

INDUSTRIAL DAMPERS

ENGINEERED MOTION CONTROL PRODUCTS



NORMONT gas
springs

www.normont.com



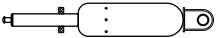
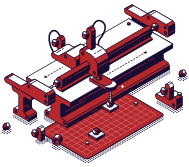


INNOVATIVE EXPERIENCED, WITH A GLOBAL REACH

Since opening its doors, Normont has proudly grown into a leading manufacturer of industrial, automotive, and aerospace gas spring & hydraulic dampening solutions.

Based in Marion, South Carolina with locations around the globe, we design, develop, and deliver motion control solutions that adhere to the most stringent quality management standards. Our team specializes in meeting product requirements for customer specific applications, be it a heavy duty stainless steel gas spring, or a custom damper.

With stocking locations in all time zones, we are able to deliver product throughout the globe. Normont recognises the need for logistical excellent by having local inventory and ensuring on time delivery. Our inventory management programs are flexible and are adapted to our customers system & schedule. We offer such inventory management systems as in-house VMI or on the dock JIT deliveries.

OUR TEAM IS COMMITTED TO YOUR SUCCESS

	<h3>Design & Engineering</h3> <p>Application Validation Simulation 3D Modeling Laboratory Testing Detailed Test Reports</p>		<h3>Manufacturing & Assembly</h3> <p>Flexible Manufacturing Fully Integrated Capabilities Sizes from 3' / 76mm to 6.5ft / 1.98M Multiple Dampening solutions</p>
	<h3>Global Facilities</h3> <p>Marion, SC, USA Montreal, Canada Mexico City, Mexico Bursa, Turkey</p>		<h3>Company</h3> <p>Thousands of innovative product solutions Design services Quality Management Transparent communication</p>

High Quality Products - Highest Of Standards

6 x 15 Dampers

Compression Damper Pt. No.	Extension Damper Pt. No.	Stroke	Rod Diameter	Tube Diameter	Extended Length				
					TH6 Threaded (6 mm)	PC1 / PCE PC3	MT1 0.79	MT3 0.75	FB Series (FB1-FB5)
NSDCL-2S	NSDEL-2S	2.00	0.250	0.591	6.500	7.918	8.080	8.000	7.918
NSDCM-2S	NSDEM-2S	2.00	0.250	0.591	6.500	7.918	8.080	8.000	7.918
NSDCH-2S	NSDEH-2S	2.00	0.250	0.591	6.500	7.918	8.080	8.000	7.918
NSDCL-3S	NSDEL-3S	3.00	0.250	0.591	8.600	10.010	10.180	10.100	10.010
NSDCM-3S	NSDEM-3S	3.00	0.250	0.591	8.600	10.010	10.180	10.100	10.010
NSDCH-3S	NSDEH-3S	3.00	0.250	0.591	8.600	10.010	10.180	10.100	10.010
NSDCL-4S	NSDEL-4S	4.00	0.250	0.591	11.100	12.518	12.680	12.600	12.518
NSDCM-4S	NSDEM-4S	4.00	0.250	0.591	11.100	12.518	12.680	12.600	12.518
NSDCH-4S	NSDEH-4S	4.00	0.250	0.591	11.100	12.518	12.680	12.600	12.518
NSDCL-5S	NSDEL-5S	5.00	0.250	0.591	13.600	15.018	15.180	15.100	15.018
NSDCM-5S	NSDEM-5S	5.00	0.250	0.591	13.600	15.018	15.180	15.100	15.018
NSDCH-5S	NSDEH-5S	5.00	0.250	0.591	13.600	15.018	15.180	15.100	15.018

8 x 18 Dampers

Compression Damper Pt. No.	Extension Damper Pt. No.	Stroke	Rod Diameter	Tube Diameter	Extended Length				
					TH6 Threaded (6 mm)	PC1 / PCE PC3	MT1 0.79	MT3 0.75	FB Series (FB1-FB5)
NSDCL-4M	NSDEL-4M	4.00	0.315	0.866	10.850	12.268	12.430	12.350	12.268
NSDCM-4M	NSDEM-4M	4.00	0.315	0.866	10.850	12.268	12.430	12.350	12.268
NSDCH-4M	NSDEH-4M	4.00	0.315	0.866	10.850	12.268	12.430	12.350	12.268
NSDCL-5M	NSDEL-5M	5.00	0.315	0.866	13.100	14.518	14.680	14.600	14.518
NSDCM-5M	NSDEM-5M	5.00	0.315	0.866	13.100	14.518	14.680	14.600	14.518
NSDCH-5M	NSDEH-5M	5.00	0.315	0.866	13.100	14.518	14.680	14.600	14.518
NSDCL-6M	NSDEL-6M	6.00	0.315	0.866	15.600	17.018	17.180	17.100	17.018
NSDCM-6M	NSDEM-6M	6.00	0.315	0.866	15.600	17.018	17.180	17.100	17.018
NSDCH-6M	NSDEH-6M	6.00	0.315	0.866	15.600	17.018	17.180	17.100	17.018
NSDCL-7M	NSDEL-7M	7.00	0.315	0.866	18.250	19.668	19.830	19.750	19.668
NSDCM-7M	NSDEM-7M	7.00	0.315	0.866	18.250	19.668	19.830	19.750	19.668
NSDCH-7M	NSDEH-7M	7.00	0.315	0.866	18.250	19.668	19.830	19.750	19.668

For connector information, visit www.normont.com/connectors

PART NUMBERING SYSTEM

Part number example: NSDEL2S-PC1

PROD TYPE	DIRECTION	DAMPENING RATING	STROKE	SIZE	END FITTING
NSD	Extension	L (Light)	2	S (6x15)	PC1

DIRECTION	AVAILABLE SIZES			END FITTINGS
E Extension	SIZE	mm	In	Visit www.normont.com
C Compression	S	6X15	0.250 X 0.591	
	M	8X18	0.315 X 0.709	

DAMPING RATING	Speed Inch (40lbs of load)	* MAX FORCE	* MAX FORCE
L Light	3.8"/second	40lb	175 N
M Medium	2.3"/second	60lb	350 N
H Heavy	1.4"/second	140lb	625 N

KEY CHARACTERISTICS

- 1) Application Load Force for a standard 6x15 Damper is 3 - 50 pounds (13 N - 222 N)
- 2) Application Load Force for a standard 8x22 Damper is 20 - 100+ pounds (89 N - 445+ N).
- 3) Dampening Rate can be specified by stating the damping characteristic. Test stroke will be 2.00 ± .060 in. with 25 ± 1 lb applied load. For dampers with only 2.00 in. total stroke, 1.50 in. will be used. For applications that require a specific force, they will be measured upon request.
- 4) Best performance is when the standard damper is mounted vertically.
- 5) Can be custom made to prevent free fall (extension, compression or dual) where applications can accommodate longer extended lengths.

- + Innovation
- + Private branding
- + Quality control
- + Total satisfaction

ENGINEERING

Lifting
Holding
Opening
Closing
Solutions

Since 1980, **Normont** has grown to become a leading gas spring and damper manufacturer.

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