Scandrive R84
Internal oscillator

Self-oscillating ghostreducer for double circumference web offset presses



Benefits

- Enhances print quality
- Reduces ghosting
- Easy to add on
- Totally self-contained
- Smooth motion

Printers today demand true versatility from their press investments. Newspaper printing at night is generally followed by commercial printing during the day. Quality today is a continuous process of improvement. Ghosting and other printing problems must be counteracted at all costs. The Scandrive R84 is designed to correct the problems of ghosting. The Scandrive R84 is designed to be the core of a self-oscillating form or rider roller on high speed web offset presses. The pure sinusoidal axial oscillation needed to spread out the ink or water is generated entirely inside the Scandrive R84 unit.

Easy to add on

The design simplifies the problem of adding on an oscillating roller to further improve print quality on an existing press. All you need is two mounts for fixing the ends of the non-rotating central shaft. In addition, the Scandrive R84 offers original equipment designers the opportunity to eliminate external reduction gears and crank or cam follower mechanisms.

High operating speed

The high reduction ratio and perfect balance makes the Scandrive R84 unit the perfect choice for high speed applications. A modular design makes it easy to specify suitable oscillating frequency ratios and a range of different strokes.

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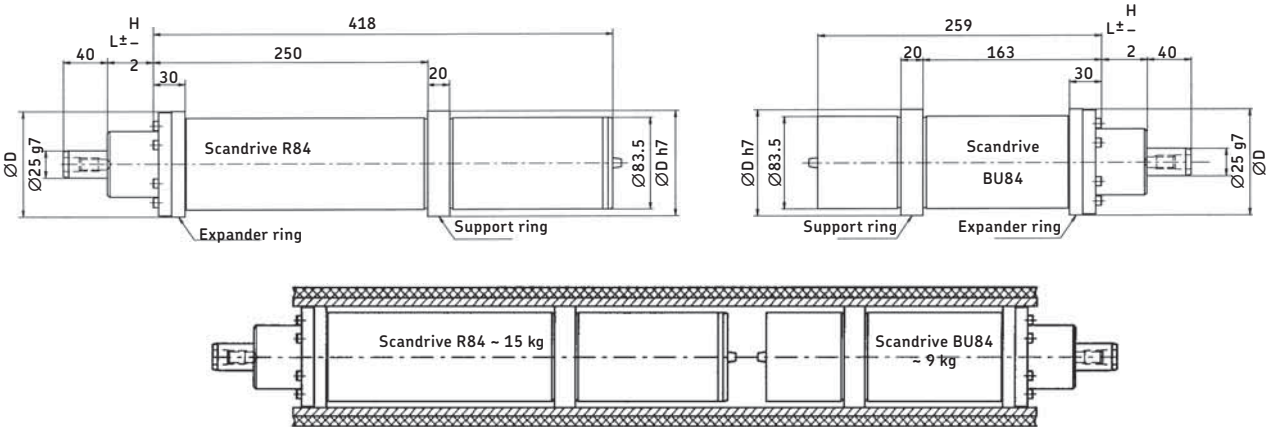
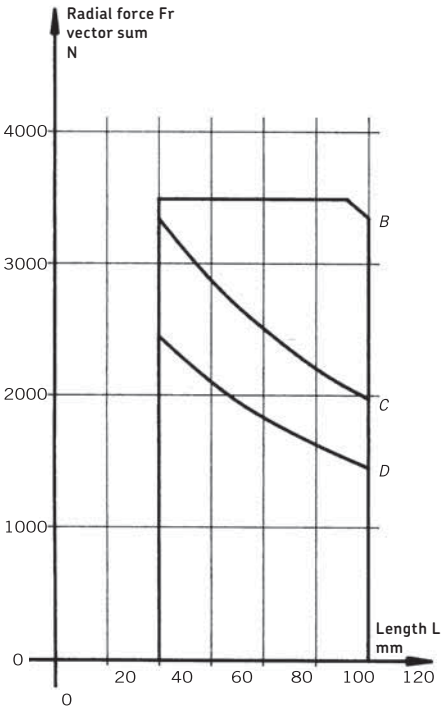
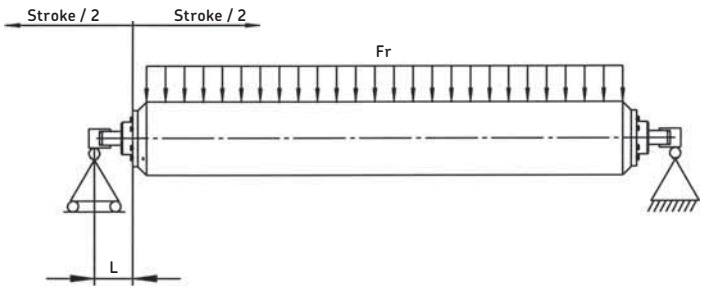


Design limits





Scandrive R84

Duty cycle	rpm 700	rpm 2 000
Light	B	B
Medium	B	C
Continuous	C	D

Technical data	Unit	Ratio 34,00:1	Ratio 16,50:1	Ratio 10,67:1
Axial oscillating stroke	mm	7/11/16/25	7/11/16/25	7/11/16/25
Outer diameter, D	mm	84/91/96/101/110/114	84/91/96/101/110/114	84/91/96/101/110/114
Length, L	mm	17/41.5	17/41.5	17/41.5
Speed range	rpm	0 to 2 500	0 to 2 500	0 to 2 500
Axial oscillating at 1 000 rpm	Hz	0,5	1,0	1,6

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