

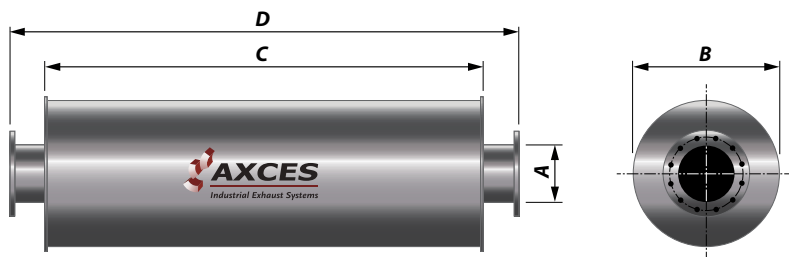


**EXHAUST  
SILENCERS**

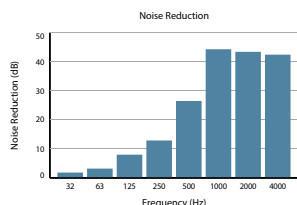
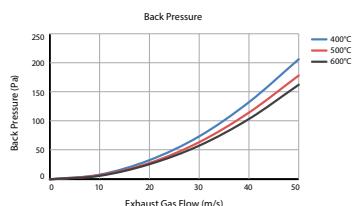


## TYPE ABS

*Damping level 20-25 dB(A)  
without integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 130100000015 | 1.5         | 40         | 48.3         | 114       | 620       | 750       | 6              |
| 130100000020 | 2           | 50         | 60.3         | 143       | 670       | 800       | 8              |
| 130100000025 | 2.5         | 60         | 76.1         | 172       | 750       | 880       | 10             |
| 130100000030 | 3           | 80         | 88.9         | 187       | 820       | 950       | 15             |
| 130100000040 | 4           | 100        | 114.3        | 243       | 1000      | 1140      | 25             |
| 130100000050 | 5           | 125        | 139.7        | 313       | 1220      | 1250      | 30             |
| 130100000060 | 6           | 150        | 168.3        | 376       | 1250      | 1450      | 50             |
| 130100000080 | 8           | 200        | 219.1        | 388       | 1500      | 1700      | 95             |
| 130100000100 | 10          | 250        | 273.0        | 584       | 2000      | 2250      | 175            |
| 130100000120 | 12          | 300        | 323.9        | 611       | 2000      | 2250      | 225            |
| 130100000140 | 14          | 350        | 355.6        | 671       | 2250      | 2500      | 270            |
| 130100000160 | 16          | 400        | 406.4        | 751       | 2750      | 3000      | 350            |
| 130100000180 | 18          | 450        | 457.2        | 851       | 3250      | 3500      | 420            |
| 130100000200 | 20          | 500        | 508.0        | 951       | 3750      | 4000      | 500            |



**Damping Of The Noise Level**  $\pm 20-25$  dB(A).

**Damping Basics** of the silencers type ABS are according the absorption principal.

**Spark Arrestor** The silencers type ABS are excluding an integrated Spark Arrestor.

**Mounting** The silencers type ABS can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

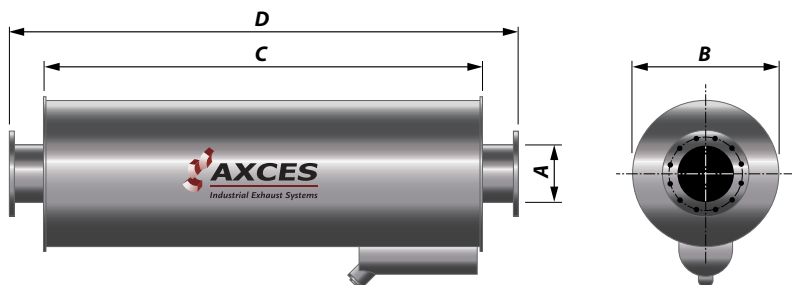
**Material** Silencers type ABS are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

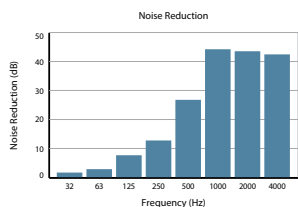
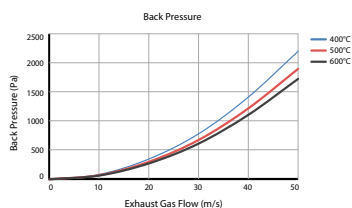
**Custom Made** Axcex silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE ABS-IS

*Damping level 20-25 B(A)  
with integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 131100000015 | 1.5         | 40         | 48.3         | 114       | 710       | 840       | 10             |
| 131100000020 | 2           | 50         | 60.3         | 143       | 870       | 1000      | 15             |
| 131100000025 | 2.5         | 60         | 76.1         | 172       | 1020      | 1150      | 20             |
| 131100000030 | 3           | 80         | 88.9         | 187       | 1120      | 1250      | 25             |
| 131100000040 | 4           | 100        | 114.3        | 243       | 1250      | 1420      | 45             |
| 131100000050 | 5           | 125        | 139.7        | 313       | 1300      | 1440      | 60             |
| 131100000060 | 6           | 150        | 168.3        | 376       | 1560      | 1710      | 90             |
| 131100000080 | 8           | 200        | 219.1        | 388       | 1850      | 2030      | 110            |
| 131100000100 | 10          | 250        | 273.0        | 584       | 2000      | 2250      | 250            |
| 131100000120 | 12          | 300        | 323.9        | 611       | 2250      | 2500      | 295            |
| 131100000140 | 14          | 350        | 355.6        | 671       | 2500      | 2750      | 350            |
| 131100000160 | 16          | 400        | 406.4        | 751       | 2750      | 3000      | 450            |
| 131100000180 | 18          | 450        | 457.2        | 851       | 3250      | 3500      | 500            |
| 131100000200 | 20          | 500        | 508.0        | 951       | 3750      | 4000      | 625            |



**Damping Of The Noise Level** 20-25 dB(A).

**Damping Basics** of the silencers type ABS-IS are according to the reflection/absorption principle.

**Spark Arrestor** The silencers type ABS-IS are excluding an integrated Spark Arrestor.

**Mounting** The silencers type ABS-IS can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

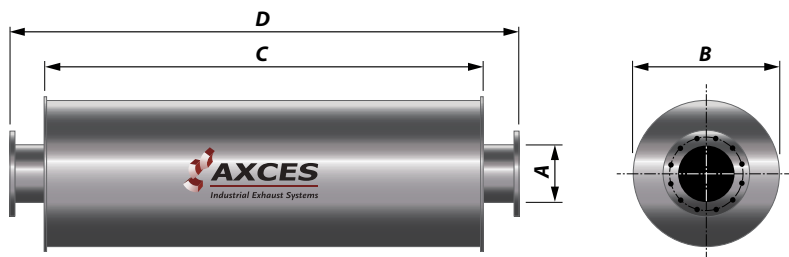
**Material** Silencers type ABS-IS are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

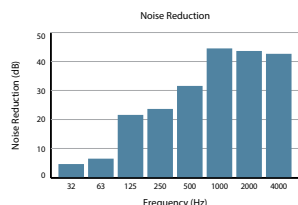
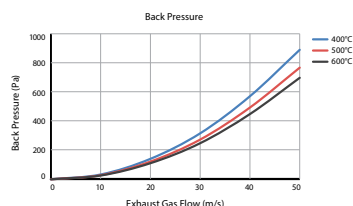
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE REAB35

*Damping level 35 dB(A)  
without integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 140100000015 | 1.5         | 40         | 48.3         | 200       | 750       | 900       | 10             |
| 140100000020 | 2           | 50         | 60.3         | 200       | 750       | 900       | 15             |
| 140100000025 | 2.5         | 60         | 76.1         | 260       | 850       | 1000      | 22             |
| 140100000030 | 3           | 80         | 88.9         | 310       | 850       | 1000      | 30             |
| 140100000040 | 4           | 100        | 114.3        | 360       | 1270      | 1500      | 50             |
| 140100000050 | 5           | 125        | 139.7        | 400       | 1270      | 1500      | 65             |
| 140100000060 | 6           | 150        | 168.3        | 475       | 1500      | 1750      | 125            |
| 140100000080 | 8           | 200        | 219.1        | 560       | 1750      | 2000      | 170            |
| 140100000100 | 10          | 250        | 273.0        | 635       | 2250      | 2500      | 250            |
| 140100000120 | 12          | 300        | 323.9        | 760       | 2500      | 2750      | 320            |
| 140100000140 | 14          | 350        | 355.6        | 800       | 2750      | 3000      | 410            |
| 140100000160 | 16          | 400        | 406.4        | 860       | 3000      | 3250      | 500            |
| 140100000180 | 18          | 450        | 457.2        | 910       | 3250      | 3500      | 565            |
| 140100000180 | 20          | 500        | 508.0        | 960       | 3500      | 3750      | 640            |



**Damping Of The Noise Level**  $\pm 35$  dB(A).

**Damping Basics** of the silencers type REAB35 are according to the reflection/absorption principle.

**Spark Arrestor** The silencers type REAB35 are excluding an integrated Spark Arrestor.

**Mounting** The silencers type REAB35 can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

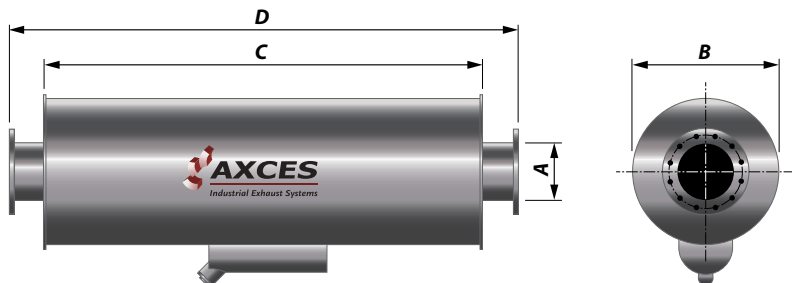
**Material** Silencers type REAB35 are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

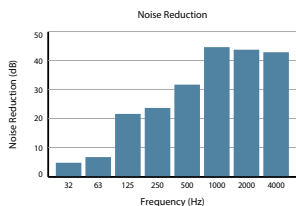
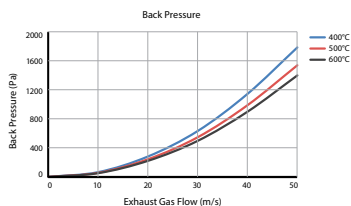
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE REAB35-IS

*Damping level 35 dB(A)  
with integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 141200000015 | 1.5         | 40         | 48.3         | 200       | 750       | 900       | 10             |
| 141200000020 | 2           | 50         | 60.3         | 200       | 750       | 900       | 15             |
| 141200000025 | 2.5         | 60         | 76.1         | 260       | 850       | 1000      | 22             |
| 141200000030 | 3           | 80         | 88.9         | 310       | 850       | 1000      | 30             |
| 141200000040 | 4           | 100        | 114.3        | 360       | 1270      | 1500      | 50             |
| 141200000050 | 5           | 125        | 139.7        | 400       | 1270      | 1500      | 65             |
| 141200000060 | 6           | 150        | 168.3        | 475       | 1500      | 1750      | 125            |
| 141200000080 | 8           | 200        | 219.1        | 560       | 1750      | 2000      | 170            |
| 141200000100 | 10          | 250        | 273.0        | 635       | 2250      | 2500      | 250            |
| 141200000120 | 12          | 300        | 323.9        | 760       | 2500      | 2750      | 320            |
| 141200000140 | 14          | 350        | 355.6        | 800       | 2750      | 3000      | 410            |
| 141200000160 | 16          | 400        | 406.4        | 860       | 3000      | 3250      | 500            |
| 141200000180 | 18          | 450        | 457.2        | 910       | 3250      | 3500      | 565            |
| 141200000200 | 20          | 500        | 508.0        | 960       | 3500      | 3750      | 640            |



**Damping Of The Noise Level**  $\pm 35$  dB(A).

**Damping Basics** of the silencers type REAB35-IS are according the reflection-absorption principal.

**Spark Arrestor** The silencers type REAB35-IS are including an integrated Spark Arrestor.

**Mounting** The silencers type REAB35-IS can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas.

**Speed** between 20-50 m/s.

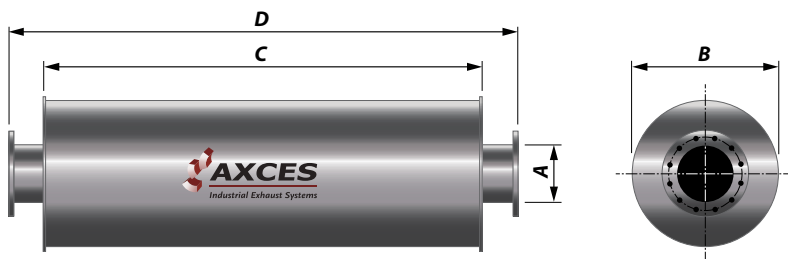
**Material** Silencers type REAB35-IS are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

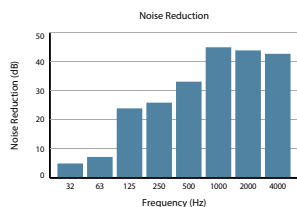
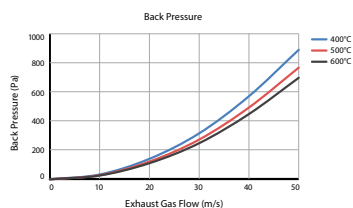
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE REAB40

*Damping level 40 dB(A)  
without integrated Spark Arrestor*



| Article No.  | A (inch) | NB (mm) | Pipe (mm) | B (mm) | C (mm) | D (mm) | Weight (kg) |
|--------------|----------|---------|-----------|--------|--------|--------|-------------|
| 140300000015 | 1.5      | 40      | 48.3      | 250    | 750    | 900    | 20          |
| 140300000020 | 2        | 50      | 60.3      | 250    | 750    | 900    | 25          |
| 140300000025 | 2.5      | 60      | 76.1      | 300    | 750    | 900    | 35          |
| 140300000030 | 3        | 80      | 88.9      | 300    | 1000   | 1250   | 40          |
| 140300000040 | 4        | 100     | 114.3     | 400    | 1250   | 1500   | 80          |
| 140300000050 | 5        | 125     | 139.7     | 400    | 1500   | 1750   | 90          |
| 140300000060 | 6        | 150     | 168.3     | 480    | 1500   | 1750   | 130         |
| 140300000080 | 8        | 200     | 219.1     | 600    | 1750   | 2000   | 200         |
| 140300000100 | 10       | 250     | 273.0     | 700    | 2250   | 2500   | 300         |
| 140300000120 | 12       | 300     | 323.9     | 800    | 2500   | 2750   | 400         |
| 140300000140 | 14       | 350     | 355.6     | 950    | 3000   | 3250   | 625         |
| 140300000160 | 16       | 400     | 406.4     | 950    | 3500   | 3750   | 800         |
| 140300000180 | 18       | 450     | 457.2     | 1100   | 4000   | 4250   | 1250        |
| 140300000200 | 20       | 500     | 508.0     | 1200   | 4500   | 4750   | 1500        |



**Damping Of The Noise Level**  $\pm 40$  dB(A).

**Damping Basics** of the silencers type REAB40 are according to the reflection/absorption principle.

**Spark Arrestor** The silencers type REAB40 are excluding an integrated Spark Arrestor.

**Mounting** The silencers type REAB40 can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

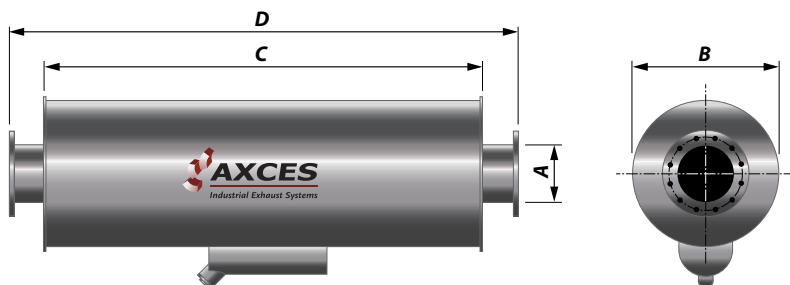
**Material** Silencers type REAB40 are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

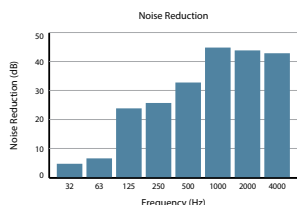
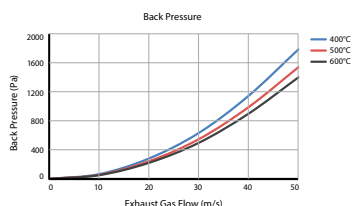
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE REAB40-IS

*Damping level 40 dB(A)  
with integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 141300000015 | 1.5         | 40         | 48.3         | 250       | 750       | 900       | 20             |
| 141300000020 | 2           | 50         | 60.3         | 250       | 750       | 900       | 25             |
| 141300000025 | 2.5         | 60         | 76.1         | 300       | 750       | 900       | 35             |
| 141300000030 | 3           | 80         | 88.9         | 300       | 1000      | 1250      | 40             |
| 141300000040 | 4           | 100        | 114.3        | 400       | 1250      | 1500      | 80             |
| 141300000050 | 5           | 125        | 139.7        | 400       | 1500      | 1750      | 90             |
| 141300000060 | 6           | 150        | 168.3        | 480       | 1500      | 1750      | 130            |
| 141300000080 | 8           | 200        | 219.1        | 600       | 1750      | 2000      | 200            |
| 141300000100 | 10          | 250        | 273.0        | 700       | 2250      | 2500      | 300            |
| 141300000120 | 12          | 300        | 323.9        | 800       | 2500      | 2750      | 400            |
| 141300000140 | 14          | 350        | 355.6        | 950       | 3000      | 3250      | 625            |
| 141300000160 | 16          | 400        | 406.4        | 950       | 3500      | 3750      | 800            |
| 141300000180 | 18          | 450        | 457.2        | 1100      | 4000      | 4250      | 1250           |
| 141300000200 | 20          | 500        | 508.0        | 1200      | 4500      | 4750      | 1500           |



**Damping Of The Noise Level**  $\pm 40$  dB(A).

**Damping Basics** of the silencers type REAB40-IS are according the reflectionabsorption principal.

**Spark Arrestor** The silencers type REAB40-IS are including an integrated Spark Arrestor.

**Mounting** The silencers type REAB40-IS can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

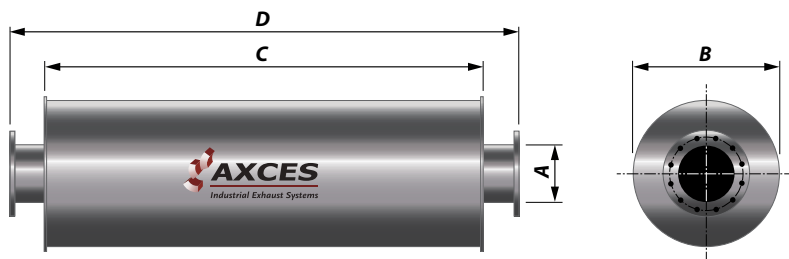
**Material** Silencers type REAB40-IS are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

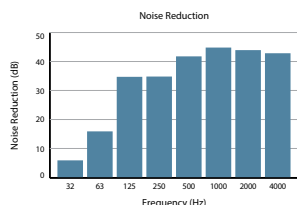
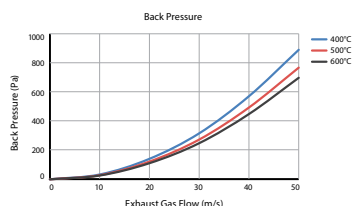
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE REAB45

*Damping level 45 dB(A)  
without integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 140400000015 | 1.5         | 40         | 48.3         | 260       | 850       | 1000      | 30             |
| 140400000020 | 2           | 50         | 60.3         | 310       | 850       | 1000      | 40             |
| 140400000025 | 2.5         | 60         | 76.1         | 360       | 1250      | 1500      | 60             |
| 140400000030 | 3           | 80         | 88.9         | 380       | 1250      | 1500      | 70             |
| 140400000040 | 4           | 100        | 114.3        | 475       | 1500      | 1750      | 120            |
| 140400000050 | 5           | 125        | 139.7        | 475       | 1500      | 1750      | 130            |
| 140400000060 | 6           | 150        | 168.3        | 560       | 2250      | 2500      | 200            |
| 140400000080 | 8           | 200        | 219.1        | 660       | 2250      | 2500      | 260            |
| 140400000100 | 10          | 250        | 273.0        | 860       | 2750      | 3000      | 480            |
| 140400000120 | 12          | 300        | 323.9        | 910       | 3000      | 3250      | 550            |
| 140400000140 | 14          | 350        | 355.6        | 960       | 3500      | 3750      | 690            |
| 140400000160 | 16          | 400        | 406.4        | 1060      | 4000      | 4250      | 1050           |
| 140400000180 | 18          | 450        | 457.2        | 1210      | 4500      | 4750      | 1400           |
| 140400000200 | 20          | 500        | 508.0        | 1300      | 5000      | 5250      | 1735           |



**Damping Of The Noise Level**  $\pm 45$  dB(A).

**Damping Basics** of the silencers type REAB45 are according to the reflection/absorption principle.

**Spark Arrestor** The silencers type REAB45 are excluding an integrated Spark Arrestor.

**Mounting** The silencers type REAB45 can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

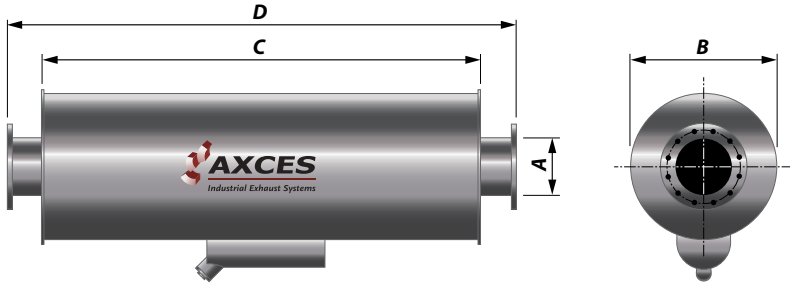
**Material** Silencers type REAB45 are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

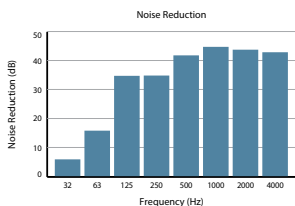
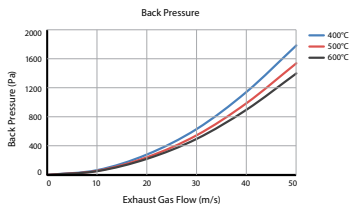
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE REAB45-IS

*Damping level 45 dB(A)  
with integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 141400000015 | 1.5         | 40         | 48.3         | 260       | 850       | 1000      | 30             |
| 141400000020 | 2           | 50         | 60.3         | 310       | 850       | 1000      | 40             |
| 141400000025 | 2.5         | 60         | 76.1         | 360       | 1250      | 1500      | 60             |
| 141400000030 | 3           | 80         | 88.9         | 380       | 1250      | 1500      | 70             |
| 141400000040 | 4           | 100        | 114.3        | 475       | 1500      | 1750      | 120            |
| 141400000050 | 5           | 125        | 139.7        | 475       | 1500      | 1750      | 130            |
| 141400000060 | 6           | 150        | 168.3        | 560       | 2250      | 2500      | 200            |
| 141400000080 | 8           | 200        | 219.1        | 660       | 2250      | 2500      | 260            |
| 141400000100 | 10          | 250        | 273.0        | 860       | 2750      | 3000      | 480            |
| 141400000120 | 12          | 300        | 323.9        | 910       | 3000      | 3250      | 550            |
| 141400000140 | 14          | 350        | 355.6        | 960       | 3500      | 3750      | 690            |
| 141400000160 | 16          | 400        | 406.4        | 1060      | 4000      | 4250      | 1050           |
| 141400000180 | 18          | 450        | 457.2        | 1210      | 4500      | 4750      | 1400           |
| 141400000200 | 20          | 500        | 508.0        | 1300      | 5000      | 5250      | 1735           |



**Damping Of The Noise Level**  $\pm 45$  dB(A).

**Damping Basics** of the silencers type REAB45-IS are according the reflectionabsorption principal.

**Spark Arrestor** The silencers type REAB45-IS are including an integrated Spark Arrestor.

**Mounting** The silencers type REAB45-IS can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

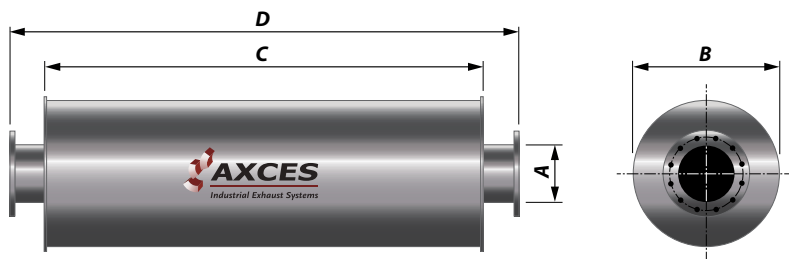
**Material** Silencers type REAB45-IS are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

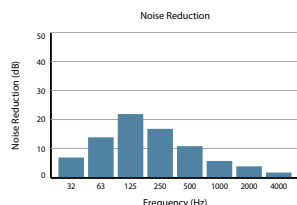
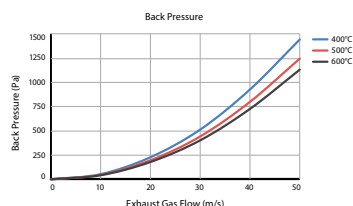
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE REF25

*Damping level 20 dB(A)  
without integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 150100000015 | 1.5         | 40         | 48.3         | 200       | 750       | 900       | 15             |
| 150100000020 | 2           | 50         | 60.3         | 200       | 750       | 900       | 16             |
| 150100000025 | 2.5         | 60         | 76.1         | 260       | 850       | 1000      | 22             |
| 150100000030 | 3           | 80         | 88.9         | 310       | 850       | 1000      | 30             |
| 150100000040 | 4           | 100        | 114.3        | 360       | 1270      | 1500      | 50             |
| 150100000050 | 5           | 125        | 139.7        | 400       | 1270      | 1500      | 65             |
| 150100000060 | 6           | 150        | 168.3        | 475       | 1500      | 1750      | 120            |
| 150100000080 | 8           | 200        | 219.1        | 560       | 1750      | 2000      | 165            |
| 150100000100 | 10          | 250        | 273.0        | 635       | 2250      | 2500      | 230            |
| 150100000120 | 12          | 300        | 323.9        | 760       | 2500      | 2750      | 330            |
| 150100000140 | 14          | 350        | 355.6        | 860       | 2750      | 3000      | 380            |
| 150100000160 | 16          | 400        | 406.4        | 910       | 3000      | 3250      | 410            |
| 150100000180 | 18          | 450        | 457.2        | 960       | 3250      | 3500      | 480            |
| 150100000200 | 20          | 500        | 508.0        | 1060      | 3500      | 3750      | 705            |



**Damping Of The Noise Level**  $\pm 20$  dB(A).

**Damping Basics** of the silencers type REF25 are according the reflection principal.

**Spark Arrestor** The silencers type REF25 are excluding an integrated Spark Arrestor.

**Mounting** The silencers type REF25 can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

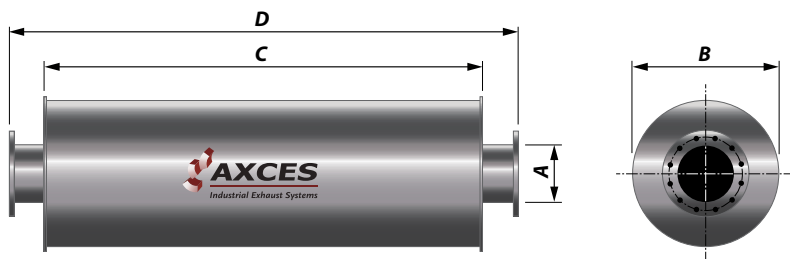
**Material** Silencers type REF25 are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

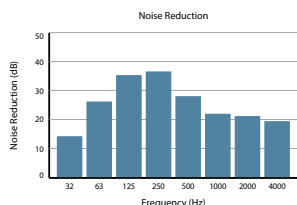
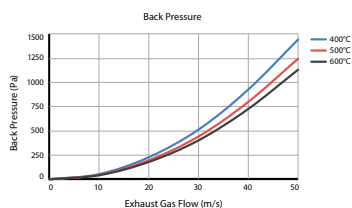
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE REF45

Damping level 30 dB(A)  
without integrated Spark Arrestor



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 150400000015 | 1.5         | 40         | 48.3         | 260       | 750       | 900       | 17             |
| 150400000020 | 2           | 50         | 60.3         | 310       | 850       | 1000      | 25             |
| 150400000025 | 2.5         | 60         | 76.1         | 360       | 850       | 1000      | 30             |
| 150400000030 | 3           | 80         | 88.9         | 400       | 1250      | 1500      | 48             |
| 150400000040 | 4           | 100        | 114.3        | 475       | 1500      | 1750      | 100            |
| 150400000050 | 5           | 125        | 139.7        | 475       | 1750      | 2000      | 135            |
| 150400000060 | 6           | 150        | 168.3        | 560       | 2250      | 2500      | 180            |
| 150400000080 | 8           | 200        | 219.1        | 660       | 2250      | 2500      | 210            |
| 150400000100 | 10          | 250        | 273.0        | 860       | 2750      | 3000      | 380            |
| 150400000120 | 12          | 300        | 323.9        | 910       | 3000      | 3250      | 410            |
| 150400000140 | 14          | 350        | 355.6        | 960       | 3500      | 3750      | 560            |
| 150400000160 | 16          | 400        | 406.4        | 1060      | 4000      | 4250      | 750            |
| 150400000180 | 18          | 450        | 457.2        | 1210      | 4500      | 4750      | 1100           |
| 150400000200 | 20          | 500        | 508.0        | 1300      | 5000      | 5250      | 1400           |



**Damping Of The Noise Level**  $\pm 30$  dB(A).

**Damping Basics** of the silencers type REF45 are according to the reflection principal.

**Spark Arrestor** The silencers type REF45 are excluding an integrated Spark Arrestor.

**Mounting** The silencers type REF45 can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

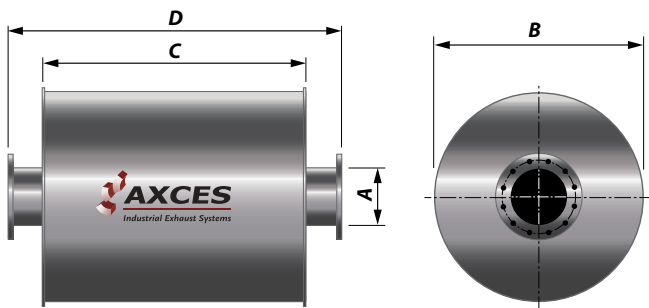
**Material** Silencers type REF45 are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

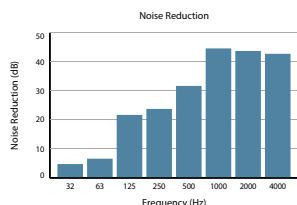
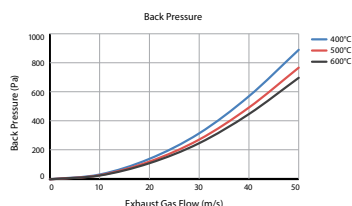
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE ACR

*Damping level 25 dB(A)  
without integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 170100000020 | 2           | 50         | 60.3         | 206       | 215       | 300       | 10             |
| 170100000025 | 2.5         | 60         | 76.1         | 306       | 320       | 420       | 14             |
| 170100000030 | 3           | 80         | 88.9         | 306       | 320       | 420       | 20             |
| 170100000040 | 4           | 100        | 114.3        | 356       | 390       | 540       | 25             |
| 170100000050 | 5           | 125        | 139.7        | 401       | 535       | 650       | 30             |
| 170100000060 | 6           | 150        | 168.3        | 482       | 606       | 750       | 40             |
| 170100000080 | 8           | 200        | 219.1        | 556       | 756       | 900       | 50             |
| 170100000100 | 10          | 250        | 273.0        | 708       | 856       | 1000      | 60             |
| 170100000120 | 12          | 300        | 323.9        | 800       | 1006      | 1200      | 70             |
| 170100000140 | 14          | 350        | 355.6        | 908       | 1256      | 1500      | 100            |
| 170100000160 | 16          | 400        | 406.4        | 1060      | 1408      | 1600      | 160            |
| 170100000180 | 18          | 450        | 457.2        | 1212      | 1510      | 1700      | 200            |
| 170100000200 | 20          | 500        | 508.0        | 1312      | 1810      | 2000      | 250            |



**Damping Of The Noise Level**  $\pm 25$  dB(A).

**Damping Basics** of the silencers type ACR are according the reflection absorption principal.

**Spark Arrestor** The silencers type ACR are excluding an integrated Spark Arrestor.

**Mounting** The silencers type ACR can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

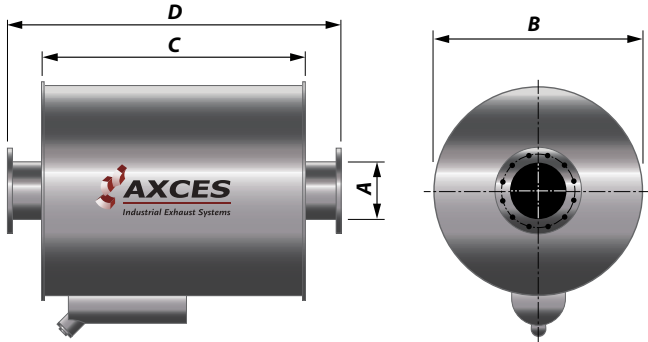
**Material** Silencers type ACR are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

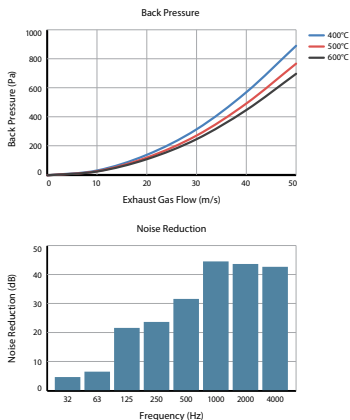
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE ACR-IS

*Damping level 25 dB(A)  
with integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|----------------|
| 170200000020 | 2           | 50         | 60.3         | 206       | 215       | 300       | 10             |
| 170200000025 | 2.5         | 60         | 76.1         | 306       | 320       | 420       | 14             |
| 170200000030 | 3           | 80         | 88.9         | 306       | 320       | 420       | 20             |
| 170200000040 | 4           | 100        | 114.3        | 356       | 390       | 540       | 25             |
| 170200000050 | 5           | 125        | 139.7        | 401       | 535       | 650       | 30             |
| 170200000060 | 6           | 150        | 168.3        | 482       | 606       | 750       | 40             |
| 170200000080 | 8           | 200        | 219.1        | 556       | 756       | 900       | 50             |
| 170200000100 | 10          | 250        | 273.0        | 708       | 856       | 1000      | 60             |
| 170200000120 | 12          | 300        | 323.9        | 800       | 1006      | 1200      | 70             |
| 170200000140 | 14          | 350        | 355.6        | 908       | 1256      | 1500      | 100            |
| 170200000160 | 16          | 400        | 406.4        | 1060      | 1408      | 1600      | 160            |
| 170200000180 | 18          | 450        | 457.2        | 1212      | 1510      | 1700      | 200            |
| 170200000200 | 20          | 500        | 508.0        | 1312      | 1810      | 2000      | 250            |



**Damping Of The Noise Level**  $\pm 25$  dB(A).

**Damping Basics** of the silencers type ACR-IS are according to the reflection absorption principal.

**Spark Arrestor** The silencers type ACR-IS are including an integrated Spark Arrestor.

**Mounting** The silencers type ACR-IS can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

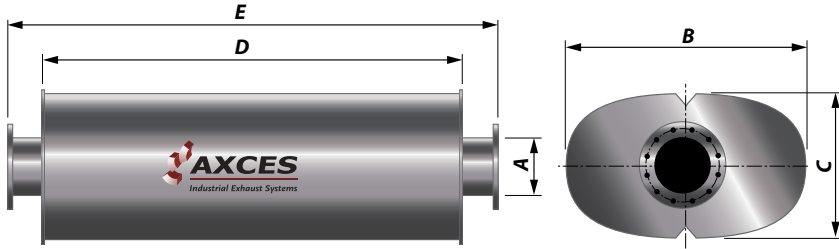
**Material** Silencers type ACR-IS are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

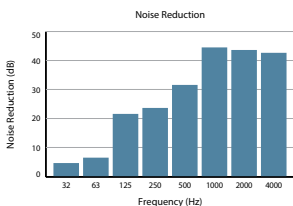
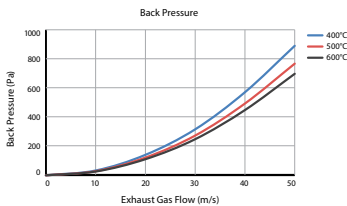
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE AOR 35

Damping level 35 dB(A)  
without integrated Spark Arrestor



| Article No.  | A (inch) | NB (mm) | Pipe (mm) | B (mm) | C (mm) | D (mm) | E (mm) | Weight (kg) |
|--------------|----------|---------|-----------|--------|--------|--------|--------|-------------|
| 180100000020 | 2        | 50      | 60.3      | 280    | 150    | 750    | 900    | 20          |
| 180100000025 | 2.5      | 60      | 76.1      | 350    | 180    | 850    | 1000   | 30          |
| 180100000030 | 3        | 80      | 88.9      | 420    | 220    | 850    | 1000   | 40          |
| 180100000040 | 4        | 100     | 114.3     | 480    | 240    | 1270   | 1500   | 60          |
| 180100000050 | 5        | 125     | 139.7     | 535    | 270    | 1270   | 1500   | 80          |
| 180100000060 | 6        | 150     | 168.3     | 635    | 320    | 1500   | 1750   | 150         |
| 180100000080 | 8        | 200     | 219.1     | 750    | 375    | 1750   | 2000   | 200         |
| 180100000100 | 10       | 250     | 273.0     | 850    | 425    | 2250   | 2500   | 180         |
| 180100000120 | 12       | 300     | 323.9     | 1000   | 510    | 2500   | 2750   | 360         |
| 180100000140 | 14       | 350     | 355.6     | 1065   | 535    | 2750   | 3000   | 450         |
| 180100000160 | 16       | 400     | 406.4     | 1150   | 570    | 3000   | 3250   | 550         |
| 180100000180 | 18       | 450     | 457.2     | 1210   | 610    | 3250   | 3500   | 625         |
| 180100000200 | 20       | 500     | 508.0     | 1275   | 640    | 3500   | 3750   | 700         |



**Damping Of The Noise Level**  $\pm 35$  dB(A).

**Damping Basics** of the silencers type AOR35 are according to the reflection absorption principle.

**Spark Arrestor** The silencers type AOR35 are excluding an integrated Spark Arrestor.

**Mounting** The silencers type AOR35 can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

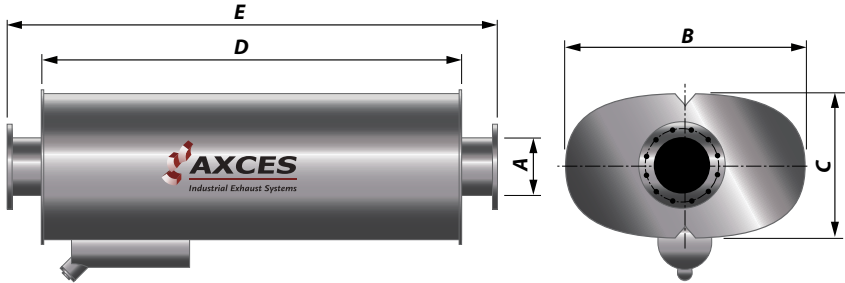
**Material** Silencers type AOR35 are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

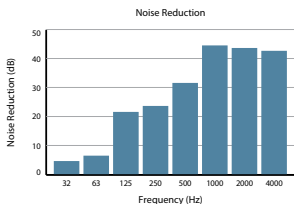
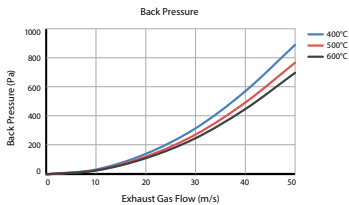
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE AOR 35-IS

*Damping level 35 dB(A)  
with integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | E<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|-----------|----------------|
| 180110000020 | 2           | 50         | 60.3         | 280       | 150       | 750       | 900       | 20             |
| 180110000025 | 2.5         | 60         | 76.1         | 350       | 180       | 850       | 1000      | 30             |
| 180110000030 | 3           | 80         | 88.9         | 420       | 220       | 850       | 1000      | 40             |
| 180110000040 | 4           | 100        | 114.3        | 480       | 240       | 1270      | 1500      | 60             |
| 180110000050 | 5           | 125        | 139.7        | 535       | 270       | 1270      | 1500      | 80             |
| 180110000060 | 6           | 150        | 168.3        | 635       | 320       | 1500      | 1750      | 150            |
| 180110000080 | 8           | 200        | 219.1        | 750       | 375       | 1750      | 2000      | 200            |
| 180110000100 | 10          | 250        | 273.0        | 850       | 425       | 2250      | 2500      | 180            |
| 180110000120 | 12          | 300        | 323.9        | 1000      | 510       | 2500      | 2750      | 360            |
| 180110000140 | 14          | 350        | 355.6        | 1065      | 535       | 2750      | 3000      | 450            |
| 180110000160 | 16          | 400        | 406.4        | 1150      | 570       | 3000      | 3250      | 550            |
| 180110000180 | 18          | 450        | 457.2        | 1210      | 610       | 3250      | 3500      | 625            |
| 180110000200 | 20          | 500        | 508.0        | 1275      | 640       | 3500      | 3750      | 700            |



**Damping Of The Noise Level**  $\pm 35$  dB(A).

**Damping Basics** of the silencers type AOR35-IS are according to the reflection absorption principal.

**Spark Arrestor** The silencers type AOR35-IS are including an integrated Spark Arrestor.

**Mounting** The silencers type AOR35-IS can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

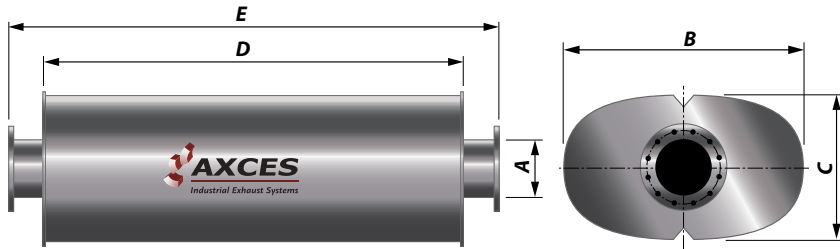
**Material** Silencers type AOR35-IS are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

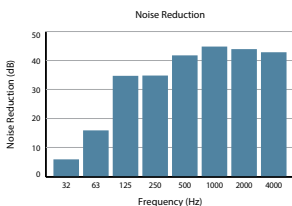
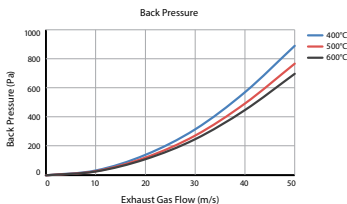
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE AOR 45

*Damping level 45 dB(A)  
without integrated Spark Arrestor*



| Article No.  | A (inch) | NB (mm) | Pipe (mm) | B (mm) | C (mm) | D (mm) | E (mm) | Weight (kg) |
|--------------|----------|---------|-----------|--------|--------|--------|--------|-------------|
| 180210000020 | 2"       | 50      | 60.3      | 420    | 220    | 850    | 1000   | 45          |
| 180210000025 | 2.5"     | 60      | 76.1      | 480    | 240    | 1250   | 1500   | 68          |
| 180210000030 | 3"       | 80      | 88.9      | 510    | 260    | 1250   | 1500   | 80          |
| 180210000040 | 4"       | 100     | 114.3     | 635    | 320    | 1500   | 1750   | 130         |
| 180210000050 | 5"       | 125     | 139.7     | 635    | 320    | 1500   | 1750   | 145         |
| 180210000060 | 6"       | 150     | 168.3     | 750    | 375    | 2250   | 2500   | 225         |
| 180210000080 | 8"       | 200     | 219.1     | 875    | 440    | 2250   | 2500   | 300         |
| 180210000100 | 10"      | 250     | 273.0     | 1150   | 570    | 2750   | 3000   | 510         |
| 180210000120 | 12"      | 300     | 323.9     | 1210   | 610    | 3000   | 3250   | 610         |
| 180210000140 | 14"      | 350     | 355.6     | 1275   | 640    | 3500   | 3750   | 750         |
| 180210000160 | 16"      | 400     | 406.4     | 1410   | 705    | 4000   | 4250   | 1100        |
| 180210000180 | 18"      | 450     | 457.2     | 1605   | 805    | 4500   | 4750   | 1460        |
| 180210000200 | 20"      | 500     | 508.0     | 1725   | 865    | 5000   | 5250   | 1800        |



**Damping Of The Noise Level**  $\pm 45$  dB(A).

**Damping Basics** of the silencers type AOR45 are according to the reflection absorption principal.

**Spark Arrestor** The silencers type AOR45 are excluding an integrated Spark Arrestor.

**Mounting** The silencers type AOR45 can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

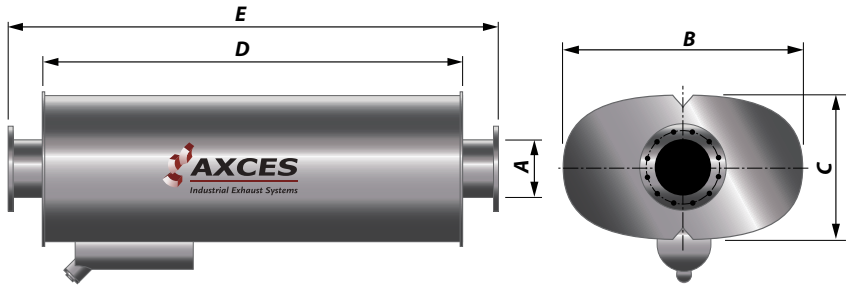
**Material** Silencers type AOR45 are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

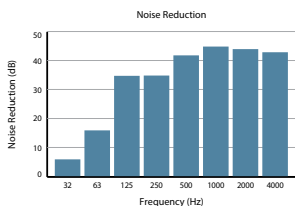
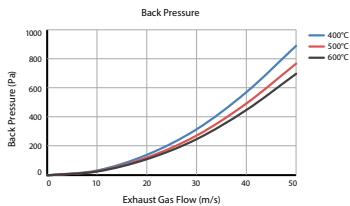
**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.

## TYPE AOR 45-IS

*Damping level 45 dB(A)  
with integrated Spark Arrestor*



| Article No.  | A<br>(inch) | NB<br>(mm) | Pipe<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | E<br>(mm) | Weight<br>(kg) |
|--------------|-------------|------------|--------------|-----------|-----------|-----------|-----------|----------------|
| 180200000020 | 2"          | 50         | 60.3         | 420       | 220       | 850       | 1000      | 45             |
| 180200000025 | 2.5"        | 60         | 76.1         | 480       | 240       | 1250      | 1500      | 68             |
| 180200000030 | 3"          | 80         | 88.9         | 510       | 260       | 1250      | 1500      | 80             |
| 180200000040 | 4"          | 100        | 114.3        | 635       | 320       | 1500      | 1750      | 130            |
| 180200000050 | 5"          | 125        | 139.7        | 635       | 320       | 1500      | 1750      | 145            |
| 180200000060 | 6"          | 150        | 168.3        | 750       | 375       | 2250      | 2500      | 225            |
| 180200000080 | 8"          | 200        | 219.1        | 875       | 440       | 2250      | 2500      | 300            |
| 180200000100 | 10"         | 250        | 273.0        | 1150      | 570       | 2750      | 3000      | 510            |
| 180200000120 | 12"         | 300        | 323.9        | 1210      | 610       | 3000      | 3250      | 610            |
| 180200000140 | 14"         | 350        | 355.6        | 1275      | 640       | 3500      | 3750      | 750            |
| 180200000160 | 16"         | 400        | 406.4        | 1410      | 705       | 4000      | 4250      | 1100           |
| 180200000180 | 18"         | 450        | 457.2        | 1605      | 805       | 4500      | 4750      | 1460           |
| 180200000200 | 20"         | 500        | 508.0        | 1725      | 865       | 5000      | 5250      | 1800           |



**Damping Of The Noise Level**  $\pm 45$  dB(A).

**Damping Basics** of the silencers type AOR45-IS are according the reflection absorption principal.

**Spark Arrestor** The silencers type AOR45-IS are excluding an integrated Spark Arrestor.

**Mounting** The silencers type AOR45-IS can be installed both horizontal and vertical.

**Exhaust Gas Speed** Advised Exhaust Gas Speed between 20-50 m/s.

**Material** Silencers type AOR45-IS are produced out of Steel 37-2 (S235JRG2).

**Temperature** Maximum allowable temperature is 600°C.

**Custom Made** Axces silencers are also manufactured based on specific dimensions or client's requirements.