RR SERIES

Air expanding shafts with rubber expansion elements. General purpose winding and unwinding uses with high torque features.

Euro Service

KEY FEATURES

- Strong and durable construction designed for industrial use
- Light weight due to the aluminium body design
- Easy to handle and fast change over for increasing productivity
- Excellent torque capability
- Easy and quick in-house maintenance
- Well balanced body for high speed applications
- End journals manufactured according to customer sizes and specifications
- Anodizing body as standard and corrosion resistant treatment of the end journals
- Heavy duty rubber elements
- Positive retraction for quick roll removal
- Rubber segmented expanding elements for high gripping power

OPTIONS:

- Hardened end journals
- Side, end or dual valve possibility
- Rotary union for remote air supply
- Flange mount or cantilevered mounting

MAIN TECHNICAL SPECIFICATIONS

MODEL	RR74	RR142	RR150
Expanding shaft diameter (mm):	74	142	150
Max expansion diameter (mm):	80.5	149.5	156.5
Min/max body width (mm):	100 – 3000 mm	100 – 3000 mm	100 – 3000 mm
Body material:	Heavy duty aluminium	Heavy duty aluminium	Heavy duty aluminium
Inside core diameter:	(3") 76.2 mm -2/+4	142 mm -1/+2	(6") 152.4 mm -2/+4
Number of expansion elements:	6	8	9
Type of expansion elements:	Heavy duty rubber	Heavy duty rubber	Heavy duty rubber
Average body weight without journals (kg/m): (1)	7	18	16
Average weight for 2 standard journals (kg):	3	9,7	10,4
Transmission torque (N.m): (2)	700	1400	1700
Max. working air pressure (bar):	6	6	6

Note: 1: Including expanding elements.
2: The indicated values are depending of: Air pressure, core type, shaft length, journals design and type of winding/unwinding.
The indicated values are for paper cores with 12 mm wall thickness, 6 bars air pressure and 1 m long shaft body.

Remarks: Specifications subject change without previous notice.
Other sizes and dimensions can be made according to customer specifications.

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