



induction technology group ltd

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ITG Revised Aluminium Airbox Product Code List

Previously, all ITG airbox units were ordered in two parts. The airbox housing (ARAB54AB, ARAB65AB, STAB99, STAB99LD, STAB99XL, STAB122, STAB122XL) and the filter spinning outlet (ARAB54/??*, ARAB65/??* And ARAB80/??*).

*??*Denotes the filter spinning outlet internal diameter of the standard maxogen range*

This meant that ordering a complete assembly for an airbox and filter with an outlet of 73mm would have been as follows:

Airbox - ARAB65AB
Filter - ARAB65/73

We have now revised our product codes, so that when placing an order, it is processed as a complete unit of filter **AND** airbox, as opposed to two separate items.

Please find below a list of the new product codes for all items along with recommended ducting and silicone hose options*.

*All measurements are in (mm) and are internal diameters (ID).

ARAB54 Assembly's

Product code	Ducting	Silicone Hose
ARAB54/57R	76mm ID	60mm ID
ARAB54/67	76mm ID	70mm ID

ARAB65 Assembly's

Product code	Ducting	Silicone Hose
ARAB65/58	102mm ID	60mm ID
ARAB65/60	102mm ID	63mm ID
ARAB65/63	102mm ID	65mm ID
ARAB65/67	102mm ID	70mm ID
ARAB65/67R	102mm ID	70mm ID
ARAB65/70	102mm ID	73mm ID
ARAB65/73	102mm ID	76mm ID
ARAB65/73R	102mm ID	76mm ID
ARAB65/78	102mm ID	80mm ID



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ARAB80 Assembly's

Product code	Ducting	Silicone Hose
ARAB80/67	127mm ID	70mm ID
ARAB80/67R	127mm ID	70mm ID
ARAB80/80	127mm ID	82mm ID
ARAB80/80R	127mm ID	82mm ID
ARAB80/86	127mm ID	90mm ID
ARAB80/86R	127mm ID	90mm ID
ARAB80/93	127mm ID	95mm ID
ARAB80/99	127mm ID	102mm ID
ARAB80/114	127mm ID	120mm ID
ARAB80/124	127mm ID	127mm ID

STAB99 Assembly's

Product code	Ducting	Silicone Hose
STAB99/58	102mm ID	60mm ID
STAB99/60	102mm ID	63mm ID
STAB99/63	102mm ID	65mm ID
STAB99/67	102mm ID	70mm ID
STAB99/67R	102mm ID	70mm ID
STAB99/70	102mm ID	73mm ID
STAB99/73	102mm ID	76mm ID
STAB99/73R	102mm ID	76mm ID
STAB99/78	102mm ID	80mm ID

STAB99XL Assembly's

Product code	Ducting	Silicone Hose
STAB99XL/58	102mm ID	60mm ID
STAB99XL/60	102mm ID	63mm ID
STAB99XL/63	102mm ID	65mm ID
STAB99XL/67	102mm ID	70mm ID
STAB99XL/67R	102mm ID	70mm ID
STAB99XL/70	102mm ID	73mm ID
STAB99XL/73	102mm ID	76mm ID
STAB99XL/73R	102mm ID	76mm ID
STAB99XL/78	102mm ID	80mm ID



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STAB99LD Assembly's

Product code	Ducting	Silicone Hose
STAB99LD/67	127mm ID	70mm ID
STAB99LD /67R	127mm ID	70mm ID
STAB99LD /80	127mm ID	82mm ID
STAB99LD /80R	127mm ID	82mm ID
STAB99LD /86	127mm ID	90mm ID
STAB99LD /86R	127mm ID	90mm ID
STAB99LD /93	127mm ID	95mm ID
STAB99LD /99	127mm ID	102mm ID
STAB99LD /114	127mm ID	120mm ID
STAB99LD /124	127mm ID	127mm ID

STAB122 Assembly's

Product code	Ducting	Silicone Hose
STAB122/67	127mm ID	70mm ID
STAB122/67R	127mm ID	70mm ID
STAB122/80	127mm ID	82mm ID
STAB122/80R	127mm ID	82mm ID
S STAB122/86	127mm ID	90mm ID
STAB122/86R	127mm ID	90mm ID
STAB122/93	127mm ID	95mm ID
STAB122/99	127mm ID	102mm ID
STAB122/114	127mm ID	120mm ID
STAB122/124	127mm ID	127mm ID

STAB122XL Assembly's

Product code	Ducting	Silicone Hose
STAB122XL/67	127mm ID	70mm ID
STAB122XL/67R	127mm ID	70mm ID
STAB122XL/80	127mm ID	82mm ID
STAB122XL/80R	127mm ID	82mm ID
S STAB122XL/86	127mm ID	90mm ID
STAB122XL/86R	127mm ID	90mm ID
STAB122XL/93	127mm ID	95mm ID
STAB122XL/99	127mm ID	102mm ID
STAB122XL/114	127mm ID	120mm ID
STAB122XL/124	127mm ID	127mm ID



ARAB54 (Good up to 200BHP)



A - (Length) Measurement taken from airbox inlet (C), to filter spinning outlet (D).
Rebated ARAB Spinning reduces length by approx. 20mm

B - (Width) Measurement taken at widest point of filter spinning.
Do not measure from screw to screw.

C - Inlet (Dirty air in) measurement taken as internal diameter.
See table for duct sizing guide.

D - Outlet (Clean air out) measurement taken as internal diameter, and relates to ARAB spinning used.
See table for silicone hose sizing guide.

NOTE - All dimensions are in (mm)

ARAB54 Assembly's

ARAB54/57R
ARAB54/67



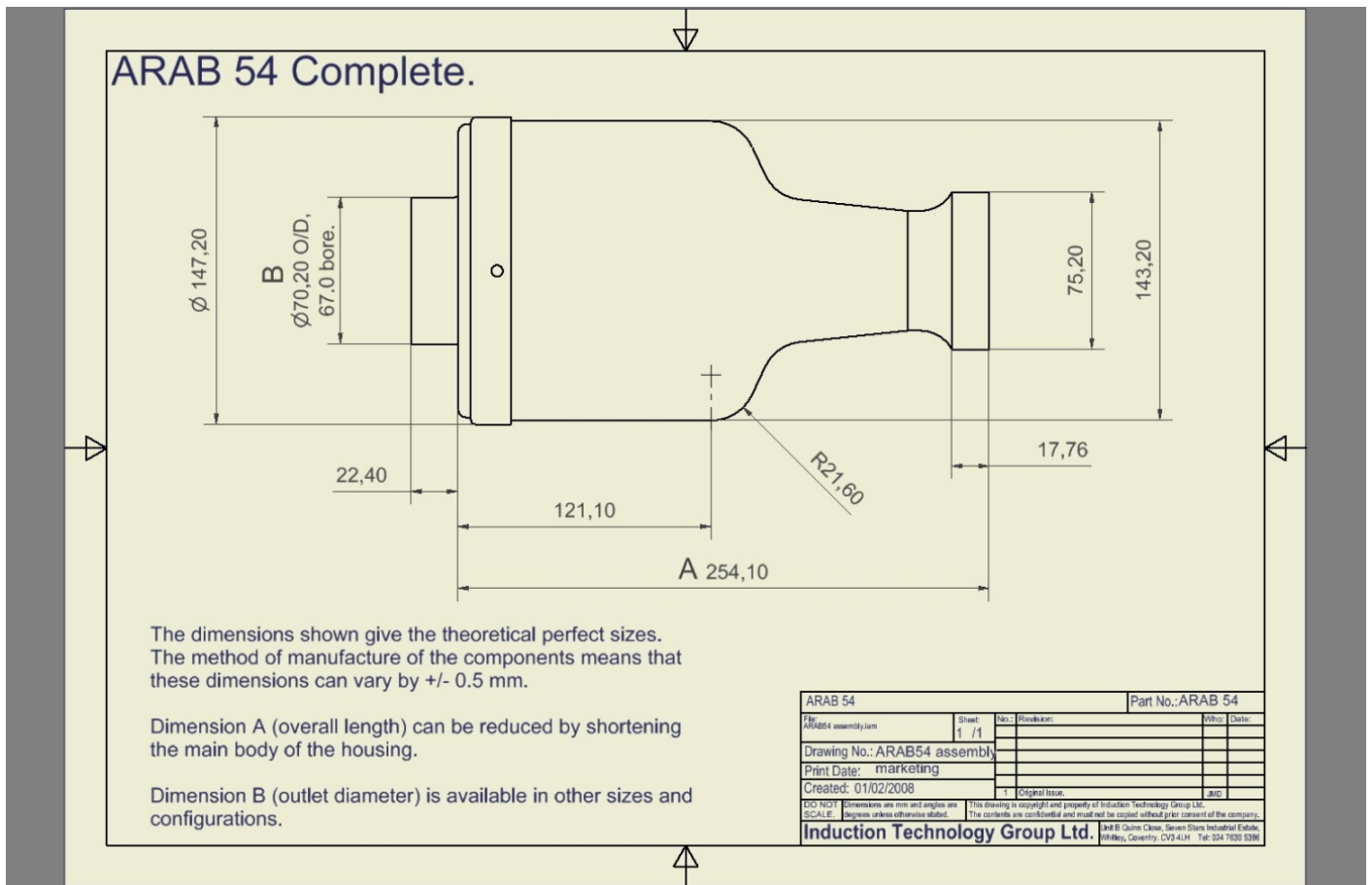
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ARAB54 Complete Assembly Technical Drawing





ARAB65 (Good up to 300BHP)



A - (Length) Measurement taken from airbox inlet (C), to filter spinning outlet (D).
Rebated ARAB Spinning reduces length by approx. 20mm

B - (Width) Measurement taken at widest point of filter spinning.

Do not measure from screw to screw.

C - Inlet (Dirty air in) measurement taken as internal diameter.

See table for duct sizing guide.

D - Outlet (Clean air out) measurement taken as internal diameter, and relates to ARAB spinning used.

See table for silicone hose sizing guide.

NOTE - All dimensions are in (mm)

A
346.5mm

ARAB65 Assembly's

ARAB65/58
ARAB65/60
ARAB65/63
ARAB65/67
ARAB65/67R
ARAB65/70
ARAB65/73
ARAB65/78



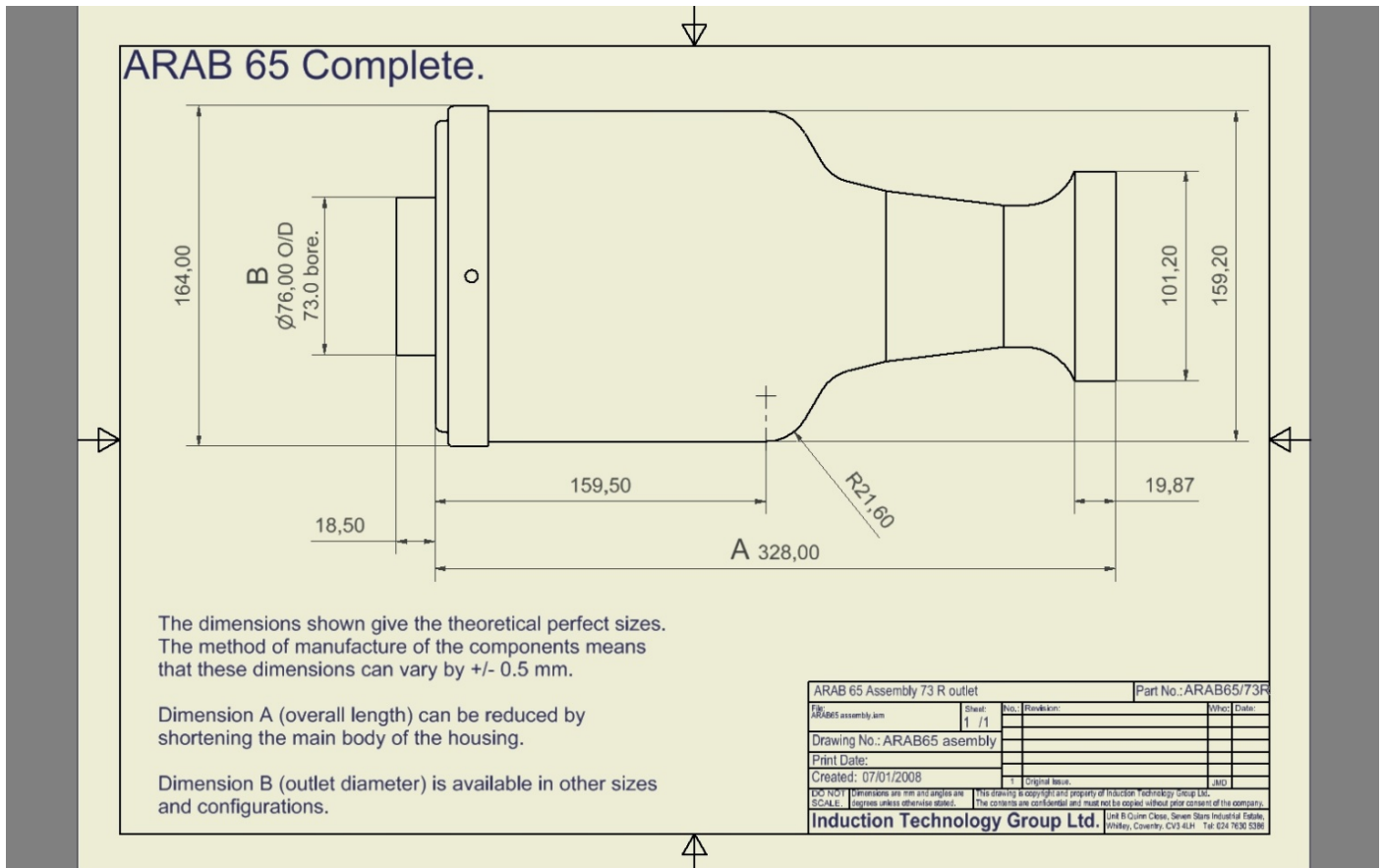
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ARAB65 Complete Assembly Technical Drawing





ARAB80 (Good up to 450BHP)



A - Measurement taken from airbox inlet (C), to filter spinning outlet (D).

Rebated ARAB Spinning reduces length by approx. 20mm

B - Measurement taken at widest point of filter spinning.

Do not measure from screw to screw.

C - Measurement taken as internal diameter. (Dirty air in)

See table for duct sizing guide.

D - Measurement taken as internal diameter. (Clean air out)

See table for silicone hose sizing guide.

NOTE - All dimensions are in (mm)

A
457.50mm

ARAB80 Assembly's

ARAB80/67
ARAB80/67R
ARAB80/80
ARAB80/80R
ARAB80/86
ARAB80/86R
ARAB80/93
ARAB80/99
ARAB80/114
ARAB80/124



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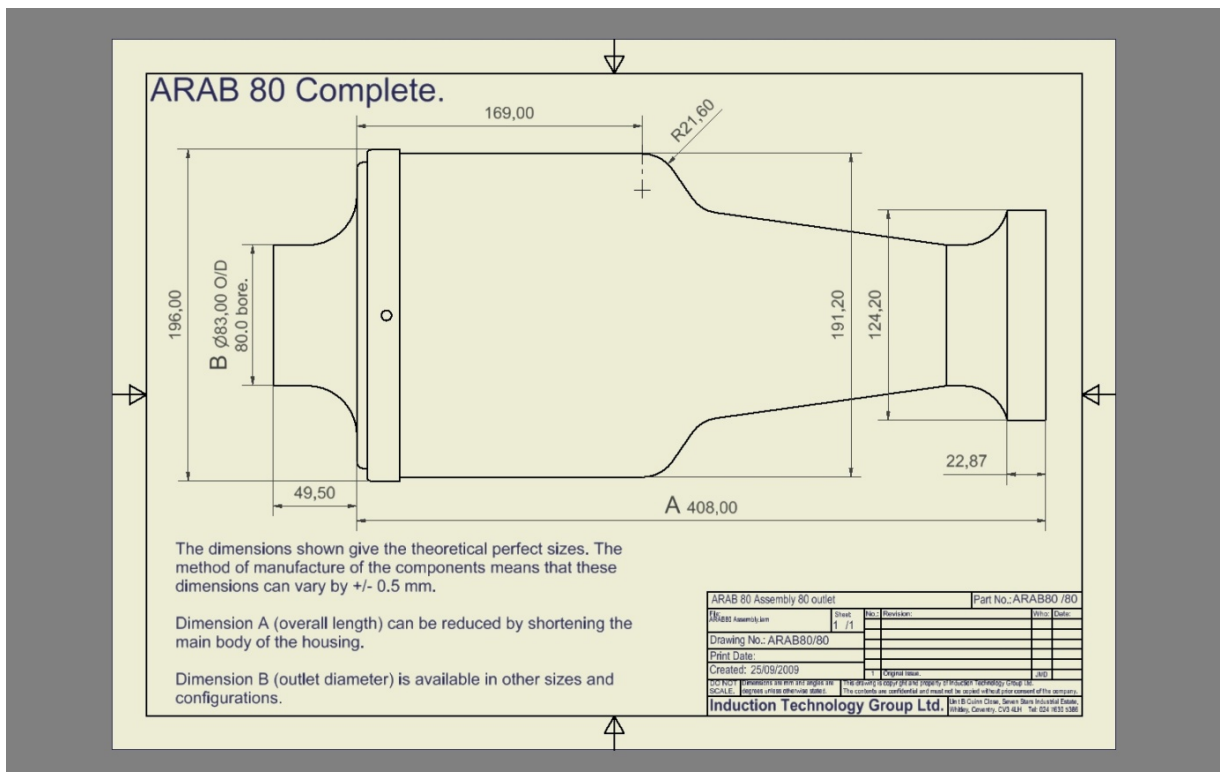
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ARAB80 Complete Assembly Technical Drawing





STAB99 (Good up to 300BHP)



A - Measurement taken from airbox inlet (C), to filter spinning outlet (D).
Rebated ARAB Spinning reduces length by approx. 20mm

B - Measurement taken at widest point of ARAB filter spinning.
Do not measure from screw to screw.

C - Measurement taken as internal diameter. (Dirty air in)
See table for duct sizing guide.

D - Measurement taken as internal diameter. (Clean air out)
See table for silicone hose sizing guide.

NOTE - All dimensions are in (mm)

- STAB99 Assembly's**
- STAB99/58
 - STAB99/60
 - STAB99/63
 - STAB99/67
 - STAB99/67R
 - STAB99/70
 - STAB99/73
 - STAB99/73R
 - STAB99/78



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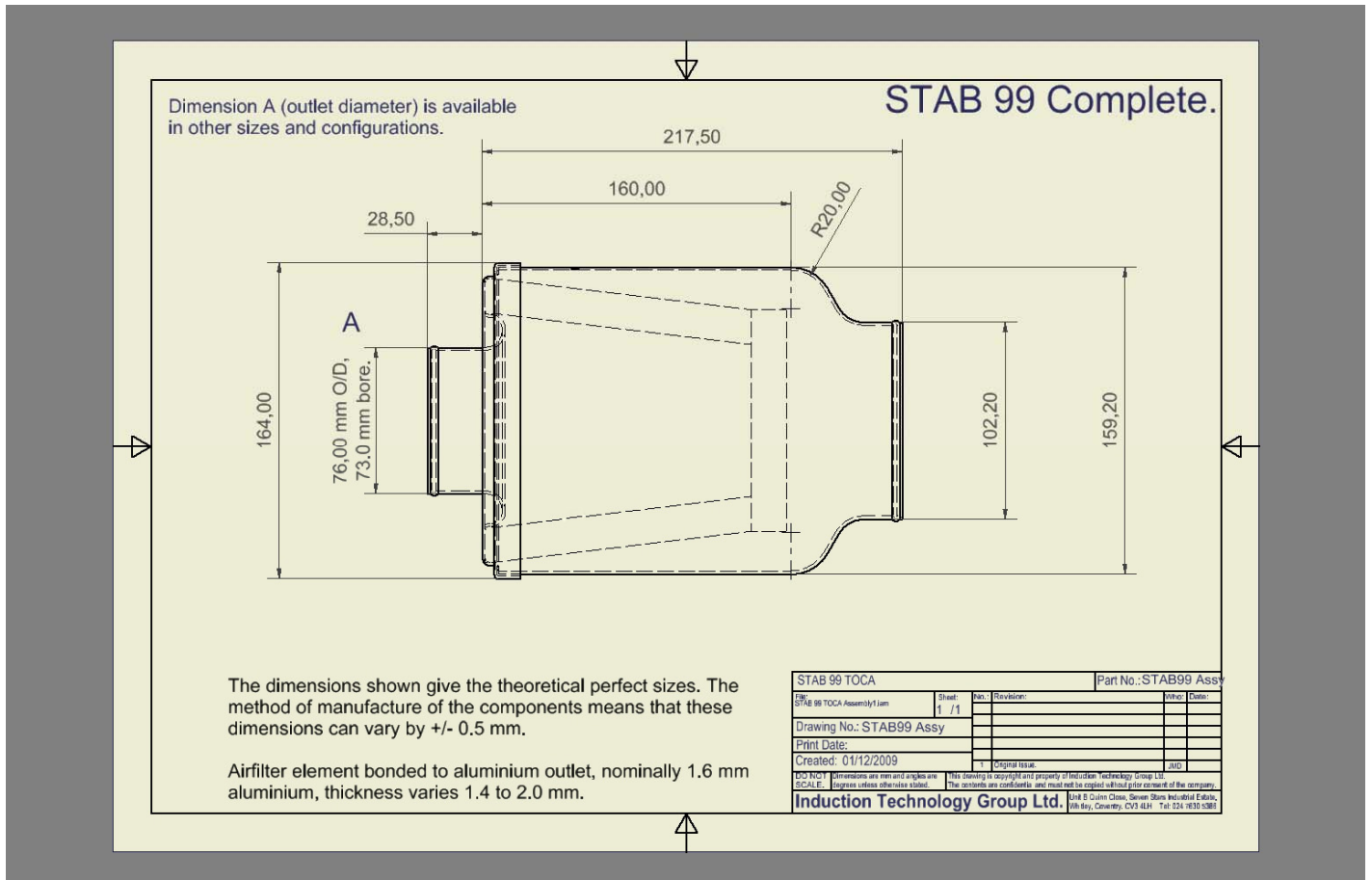
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STAB99 Complete Assembly Technical Drawing

Please note, this shows a rebated assembly





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STAB99XL (Good up to 400BHP)



A - Measurement taken from airbox inlet (C), to filter spinning outlet (D).
Rebated ARAB Spinning reduces length by approx. 20mm

B - Measurement taken at widest point of filter spinning.
Do not measure from screw to screw.

C - Measurement taken as internal diameter. (Dirty air in)
See table for duct sizing guide.

D - Measurement taken as internal diameter. (Clean air out)
See table for silicone hose sizing guide.

NOTE - All dimensions are in (mm)

A
301.00mm

STAB99XL Assembly's

STAB99XL/58
STAB99XL/60
STAB99XL/63
STAB99XL/67
STAB99XL/67R
STAB99XL/70
STAB99XL/73
STAB99XL/73R
STAB99XL/78



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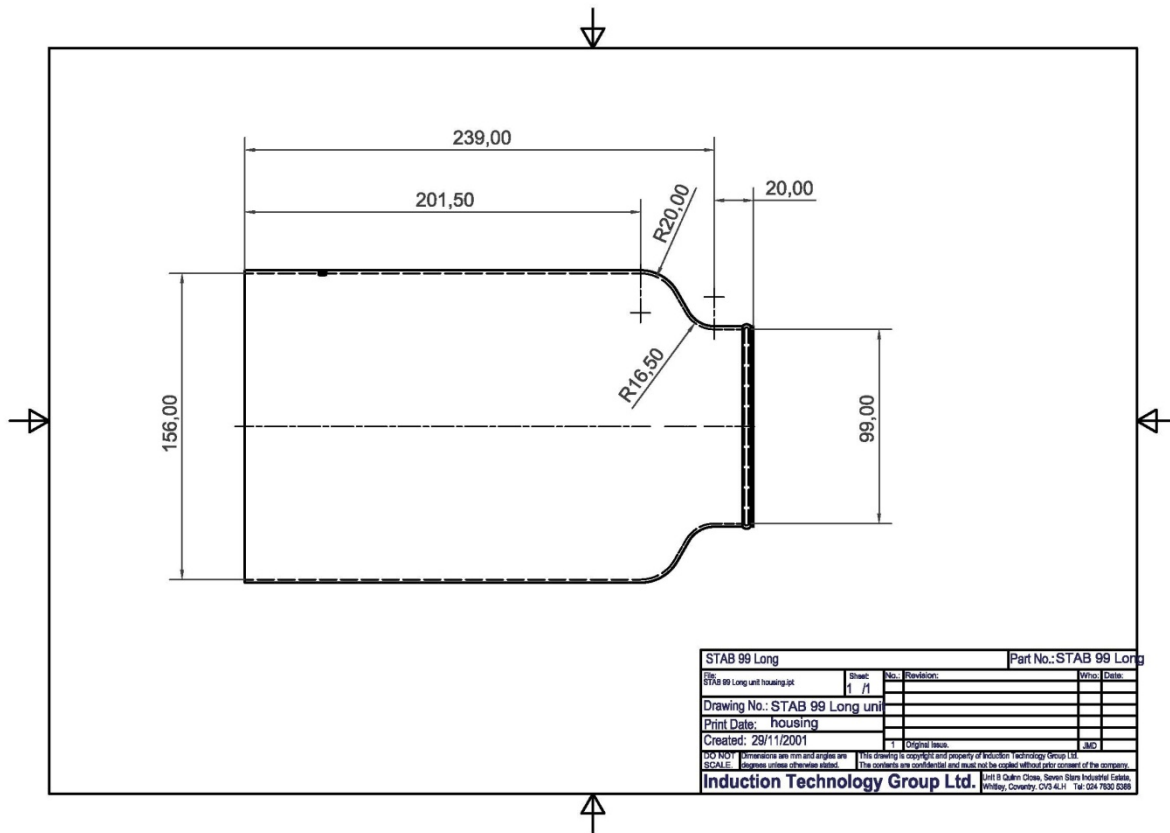
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STAB99XL Complete Assembly Technical Drawing

Please note, this drawing shows airbox housing only





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STAB99LD (Good up to 450BHP)



A - Measurement taken from airbox inlet (C), to filter spinning outlet (D).
Rebated ARAB Spinning reduces length by approx. 20mm

B - Measurement taken at widest point of filter spinning.
Do not measure from screw to screw.

C - Measurement taken as internal diameter. (Dirty air in)
See table for duct sizing guide.

D - Measurement taken as internal diameter. (Clean air out)
See table for silicone hose sizing guide.

NOTE - All dimensions are in (mm)

STAB99LD Assembly's

STAB99LD/67
STAB99LD/67R
STAB99LD/80
STAB99LD/80R
STAB99LD/86
STAB99LD/86R
STAB99LD/93
STAB99LD/99
STAB99LD/114
STAB99LD/124



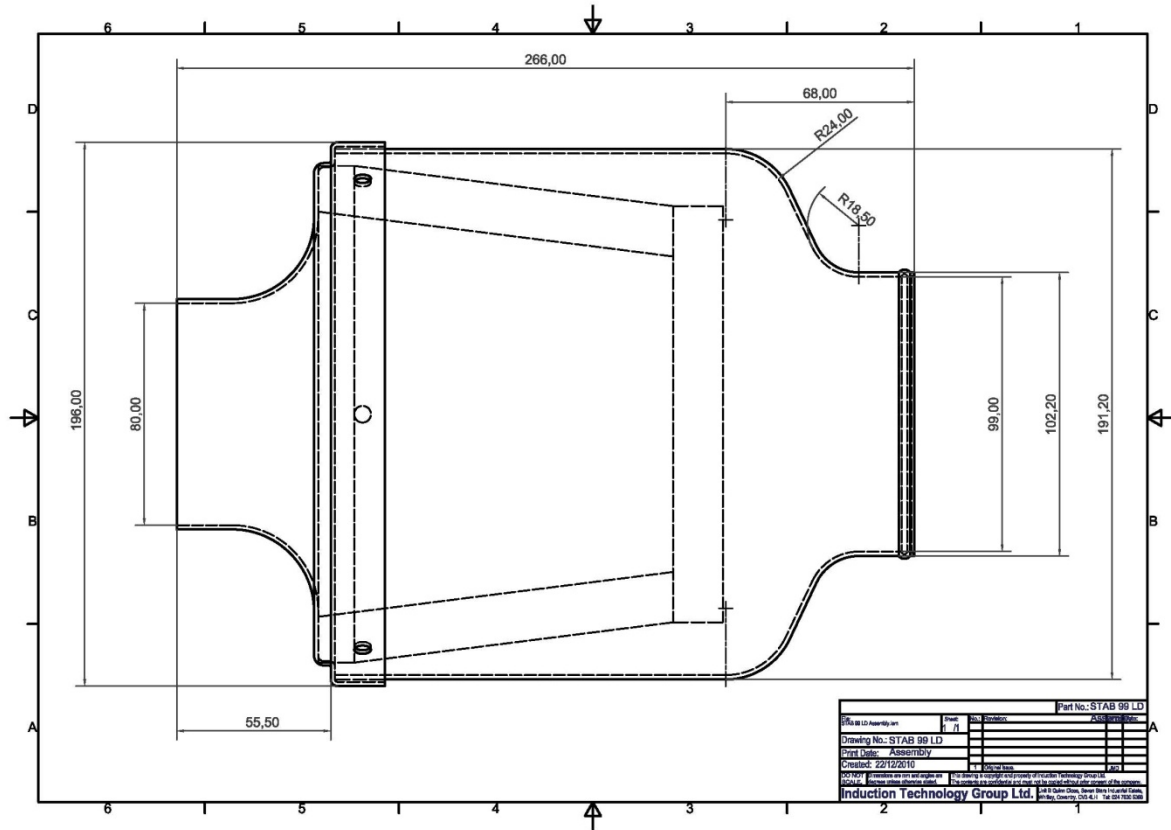
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STAB99LD Complete Assembly Technical Drawing





STAB122 (Good up to 450BHP)



A - Measurement taken from airbox inlet (C), to filter spinning outlet (D).

Rebated ARAB Spinning reduces length by approx. 20mm

B - Measurement taken at widest point of filter spinning.

Do not measure from screw to screw.

C - Measurement taken as internal diameter. (Dirty air in)

See table for duct sizing guide.

D - Measurement taken as internal diameter. (Clean air out)

See table for silicone hose sizing guide.

NOTE - All dimensions are in (mm)

A

266.00mm

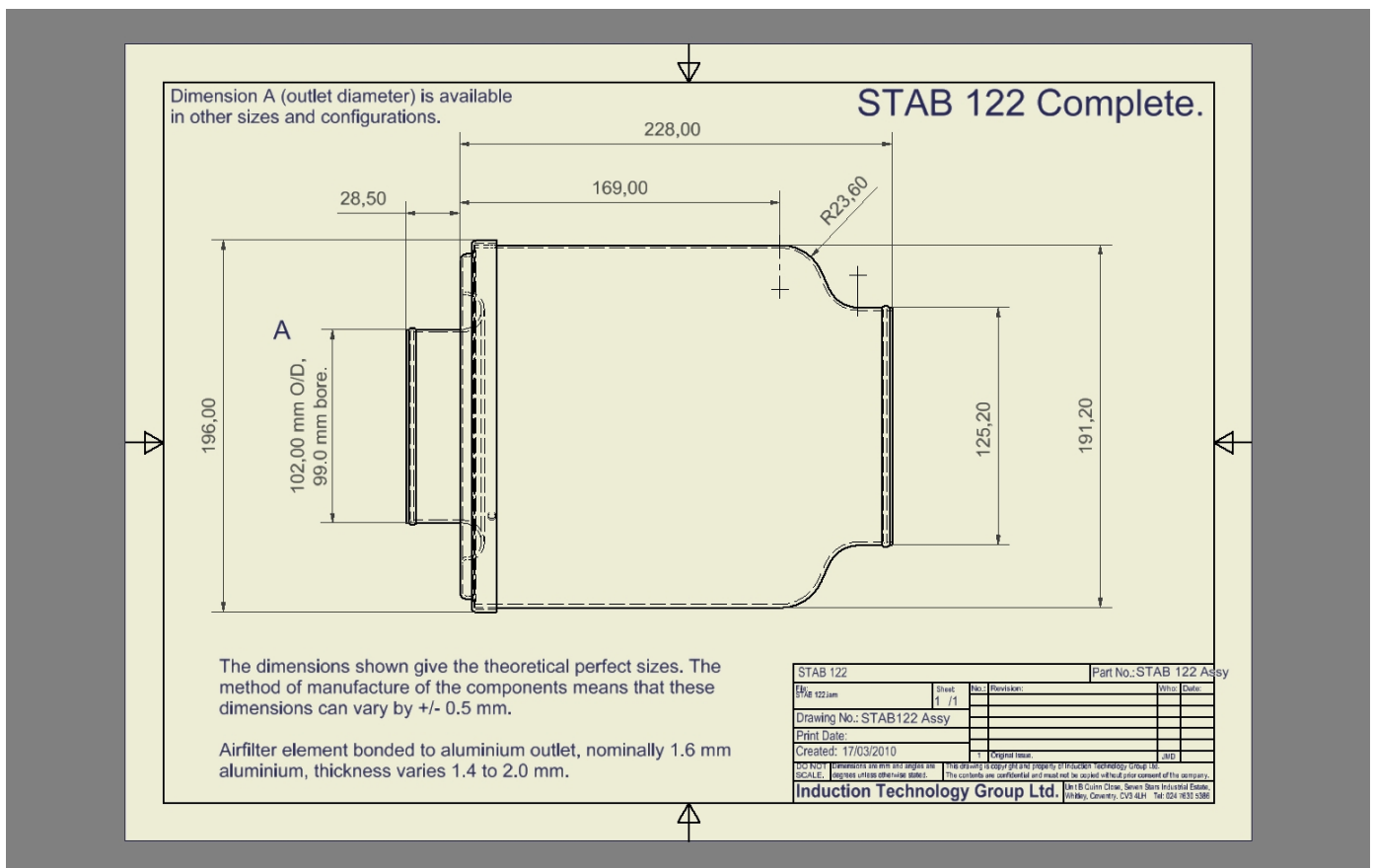
STAB122 Assembly's

STAB122/67
STAB122/67R
STAB122/80
STAB122/80R
STAB122/86
STAB122/86R
STAB122/93
STAB122/99
STAB122/114
STAB122/124



STAB122 Complete Assembly Technical Drawing

Please note, this shows a rebated assembly





STAB122XL (Good up to 600BHP)



A - Measurement taken from airbox inlet (C), to filter spinning outlet (D).

Rebated ARAB Spinning reduces length by approx. 20mm

B - Measurement taken at widest point of filter spinning.

Do not measure from screw to screw.

C - Measurement taken as internal diameter. (Dirty air in)

See table for duct sizing guide.

D - Measurement taken as internal diameter. (Clean air out)

See table for silicone hose sizing guide.

NOTE - All dimensions are in (mm)

A
325.50mm

STAB122 Assembly's

STAB122/67
STAB122/67R
STAB122/80
STAB122/80R
STAB122/86
STAB122/86R
STAB122/93
STAB122/99
STAB122/114
STAB122/124



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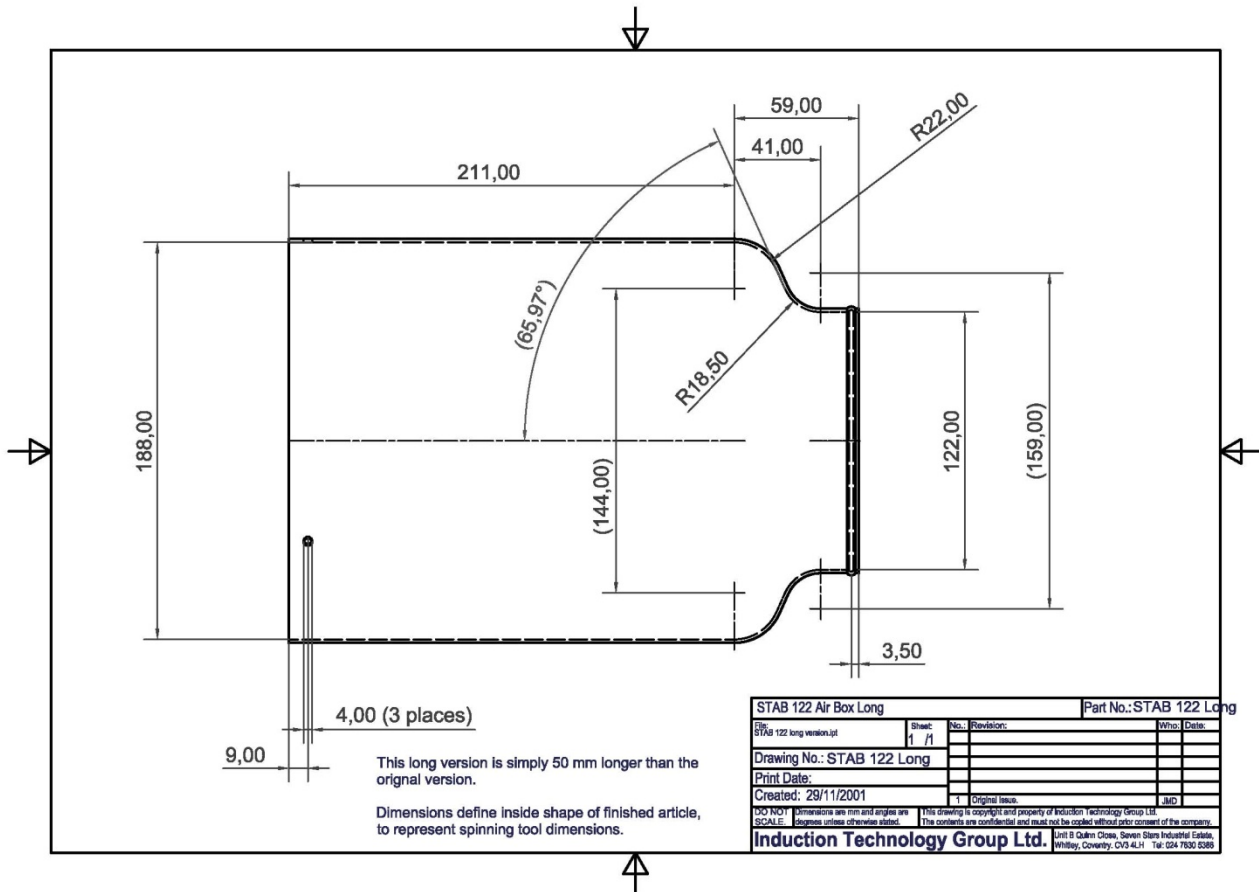
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STAB122XL Complete Assembly Technical Drawing

Please note, this shows STAB122 airbox housing only





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Standard & Rebated Filter Spinning

The purpose of a rebated ARAB spinning is to reduce the overall length of the airbox unit without affecting the performance of the product.

If the customer has restricted space in his engine bay, or is hampered by other parts of the engine, a rebated ARAB filter spinning may be able to offer some respite.

Not all outlet sizes are available as a rebate, so please check you product guides before offering this option to the customer.

A rebated ARAB filter spinning is denoted by the letter 'R' at the end of the product code.

For Example: STAB99/73 - Standard ARAB filter spinning
STAB99/73R - Rebated ARAB filter spinning

The overall length of the airbox is reduced by approximately 25mm shorter when fitted with an ARAB filter spinning.



Rebated ARAB filter spinning



Standard ARAB filter spinning



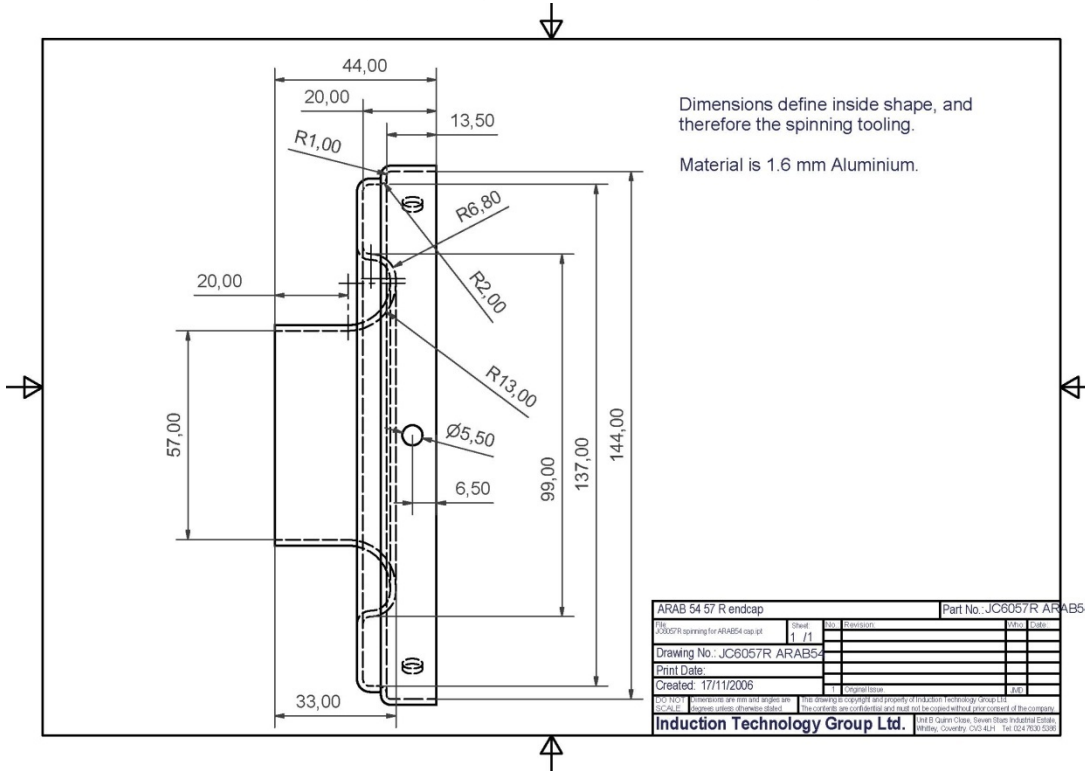
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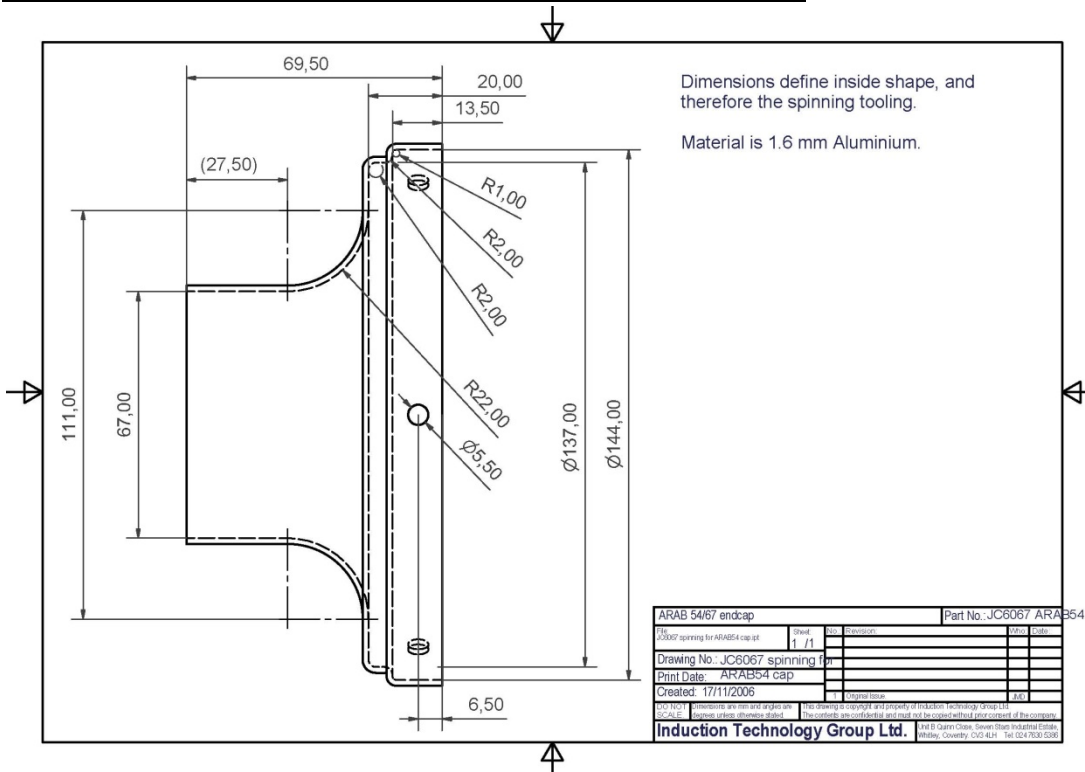
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ARAB54/57R Filter Spinning Technical Drawing



ARAB54/67 Filter Spinning Technical Drawing





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VISUAL REFERENCE ONLY

Rebated ARAB spinning
(ARAB65/73R) fitted to a
STAB99 airbox.

Standard ARAB spinning
(ARAB65/73) fitted to a
STAB99XL airbox.





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Different specification foams for very specific conditions

As with most ITG filters, different specification foams can be used to accommodate different conditions.

The foam used as standard is suitable for a wide variety of conditions and general use when correctly oiled. However, in extremely dusty conditions foam with higher filtering efficiency may be required.

On a circuit racing car where the conditions are very clean. Foam with lower filtering efficiency but higher airflow, may well be suitable, especially if the packing constraints of the engine-bay puts the airbox very close to, or beyond the power rating.

Changing the foam specification will affect the power rating of the filter. Foam that is more open will increase the power rating whereas finer foam will reduce the power rating.

If you have a customer with very specific needs please contact us to discuss the relevant options.