

## NFPA SERIES CYLINDERS

NFPA SERIES	MODELS	BORE (in.)	STROKE	CUSHIONS	SENSORS / SWITCHES	APPLICATION OPTIONS
Round Low - Friction	FI OI OILF	1-1/2, 2, 2-1/2, 3-1/4, 4	Any Stroke up to 130"	Head Only = H Cap Only = C Head & Cap = HC	N/A	Magnetic Sensors/Switches Specify number ____ of Switches/Sensors and Model.  Switch Models: 43-CR - Reed 43-HP - Hall Sourcing 43-HN - Hall Sinking 43-CRT - Reed 43-HPT - Hall Sourcing 43-HNT - Hall Sinking 43-CRR - Reed 43-HPP - Hall Sourcing 43-HNN - Hall Sinking
Round Magnetic Switch	OIM  OIMNR	1-1/8, 1-1/2, 2, 2-1/2, 3-1/4, 4			43-CR 43-HP 43-HN	
Round Non-Rotating Double-Acting	FINR OINR	1-1/2, 2, 2-1/2			N/A	
Round Double-Acting Double-Ended	FIDE	1-1/2, 2, 2-1/2			One End Only = H Both Ends = HH	
	OIDE	1-1/2, 2, 2-1/2, 3-1/4, 4				
Volume Chamber	VC	1-1/2, 2, 2-1/2, 3-1/4, 4	N/A			
Tie-Rod Double-Acting	T TS TL TLS	1-1/2, 2, 2-1/2, 3-1/4, 4, 5, 6, 8	Any Stroke up to 130"	Head Only = H Cap Only = C Head & Cap = HC	N/A	Metal Rod Scraper =MRS  Extra Inlet Ports- Head and / or Cap end. ( Specify location )  Tang 90 = 90 degrees from standard NT = No Tang  SS Keys = Stainless Steel circumflex keys  Heavy Duty Springs
Tie-Rod Double-Acting Double-Ended	TDE TSDE					
Tie-Rod Double-Acting Electronic Sensor	TM TSM	1-1/2, 2, 2-1/2	Head Only = H Cap Only = C Head & Cap = HC	43-CRT 43-HPT 43-HNT		
		3-1/4, 4, 5, 6, 8		43-CRR 43-HPP 43-HNN		
Tie-Rod Double-Acting Double-Ended	TMDE TSMDE	1-1/2, 2, 2-1/2	One End Only = H Both Ends = HH	43-CRT 43-HPT 43-HNT		
		3-1/4, 4, 5, 6, 8		43-CRR 43-HPP 43-HNN		
						Rod Options T= Rod Length L= Thread Length M = Thread Size M = Tapped Hole in rod end SS Rod = Stainless Steel  Oversize Rods - Indicate size required
						Viton = Viton packing - [Not available on F type (except models FT), low friction, cylinders or sensor cylinders]