



**Precision
Step Systems**



RotaStep: THE ClutchBrakeCombination

LAURENCE, SCOTT & ELECTROMOTORS LTD.

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The “intelligent” ClutchBrakeCombination

Rotastep – the beginning of a new era with “intelligent” clutch-brake combinations.

Pneumatic or vacuum controlled, flexible, high output, simple design and long operating life.

The associated range of electronic controls meets market requirements on functions such as counting, sensing, activating, clutching out, compensating, etc. A modular build-up enables you to choose precisely those functions you have need for in your production machinery.

Characteristics in line with market demands

Choosing RotaStep will give you

- High precision and repeat accuracy in a class by itself
- Short reaction times that make high cycling frequencies possible
- Long operating life, without maintenance and adjustment
- High reliability

and despite these outstanding features, an advantageous price.

Compressed air, a flexible medium

Compressed air is a very familiar medium, easy to handle and accessible everywhere.

The use of compressed air avoids the undesired effects of magnetic fields on clutch and brake functions.

Result – high precision
– constant braking lengths

The pneumatically operated ClutchBrakeCombination ensures great flexibility. By adjusting the supply pressure the torque can be varied as necessary within the torque range of each RotaStep unit.

Service

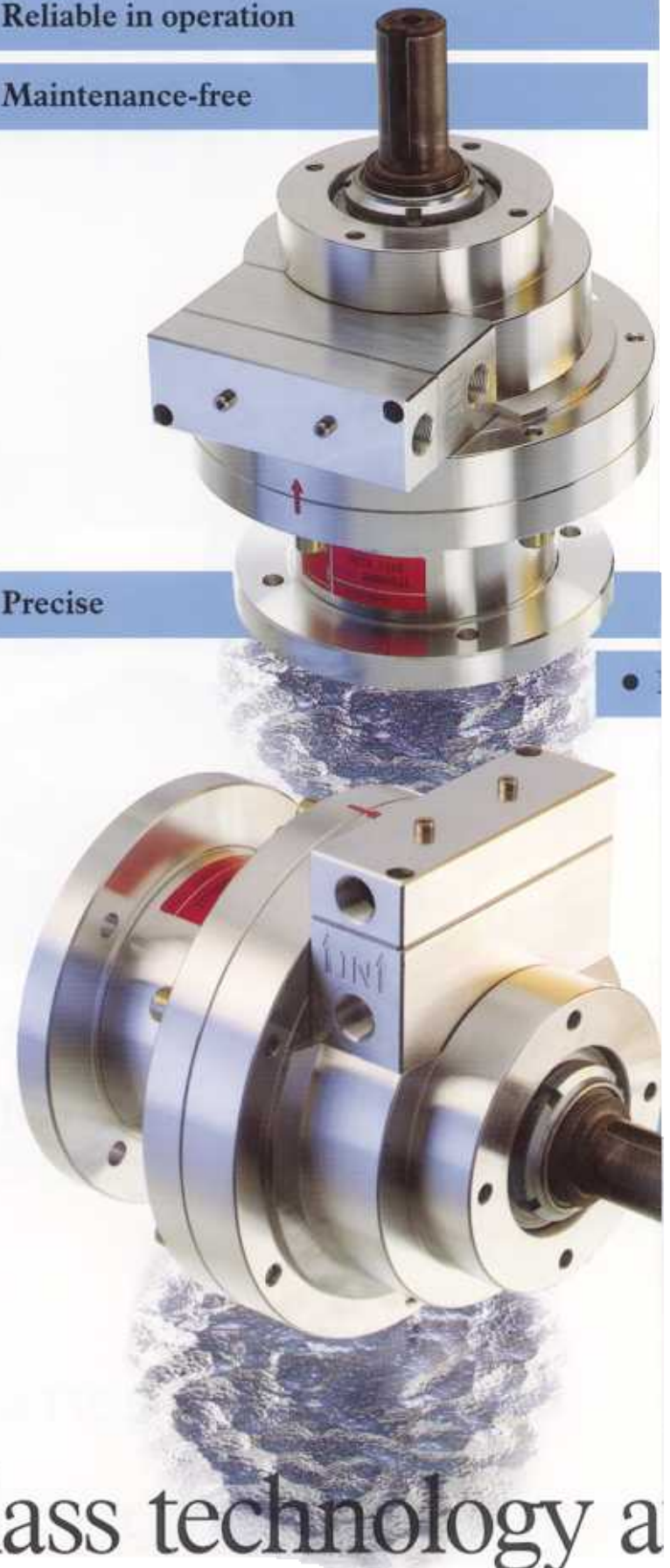
Even the best clutchbrake combinations need servicing if they are to give optimum function.

We consider the customer. Our service kits make it easy for you to quickly replace the friction disc in RotaStep – using standard tools of course.

● Reliable in operation

● Maintenance-free

● Precise

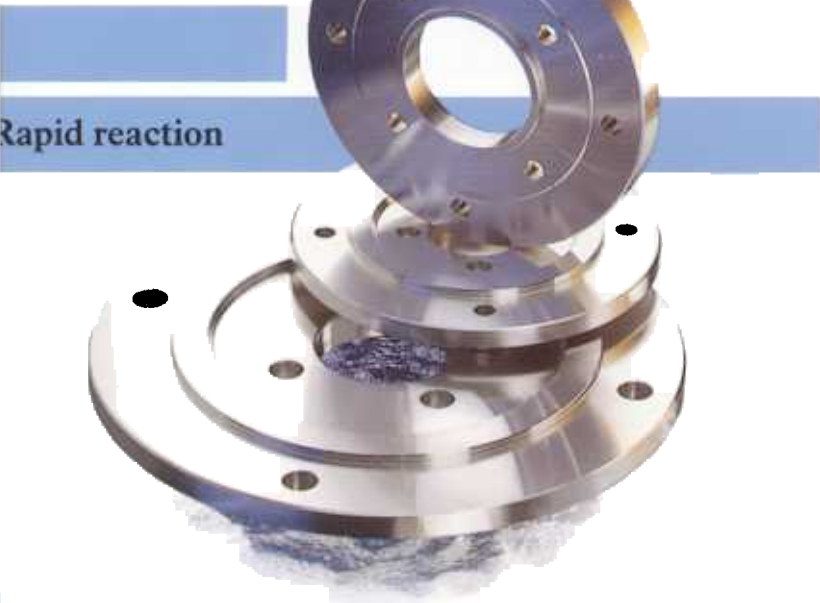


High class technology a

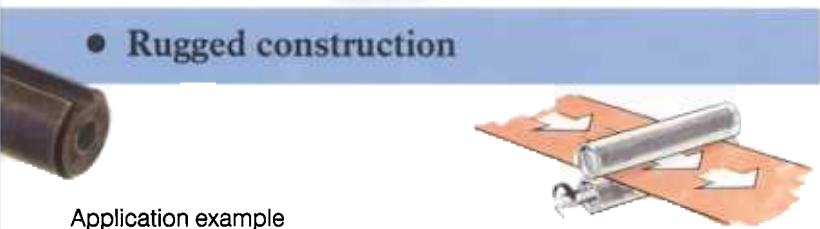
Special step after position



• Flexible



Rapid reaction

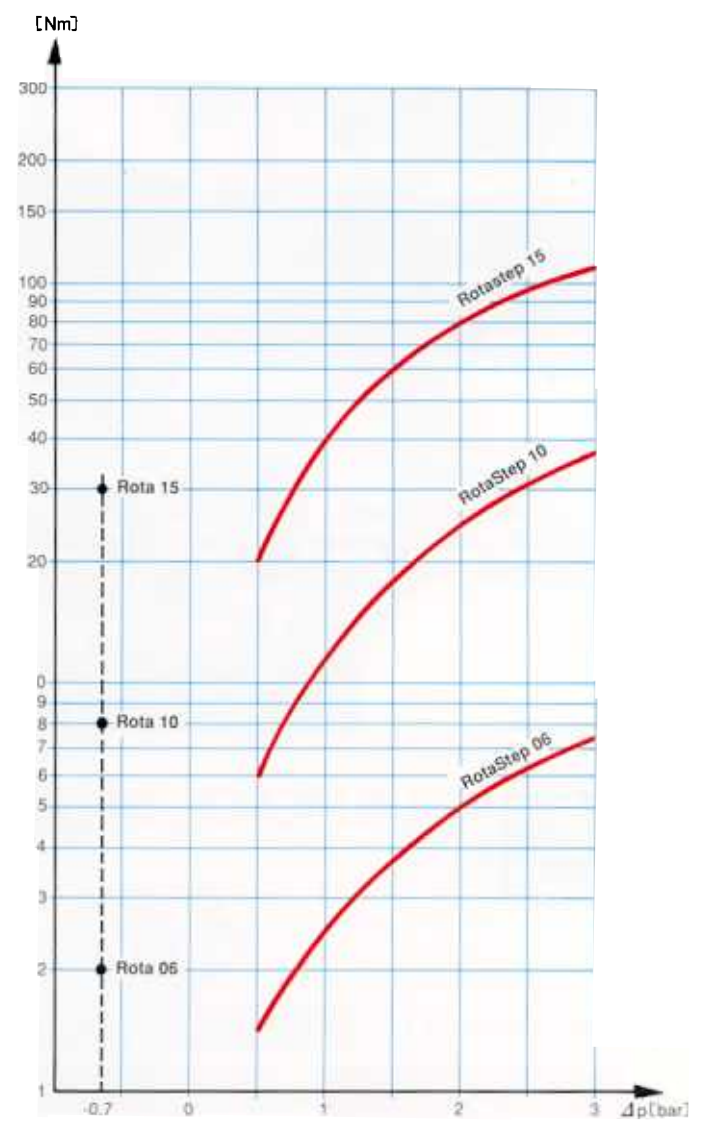


• Rugged construction

Dimensioning/optimising

All dimensions are DIN standard. Therefore RotaStep units are in line with all other normal clutchbrake combinations.

Our sales engineers can be of assistance to you with application know-how when it comes to sizing and optimising precisely your system.



Application example
 Cycling frequency: 800 operations/minute
 Feed rate: 1 m/s
 Repeat accuracy: ± 0.3 mm
 Operations before servicing: > 100 million

at an advantageous price

Try out the features of RotaStep yourself



Vacuum or

pneumatic control

SRA

Our well-proven Precision Step Systems meet the most severe start/stop requirements.

As the only vacuum controlled start/stop combination in the world, the SRA system is unsurpassed as regards repeat accuracy, cycling frequency and operating life.

The SRA system is the alternative to the RotaStep system when requirements on repeat accuracy and speed are a paramount consideration.



LAURENCE, SCOTT & ELECTROMOTORS LTD.
OVER 100 YEARS
OF INNOVATIVE ENGINEERING
EXCELLENCE
POWER ROUND THE WORLD



**Precision
Step Systems**

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Norwich England

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