ROWE EQUIPMENT, INC.

Your Trusted Source for Plastics Processing Equipment & Supplies

TECHNICAL DATA SHEET

Blown Film Cylinders

Air cylinders and pneumatic components for blown film equipment including nip rolls, guide frames, and oscillating haul-off systems. Precision motion control for film handling.

SPECIFICATIONS

Specification	Details
Bore Sizes	1/2" to 8" diameter
Stroke Lengths	1" to 48" standard
Pressure Rating	Up to 250 PSI standard
Rod Styles	Single, double, magnetic piston
Mounting Options	Clevis, trunnion, flange, foot
Operating Temperature	-10°F to 200°F

AVAILABLE OPTIONS

Option	Description
NFPA Interchangeable	Industry standard dimensions
ISO Standards	Metric configurations
Compact Cylinders	Space-saving design
Rodless Cylinders	Long stroke, compact length
Guided Cylinders	Non-rotating applications
Position Sensing	Magnetic switches available

MATERIALS

Material	Properties / Applications
Aluminum Body	Lightweight, corrosion resistant

Steel Body	Heavy-duty applications
Stainless Steel	Corrosive environments
Chrome Plated Rod	Wear and corrosion resistance
Nitrile Seals	Standard elastomer seals
Viton Seals	High temperature applications

DIMENSIONS & SIZES

Size/Type	Specifications
Compact Series	Bore 1/2" to 2", short strokes
Medium Duty	Bore 1.5" to 4", standard duty
Heavy Duty	Bore 2" to 8", high force
Custom	Any bore and stroke combination

OEM COMPATIBILITY

Compatible with equipment from: Parker, SMC, Festo, Norgren, Numatics, Bimba, Clippard

APPLICATIONS

• Nip roll actuation • Guide frame movement • Oscillating haul-off • Web tensioning • Roll positioning • Trim removal

INDUSTRIES SERVED

• Blown film • Cast film • Sheet extrusion • Converting • Packaging • Flexible packaging

ADDITIONAL NOTES

Repair kits available for most models. Custom stroke lengths manufactured to order.

Contact Rowe Equipment, Inc.

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