

AC SERIES

Self centring air expanding shafts for improved core concentricity. Suitable for high speed applications or general winding and unwinding applications with need for well balanced and centred rolls. Ideal for centre driven unwinders.



KEY FEATURES

- Self centring with ultimate core concentricity
- Well balanced body for high speed applications
- Strong and durable construction designed for industrial use
- Light weight due to the aluminium body design
- Easy to handle and fast change over for increased productivity
- Excellent torque capability
- Easy and quick in-house maintenance
- End journals manufactured according to customer sizes and specifications
- Anodizing body as standard and corrosion resistant treatment of the end journals
- Longitudinal gliding stripes for quick roll removal

OPTIONS:

- Hardened end journals
- Side, end or dual valve possibility
- Rotary union for remote air supply
- Flange mount or cantilevered mounting
- Aluminium or rubber expansion elements, according to customer preference

MAIN TECHNICAL SPECIFICATIONS

MODEL	AC74	AC142	AC150
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/+2	142 mm -1/+2	(6") 152.4 mm -2/+2
Number of expansion elements:	6	8	9
Type of expansion elements:	3 rubber + 3 aluminium	4 rubber + 3 aluminium	3 rubber + 3 aluminium
Average body weight without journals (kg/m): (1)	8	18	16
Average weight for 2 standard journals (kg):	3	9.7	10.4
Transmission torque (N.m): (2)	500	1200	1500
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, journal 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.

