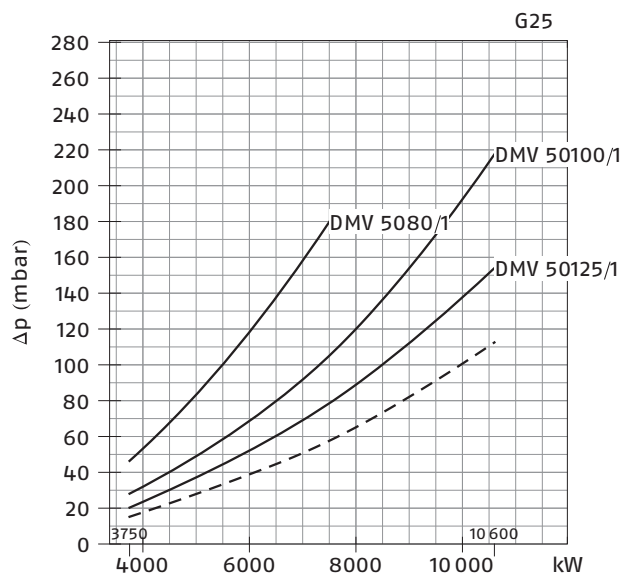
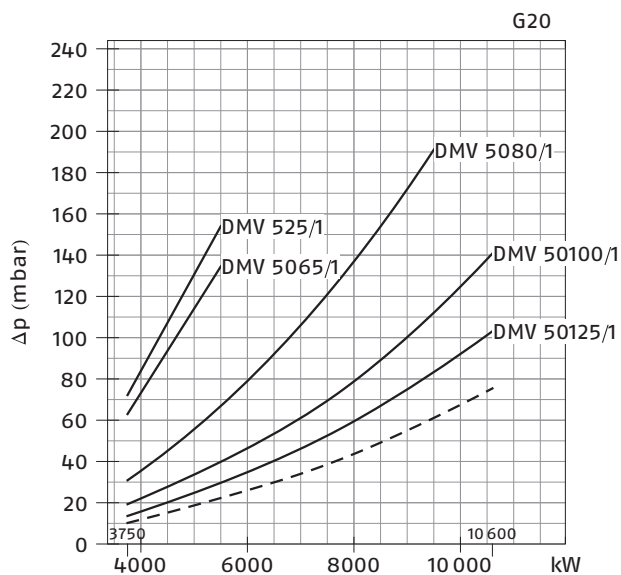
- aardgas G 20 - PCI 9,45 kWh/Sm³ (8,2 Mcal/Sm³)
- aardgas G 25 - PCI 8,13 kWh/Sm³ (7,0 Mcal/Sm³)

RS 1000/M - MBC



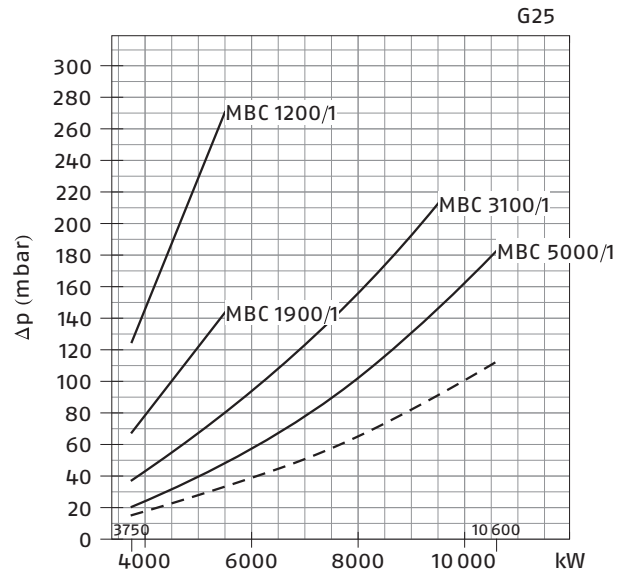
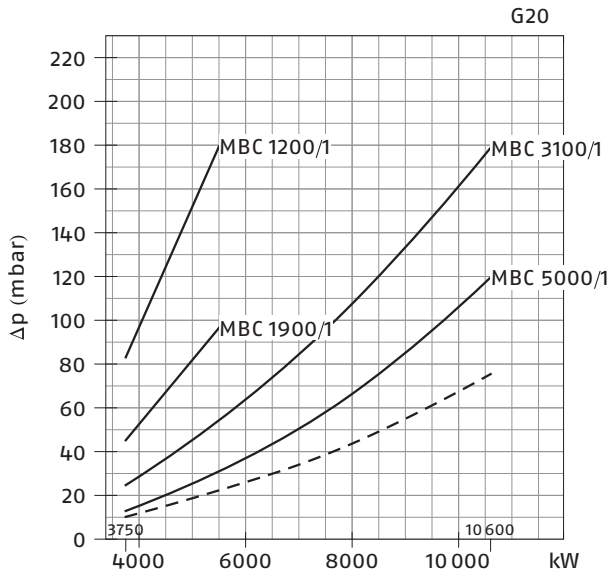
RS 1000/M - CB



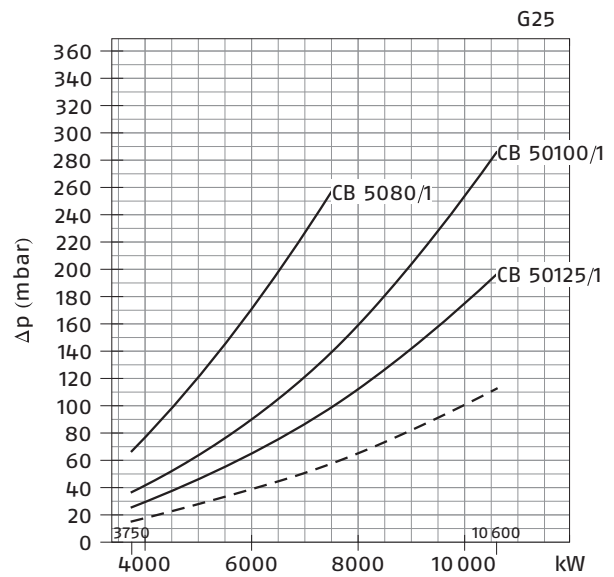
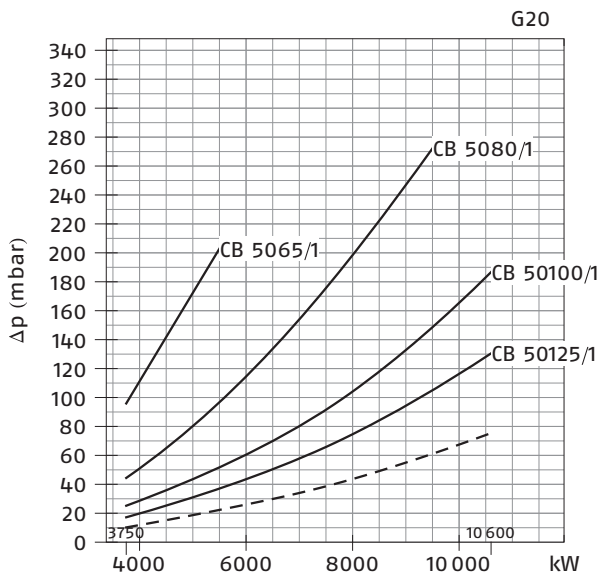


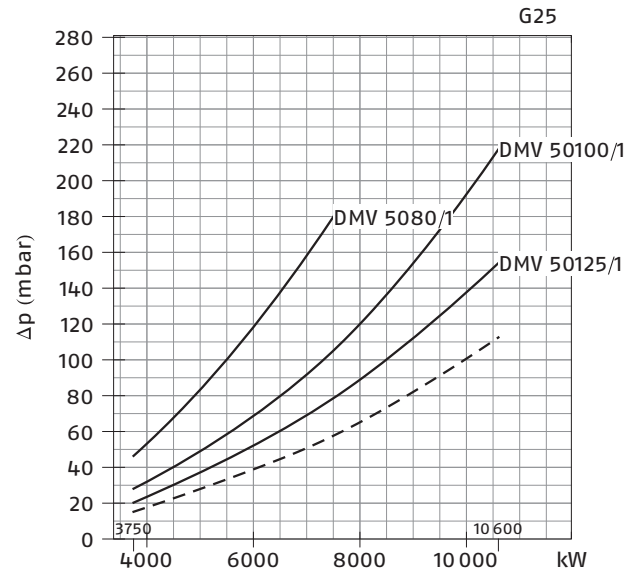
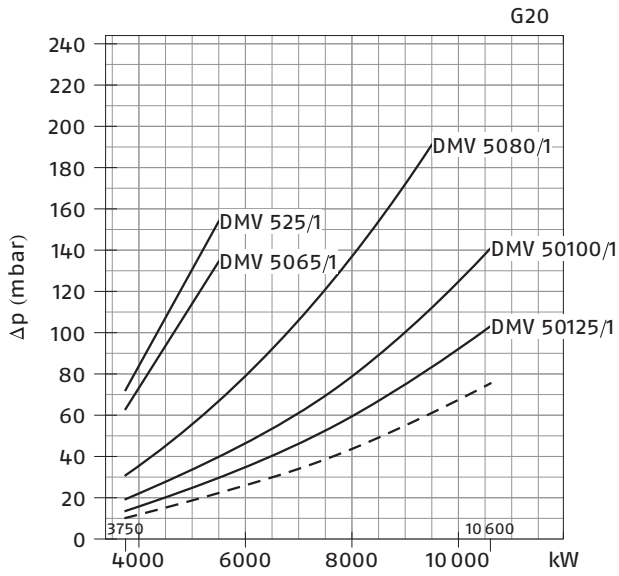
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|---|---|---|---|--|---|
| Perdite di pressione | Druckverlust | Pertes de pression | Pressure loss | Pérdida de presión | Drukafname |
| — Testa di combustione + farfalla gas + rampa gas | Flammkopf + Gasdrossel + Gasstrecke | Tête de combustion + vanne papillon gaz + rampe gaz | Combustion head + gas butterfly valve + gas train | Cabezal de combustión + válvula de mariposa gas + rampa de gas | Verbrandingskop + gasklep + gasstraat |
| - - - Testa di combustione + farfalla gas | Flammkopf + Gasdrossel | Tête de combustion + vanne papillon gaz | Combustion head + gas butterfly valve | Cabezal de combustión + válvula de mariposa gas | Verbrandingskop + gasklep |

RS 1000/E - MBC



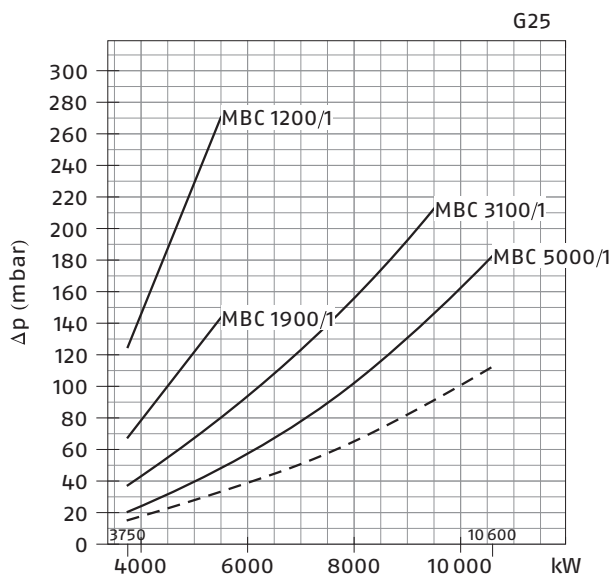
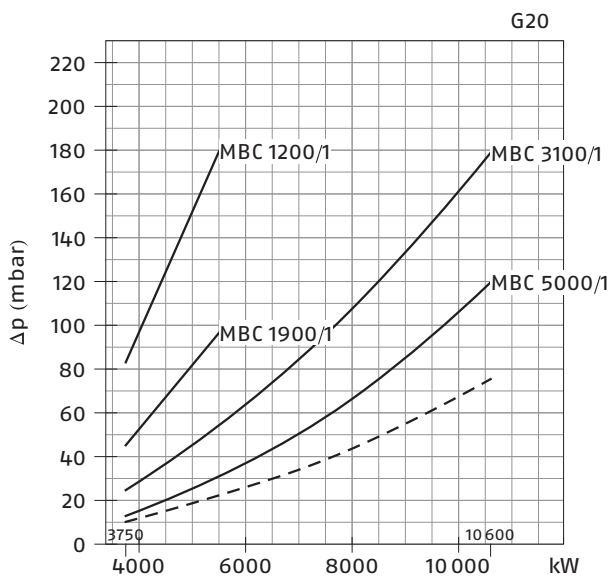
RS 1000/E - CB



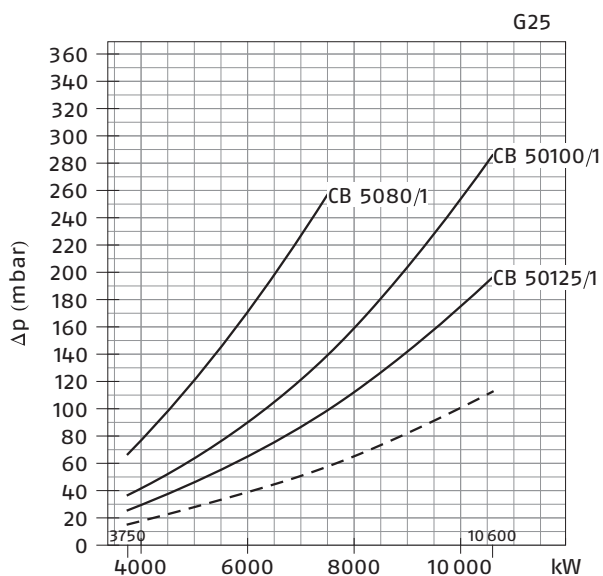
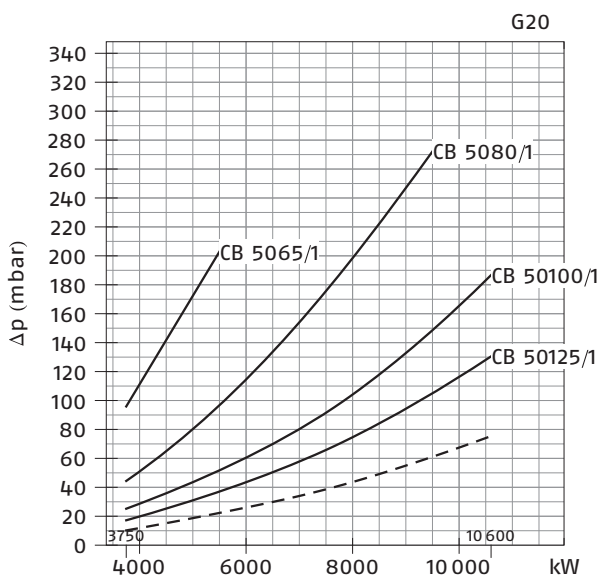


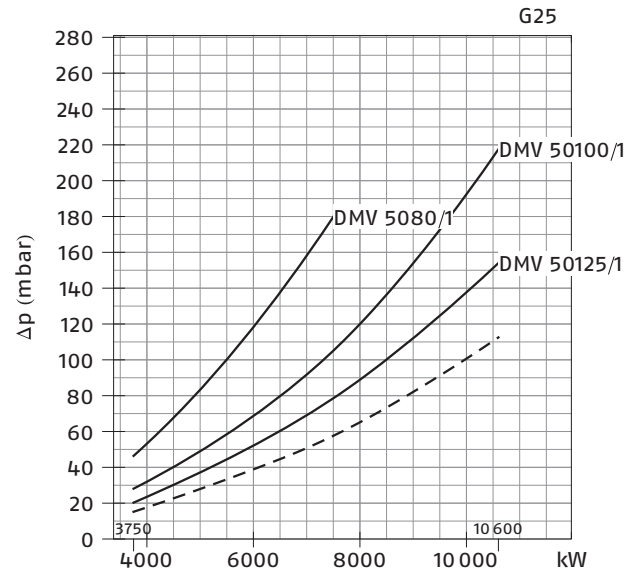
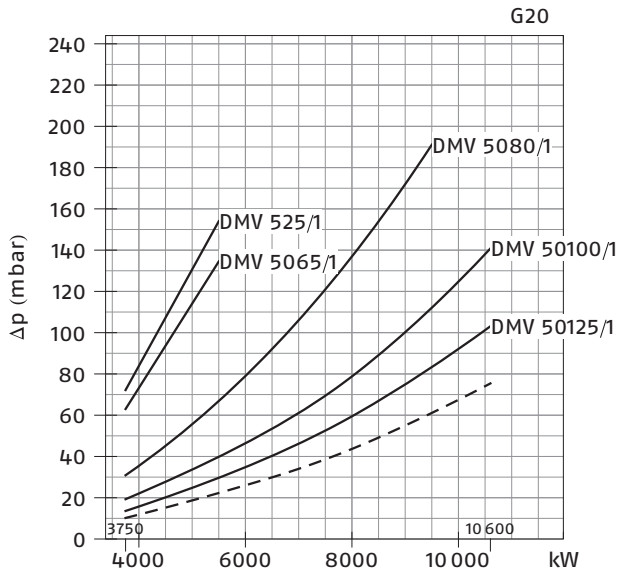
| I | D | F | GB | E | NL |
|---|---|---|---|--|---|
| Perdite di pressione | Druckverlust | Pertes de pression | Pressure loss | Pérdida de presión | Drukafname |
| — Testa di combustione + farfalla gas + rampa gas | Flammkopf + Gasdrossel + Gasstrecke | Tête de combustion + vanne papillon gaz + rampe gaz | Combustion head + gas butterfly valve + gas train | Cabezal de combustión + válvula de mariposa gas + rampa de gas | Verbrandingskop + gasklep + gasstraat |
| - - - Testa di combustione + farfalla gas | Flammkopf + Gasdrossel | Tête de combustion + vanne papillon gaz | Combustion head + gas butterfly valve | Cabezal de combustión + válvula de mariposa gas | Verbrandingskop + gasklep |

RS 1000/EV - MBC



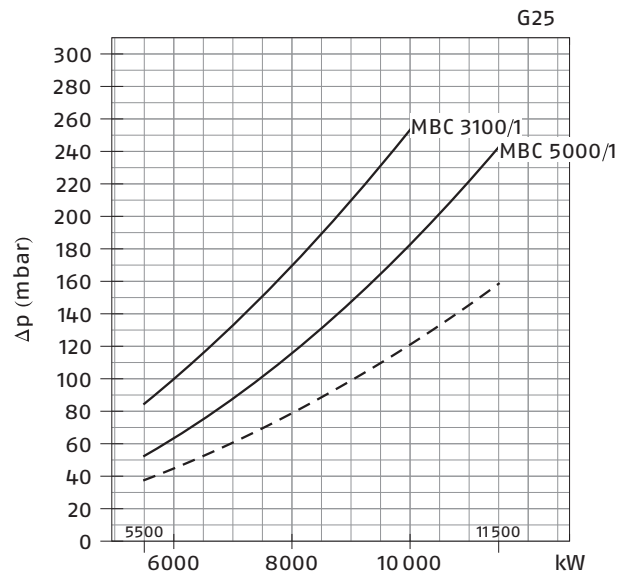
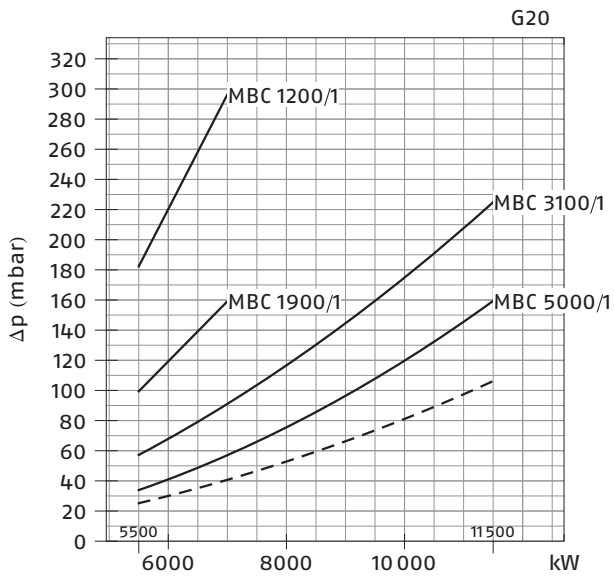
RS 1000/EV - CB



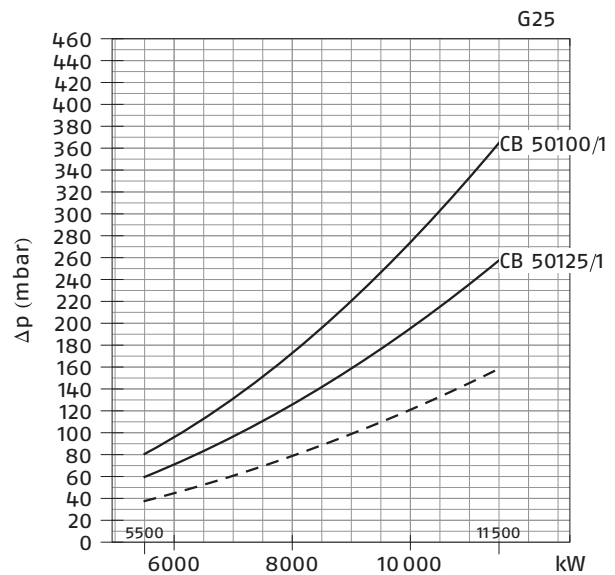
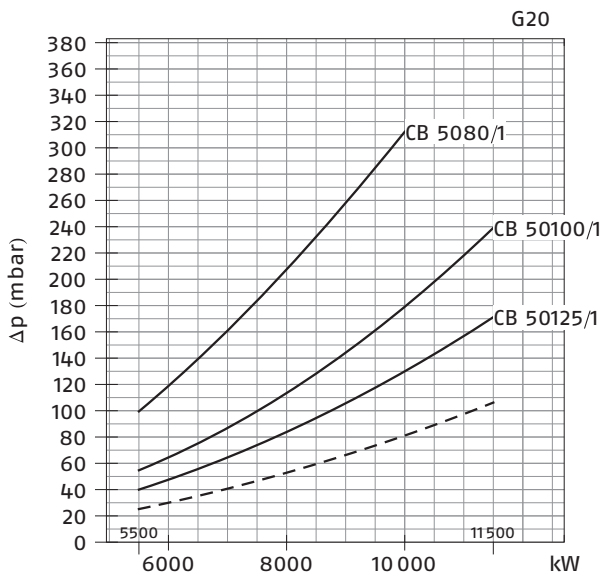


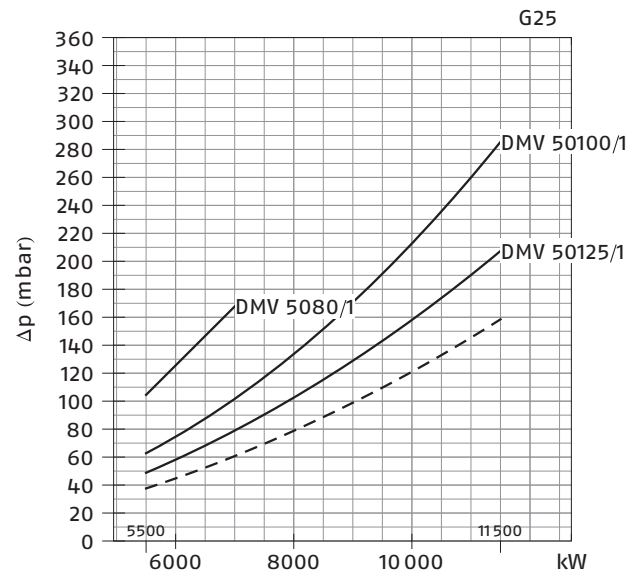
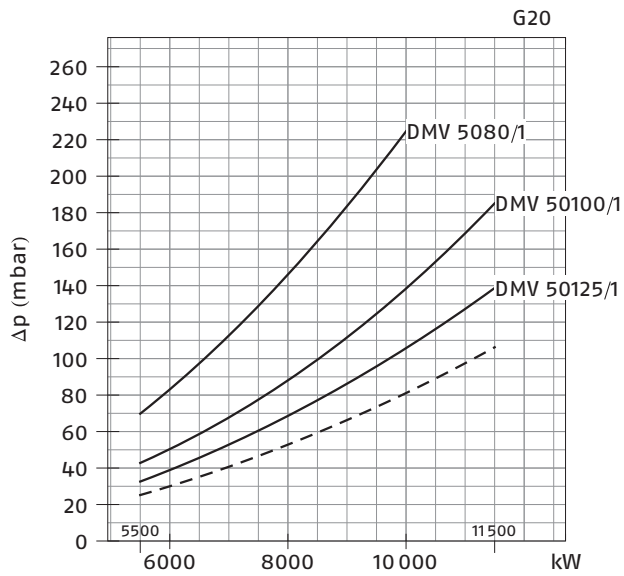
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| Perdite di pressione | Druckverlust | Pertes de pression | Pressure loss | Pérdida de presión | Drukafname |
| — Testa di combustione + farfalla gas + rampa gas | Flammkopf + Gasdrossel + Gasstrecke | Tête de combustion + vanne papillon gaz + rampe gaz | Combustion head + gas butterfly valve + gas train | Cabezal de combustión + válvula de mariposa gas + rampa de gas | Verbrandingskop + gasklep + gasstraat |
| - - - Testa di combustione + farfalla gas | Flammkopf + Gasdrossel | Tête de combustion + vanne papillon gaz | Combustion head + gas butterfly valve | Cabezal de combustión + válvula de mariposa gas | Verbrandingskop + gasklep |

RS 1200/M - MBC



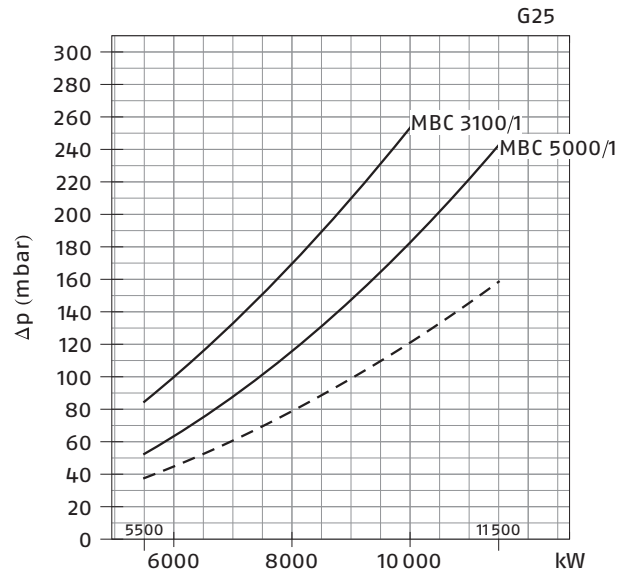
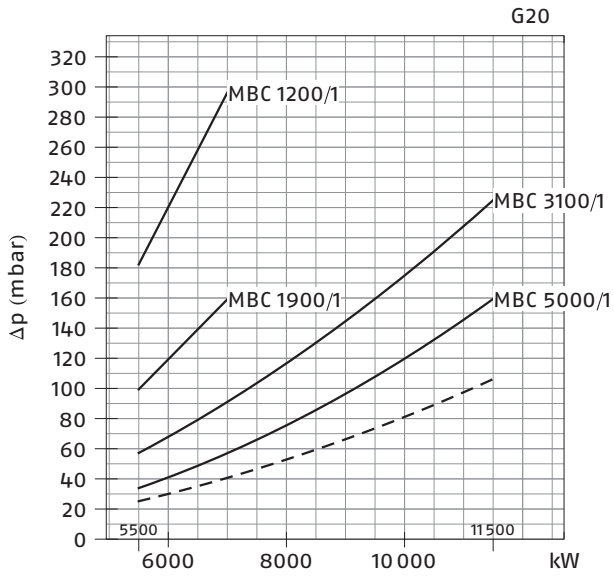
RS 1200/M - CB



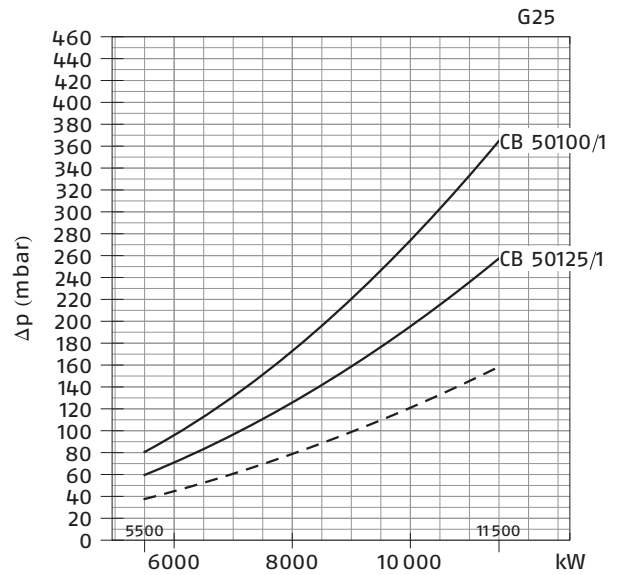
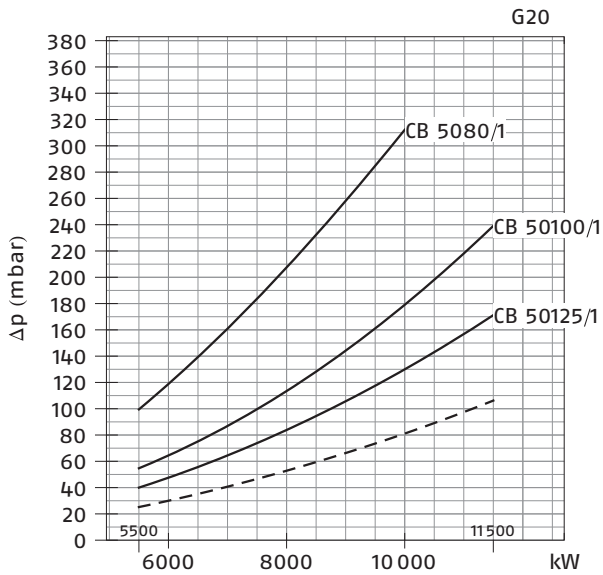


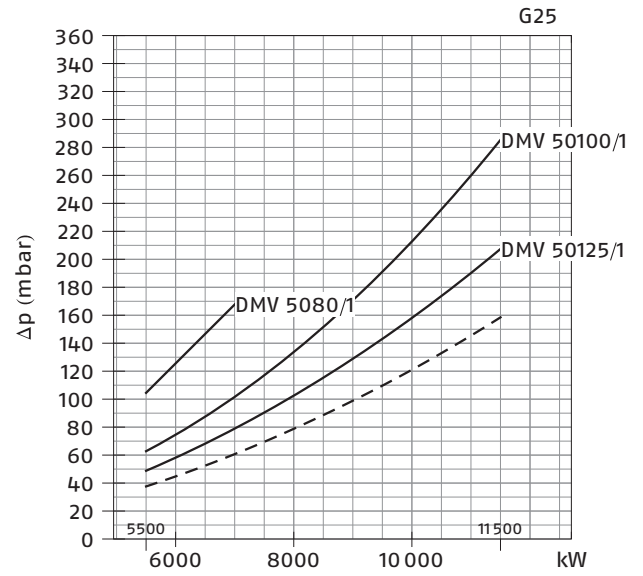
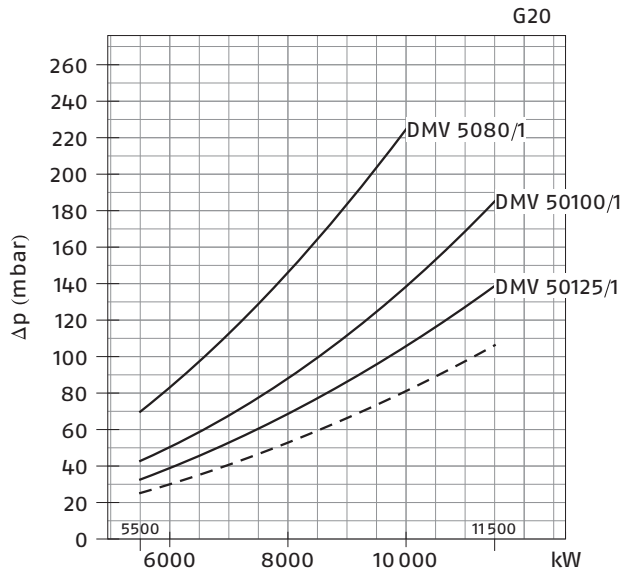
| | I | D | F | GB | E | NL |
|-------|---|---|---|---|--|---|
| | Perdite di pressione | Druckverlust | Pertes de pression | Pressure loss | Pérdida de presión | Drukafname |
| — | Testa di combustione + farfalla gas + rampa gas | Flammkopf + Gasdrossel + Gasstrecke | Tête de combustion + vanne papillon gaz + rampe gaz | Combustion head + gas butterfly valve + gas train | Cabezal de combustión + válvula de mariposa gas + rampa de gas | Verbrandingskop + gasklep + gasstraat |
| - - - | Testa di combustione + farfalla gas | Flammkopf + Gasdrossel | Tête de combustion + vanne papillon gaz | Combustion head + gas butterfly valve | Cabezal de combustión + válvula de mariposa gas | Verbrandingskop + gasklep |

RS 1200/E - MBC



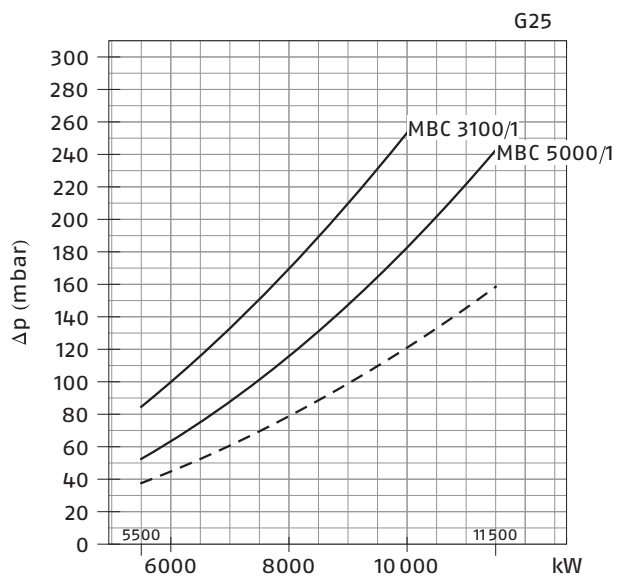
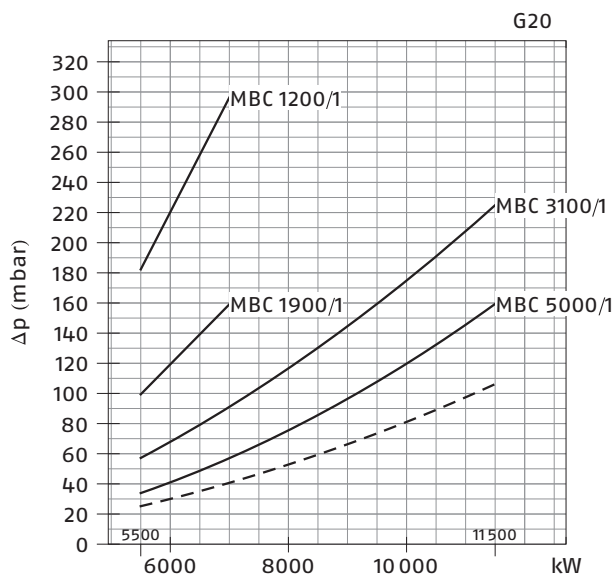
RS 1200/E - CB



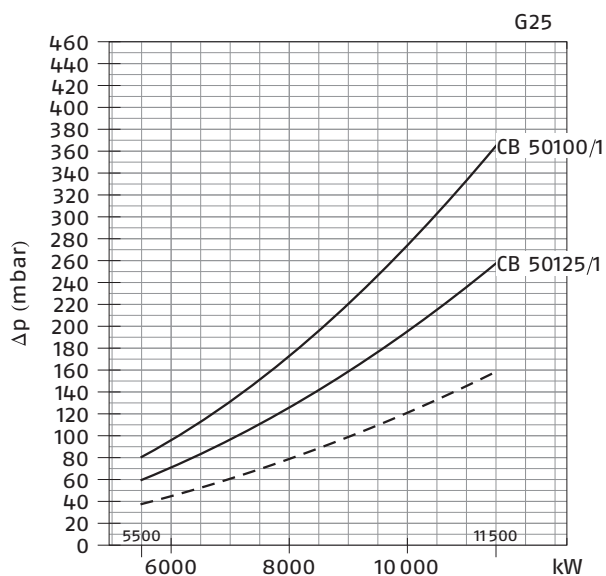
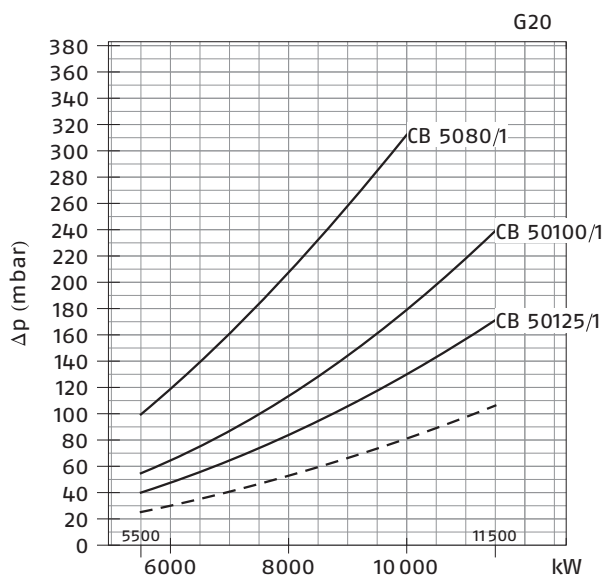


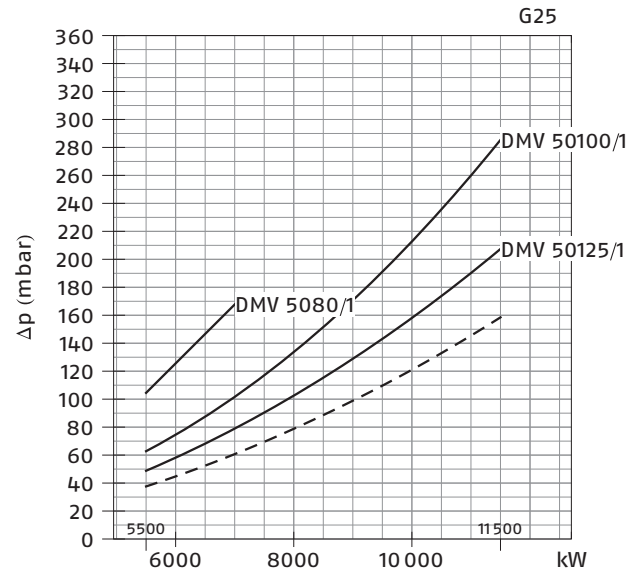
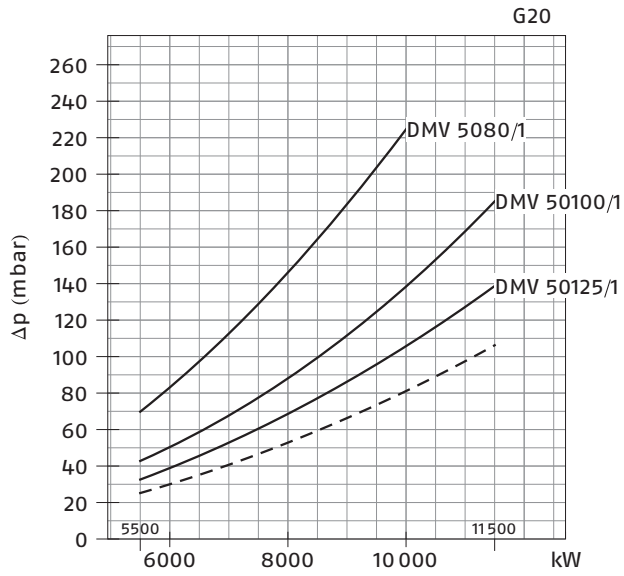
| | I | D | F | GB | E | NL |
|-------|---|---|---|---|--|---|
| | Perdite di pressione | Druckverlust | Pertes de pression | Pressure loss | Pérdida de presión | Drukafname |
| — | Testa di combustione + farfalla gas + rampa gas | Flammkopf + Gasdrossel + Gasstrecke | Tête de combustion + vanne papillon gaz + rampe gaz | Combustion head + gas butterfly valve + gas train | Cabezal de combustión + válvula de mariposa gas + rampa de gas | Verbrandingskop + gasklep + gasstraat |
| - - - | Testa di combustione + farfalla gas | Flammkopf + Gasdrossel | Tête de combustion + vanne papillon gaz | Combustion head + gas butterfly valve | Cabezal de combustión + válvula de mariposa gas | Verbrandingskop + gasklep |

RS 1200/EV - MBC



RS 1200/EV - CB





| | I | D | F | GB | E | NL |
|-------|---|---|---|---|--|---|
| | Perdite di pressione | Druckverlust | Pertes de pression | Pressure loss | Pérdida de presión | Drukafname |
| — | Testa di combustione + farfalla gas + rampa gas | Flammkopf + Gasdrossel + Gasstrecke | Tête de combustion + vanne papillon gaz + rampe gaz | Combustion head + gas butterfly valve + gas train | Cabezal de combustión + válvula de mariposa gas + rampa de gas | Verbrandingskop + gasklep + gasstraat |
| - - - | Testa di combustione + farfalla gas | Flammkopf + Gasdrossel | Tête de combustion + vanne papillon gaz | Combustion head + gas butterfly valve | Cabezal de combustión + válvula de mariposa gas | Verbrandingskop + gasklep |

