

# Hydraulic Cylinders Index



Rexroth offers you a well structured and systematically engineered range of hydraulic cylinders geared to your application requirements. Our cylinders line conforms to NFPA, ISO, and DIN standards and is 100% tested to Rexroth standards.

*To go directly to a specific type click on one of the titles below.*



**NFPA Tie Rod Cylinders**



**Mill Type Cylinders**



**Large Bore Cylinders**



**Podcasts**

# Hydraulic Cylinders

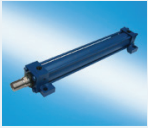




## NFPA Tie Rod Cylinders

Key features:

- Meets or exceeds JIC and NFPA standards
- 18 standard NFPA mountings
- SAE straight thread standard (ISO 11926-1)
- Hydraulic fluid: Mineral oil, phosphate ester, water glycol
- Stroke velocity up to 20 in/s



*Click the data sheet numbers to open the PDF file.*

NFPA Tie Rod Cylinders				
Product Photo	Model	Description	Size	Data Sheet
	CDT1/CGT1	<b>NFPA Tie Rod Cylinders</b> Nominal: 1,500 psi maximum	1 - 8"	RA 17 038
	CDT4/CGT4/ CST4	<b>NFPA Tie Rod Cylinders</b> Nominal: 3,000 psi maximum	1-1/2" - 8"	RA 17 041
	CDT3	<b>ISO Tie Rod Cylinders</b> Metric Version 160 bar	25 to 200 mm	RE 17 039

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# Hydraulic Cylinders

*Click the data sheet numbers to open the PDF file.*

NFPA Tie Rod Cylinders				
Product Photo	Model	Description	Data Sheet	Catalog
	CDT1/CGT1	Technical Specifications	RA 17 038-DT1TS	
	CDT4/CGT4	Technical Specifications	RA 17 041-DT4TS	
	CDT1/CGT1	Service Manual	RA 17 038-DT1SM	
	CDT4/CGT4	Service Manual	RA 17 041-DT4SM	
		Cylinder Brochure - 2007		RA 17 036
		Cylinder Catalog - 2008		RA 17 000

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# Hydraulic Cylinders








## Mill Type Cylinders

*Cylinders Designed for Extreme Conditions*

Mill type cylinders are designed for applications even under extreme conditions.

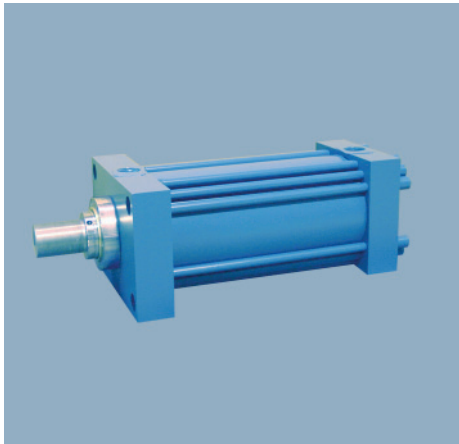
- Service-friendly modular system
- Various mounting types
- Interchangeability thanks to standardization
- Industry-specific and project-related cylinders on inquiry

*Click the data sheet numbers to open the PDF file.*

Mill Type Cylinders				
Product Photo	Model	Description	Size	Data Sheet
	CDL1	<b>Mill Type Cylinder</b> Series 1X	25 to 200 mm	RE 17 325
	CDM4/CGM1/ CSM1	<b>Mill Type Cylinder</b> Series 2X	25 to 200 mm	RE 17 329
	CDH1/CGH1	<b>Mill Type Cylinder</b> Series 1X Series 2X	40 to 200 mm 220 to 320 mm	RE 17 331
	CDH2/CGH2	<b>Mill Type Cylinder</b> Series 1X	40 to 320 mm	RE 17 334
	CDH3	<b>Mill Type Cylinder</b> Series 1X/2X	40 to 320 mm	RE 17 337


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# Hydraulic Cylinders



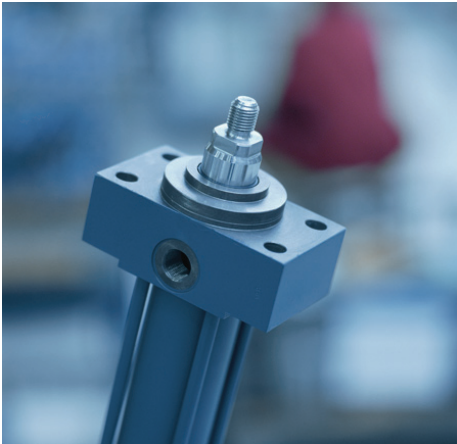
## Large Bore Cylinders

*Click the data sheet numbers to open the PDF file.*

Large Bore Cylinders				
Product Photo	Model	Description	Size	Data Sheet
	CDT4	<b>Large Bore Hydraulic Cylinders</b> NPFA Industrial Type	10" - 14"	RA 17 046

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# Hydraulic Cylinders



## Podcasts

Our series of podcast interviews with our cylinders expert outlines the design advantages of our complete NFPA cylinders line, to help users select the right product and maximize performance.

*Click on "Listen" to open and hear the Podcasts*

Cylinder Podcasts		
	Description	Podcast
	<b>Unique features</b> – key added features offered as standard on Rexroth NFPA cylinders. Length: 1.31 minutes	Listen
	<b>Wear life</b> – factors that affect cylinder life cycle performance. Length: 1.39 minutes	Listen
	<b>Sealing systems</b> – advice for choosing the proper cylinder seal options for your application Length: 2.01 minutes	Listen
	<b>Rod bearing features</b> – performance advantages of ductile iron rod bearings. Length: 1.28 minutes	Listen
	<b>Piston/rod connections</b> – techniques for providing positive and secure piston/rod connections. Length: 0.50 minute	Listen

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