

## SWITCHOVER DOCUMENT

**CXS2 Series**  
Dual rod cylinder

## Improved features and related benefits

### Feature

- Allowable kinetic energy and maximum piston speed is improved for size ø6 (specifications for other sizes are maintained):  
0.023 J → to 0.016 J  
300 mm/s → to 800 mm/s

### Customer Benefit

- Reduced cycle times.

### Feature

- Increased maximum standard stroke length.  

Ø6:	50 mm → to 100 mm
Ø10:	75 mm → to 150 mm
Ø16 to Ø32:	100 mm → to 200 mm

### Customer Benefit

- Adaptable to a wider range of transfer applications.

### Feature

- Piston diameter increased from 15 mm to 16mm whilst maintaining mounting and external dimensions.

### Customer Benefit

- Output force for lifting or clamping increased by approximately 14%.

## Improved features and related benefits

### Feature

- Weight reduction. Typically, 7% lower compared to the previous model.

### Customer Benefit

- CXS2 contributes to a reduced overall mass of machinery.



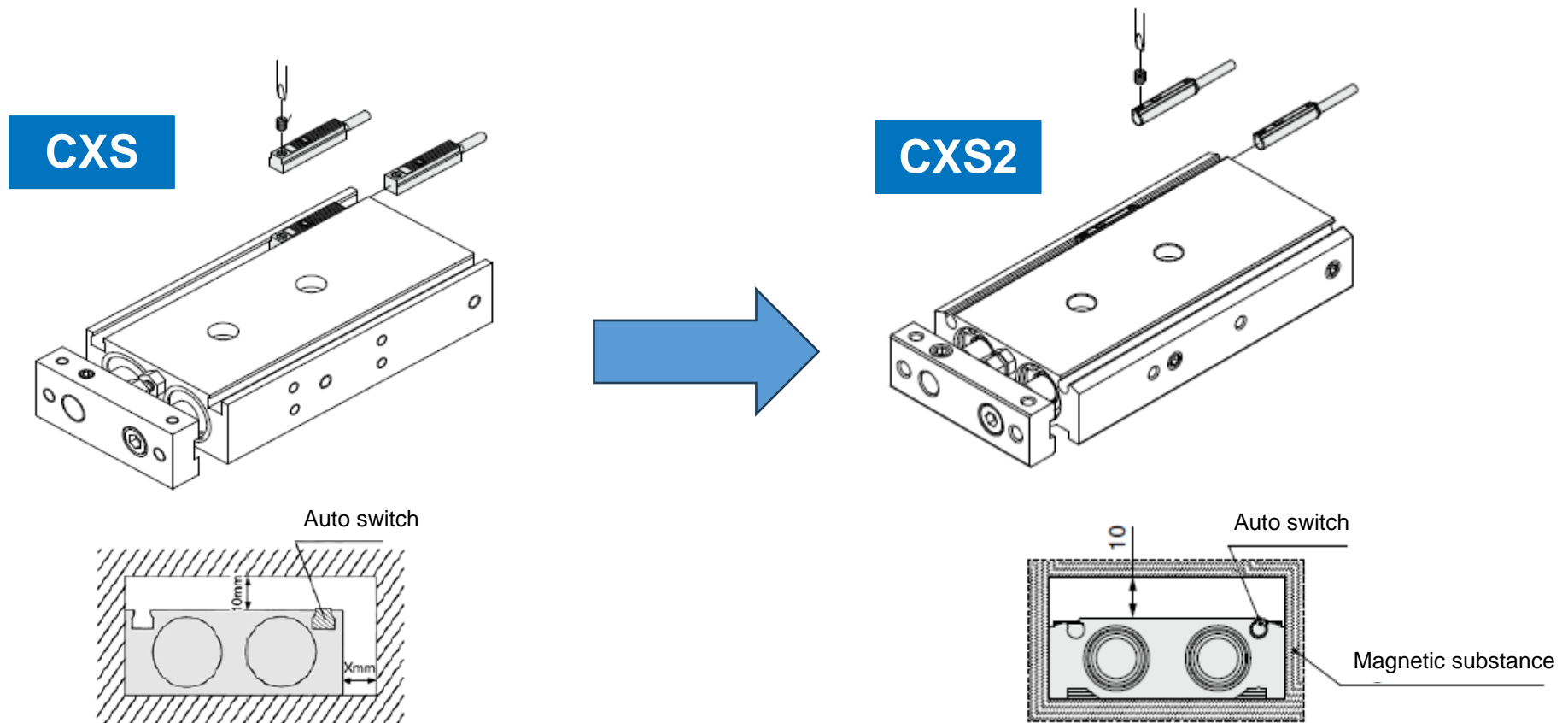
## Improved features and related benefits

### Feature

- Auto-switch updated from square to round shape. No requirement for side clearance from magnetic substance.

### Customer Benefit

- Reduced restriction on installation position.



## Dimensions

All CXS2 series mounting dimensions are the same as those of the existing equivalent CXS series model.

## Replacement parts

Seal kits are not compatible and have been updated for the CXS2 series.

Bore size (ø mm)	Old series (CXSM)	New series (CXS2M)
6	CXSM6-PS	CXS2M6-PS
10	CXSM10APS	CXS2M10APS
15 / 16	CXSM15-PS	CXS2M16-PS
20	CXSM20-PS	CXS2M20-PS
25	CXSM25-PS	CXS2M25-PS
32	CXSM32-PS	CXS2M32-PS

Bore size (ø mm)	Old series (CXSL)	New series (CXS2L)
6	CXSL6-PS	CXS2L6-PS
10	CXSL10BPS	CXS2L10BPS
15 / 16	CXSL15APS	CXS2L16-PS
20	CXSL20APS	CXS2L20-PS
25	CXSL25APS	CXS2L25-PS
32	CXSL32APS	CXS2L32-PS

 Updated reference