



## Summary

<b>Industry:</b>	Defence
<b>Application:</b>	Pneumatic Cylinder application
<b>Actual Saving:</b>	£15,000
<b>Payback Period:</b>	Immediate



## Pneumatics Know-How Increases Reliability

### ISSUE

A large defence company were experiencing frequent failures - 1 unit every 3 months - on a feed separator cylinder, which was originally designed as the OEM product for this application.

With 12 machines on the plant this failure rate is unacceptable. The rear of the cylinder has a circlip and the rear of this cylinder simply explodes out of the circlip breaking off the thin housing, meaning that a repair is not possible.

ERIKS contacted the manufacturer who simply suggested using the next size up which was physically bigger and would not fit onto the application.

### SOLUTION

After investigating the problem and looking at the dimensions and requirements, the Fluid Power technical specialist knew that the SMC version of this cylinder had a model that was stroke adjustment which was of a far superior design, and the dimensions were very similar to the original unit.

ERIKS supplied a sample version to site to prove this cylinder on the application; it has just completed 12 months trouble free service. The customer has now reviewed this and are now fitting this model onto the other 12 machines.

### OTHER BENEFITS

- In-house technical knowledge
- Product neutral approach
- Improved reliability and efficiency

### FURTHER COMMENTS...

This unit has now been added to the plants critical spares stocks.

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

Tel: 0845 006 6000

Web: [www.eriks.co.uk](http://www.eriks.co.uk)

know-how makes the difference