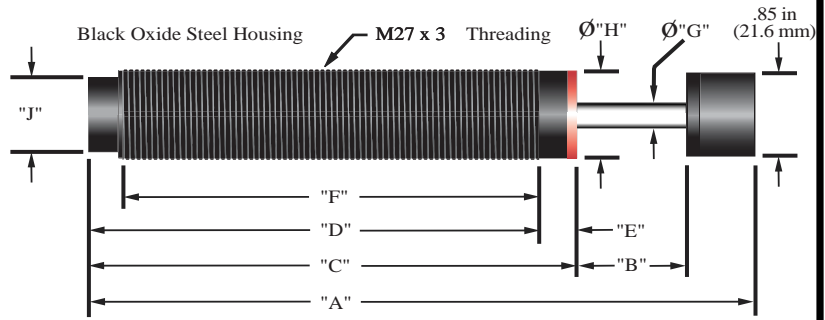


IMPACTA M27 INDUSTRIAL SHOCK ABSORBER (7000 SERIES)



TECHNICAL SPECIFICATIONS

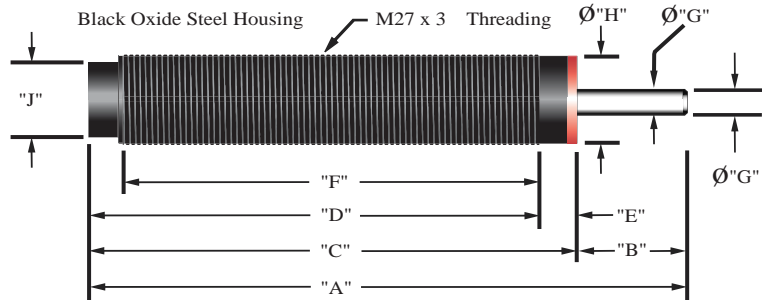
	STROKE LENGTH	SINGLE IMPACT CAPACITY	We MIN*	We MAX*	MAX CYCLES PER MIN	MAX TOTAL ENERGY PER HOUR	MAX IMPACT VELOCITY	OPERATING TEMP MIN/MAX	Ke	THREAD TYPE
ENGLISH OR US	1 in	900 in lbs	14.5	3500	25	900,000 in lbs	14 FPS	32°/150° F	120 lb	M27 x 3
METRIC	25.4 mm	101.7 N m	6.57	1587.6			4.27 MPS	0°/65° C	54.4 kg	

DIMENSIONAL INFORMATION

	"A"	"B"	"C"	"D"	"E"	"F" †	\varnothing "G"	\varnothing "H"	"J"	OVERALL WEIGHT (INCL JAM NUT)
ENGLISH OR US	5.77	1.00 inch Nom.	4.21	3.94	.260	3.66	.236	.90	.746	.62 lb
METRIC	146.6	25.4 mm Nom.	107	100	6.60	93.0	6	22.9	19.0	0.28 kg

Bulletin S-85
ISSUED 9/12/18

Ke = Max weight for free falling applications.
Plunger return time = 0.20 sec. Plunger return force = 8 lb/ 3.36 kg
* This number is not the weight of the load, rather a calculation used for model selection in Driven Load applications.
† Full thread length



TECHNICAL SPECIFICATIONS

	STROKE LENGTH	SINGLE IMPACT CAPACITY	We MIN*	We MAX*	MAX CYCLES PER MIN	MAX TOTAL ENERGY PER HOUR	MAX IMPACT VELOCITY	OPERATING TEMP MIN/MAX	Ke	THREAD TYPE
ENGLISH OR US	1 in	900 in lbs	14.5	3500	25	900,000 in lbs	14 FPS	32°/150° F	120 lb	M27 x 3
METRIC	25.4 mm	101.7 N m	6.57	1587.6			4.27 MPS	0°/65° C	54.4 kg	

DIMENSIONAL INFORMATION

	"A"	"B"	"C"	"D"	"E"	"F" †	\varnothing "G"	\varnothing "H"	"J"	OVERALL WEIGHT (INCL JAM NUT)
ENGLISH OR US	5.19	1.00 inch Nom.	4.21	3.94	.260	3.66	.236	.90	.746	.55 lb
METRIC	131.8	25.4 mm Nom.	107	100	6.60	93.0	6	22.9	19.0	0.25 kg

Bulletin S-85
ISSUED 9/12/18

Ke = Max weight for free falling applications.
Plunger return time = 0.20 sec. Plunger return force = 8 lb/ 3.36 kg
* This number is not the weight of the load, rather a calculation used for model selection in Driven Load applications.
† Full thread length



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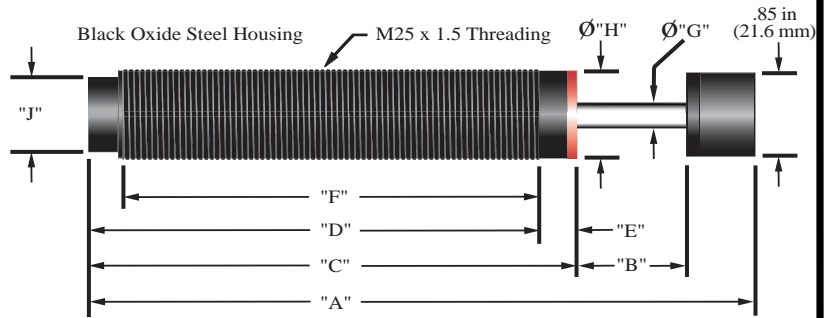
Made in the U.S.A.

Deschner is a registered trademark of Deschner Corporation.

IMPACTA M25 INDUSTRIAL SHOCK ABSORBER (7000 SERIES)



Image Shown:
Model # 7253-24-1B with std jam nut.



TECHNICAL SPECIFICATIONS

	STROKE LENGTH	SINGLE IMPACT CAPACITY	We MIN*	We MAX*	MAX CYCLES PER MIN	MAX TOTAL ENERGY PER HOUR	MAX IMPACT VELOCITY	OPERATING TEMP MIN/MAX	Ke	THREAD TYPE
ENGLISH OR US	1 in	900 in lbs	14.5	3500	25	900,000 in lbs	14 FPS	32°/150° F	120 lb	M25 x 1.5
METRIC	25.4 mm	101.7 N m	6.57	1587.6			4.27 MPS	0°/65° C	54.4 kg	

DIMENSIONAL INFORMATION

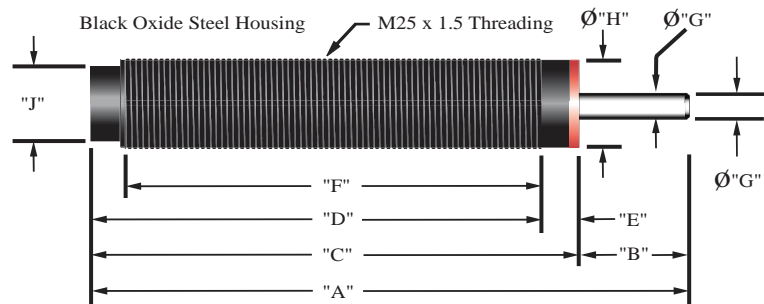
	"A"	"B"	"C"	"D"	"E"	"F" †	Ø "G"	Ø "H"	"J"	OVERALL WEIGHT (INCL JAM NUT)
ENGLISH OR US	5.77	1.00 inch Nom.	4.21	3.94	.260	3.66	.236	.90	.746	.62 lb
METRIC	146.6	25.4 mm Nom.	107	100	6.60	93.0	6	22.9	19.0	0.28 kg

Bulletin S-82
ISSUED 12/1/16

Ke = Max weight for free falling applications.
Plunger return time = 0.20 sec. Plunger return force = 8 lb/ 3.36 kg
* This number is not the weight of the load, rather a calculation used for model selection in Driven Load applications.
† Full thread length



Image Shown:
Model # 7253-24-1 with std jam nut.



TECHNICAL SPECIFICATIONS

	STROKE LENGTH	SINGLE IMPACT CAPACITY	We MIN*	We MAX*	MAX CYCLES PER MIN	MAX TOTAL ENERGY PER HOUR	MAX IMPACT VELOCITY	OPERATING TEMP MIN/MAX	Ke	THREAD TYPE
ENGLISH OR US	1 in	900 in lbs	14.5	3500	25	900,000 in lbs	14 FPS	32°/150° F	120 lb	M25 x 1.5
METRIC	25.4 mm	101.7 N m	6.57	1587.6			4.27 MPS	0°/65° C	54.4 kg	

DIMENSIONAL INFORMATION

	"A"	"B"	"C"	"D"	"E"	"F" †	Ø "G"	Ø "H"	"J"	OVERALL WEIGHT (INCL JAM NUT)
ENGLISH OR US	5.19	1.00 inch Nom.	4.21	3.94	.260	3.66	.236	.90	.746	.55 lb
METRIC	131.8	25.4 mm Nom.	107	100	6.60	93.0	6	22.9	19.0	0.25 kg

Bulletin S-82
ISSUED 12/1/16

Ke = Max weight for free falling applications.
Plunger return time = 0.20 sec. Plunger return force = 8 lb/ 3.36 kg
* This number is not the weight of the load, rather a calculation used for model selection in Driven Load applications.
† Full thread length

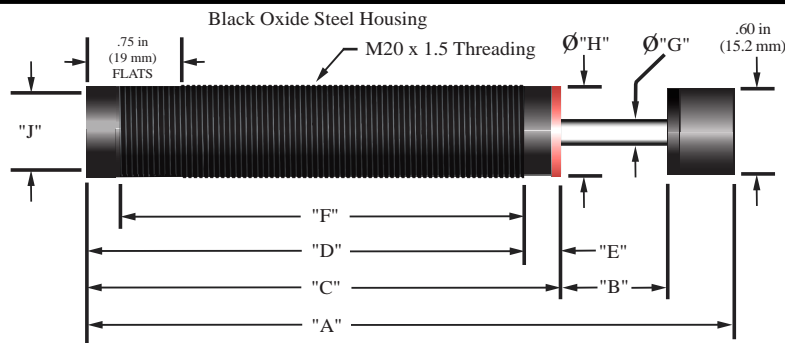


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IMPACTA M20 INDUSTRIAL SHOCK ABSORBER (7000 SERIES)



TECHNICAL SPECIFICATIONS

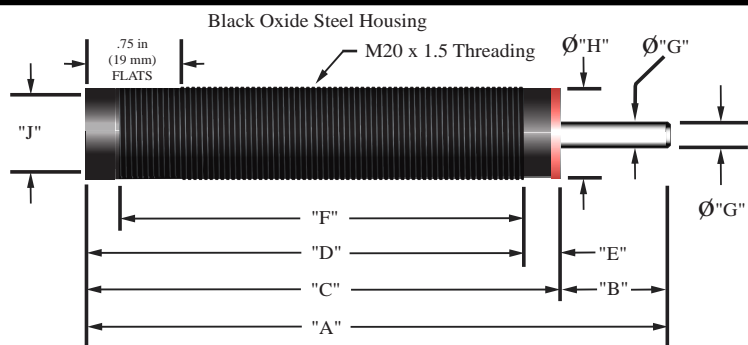
	STROKE LENGTH	SINGLE IMPACT CAPACITY	We MIN*	We MAX*	MAX CYCLES PER MIN	MAX TOTAL ENERGY PER HOUR	MAX IMPACT VELOCITY	OPERATING TEMP MIN/MAX	Ke	THREAD TYPE
ENGLISH OR US	.75 in	300 in lbs	15.0	1500	25	350,000 in lbs	14 FPS	32°/150° F	70 lb	M20 x 1.5
METRIC	19 mm	34 N m	6.8	680.4			4.27 MPS	0°/65° C	31.8 kg	

DIMENSIONAL INFORMATION

	"A"	"B"	"C"	"D"	"E"	"F" †	Ø "G"	Ø "H"	"J"	OVERALL WEIGHT (INCL JAM NUT)
ENGLISH OR US	4.75	.75 inch Nom.	3.50	3.35	.150	3.00	.197	.700	.700	.35 lb
METRIC	120.7	19 mm Nom.	89	85.1	3.80	76.0	5	18	18	.16 kg

Bulletin S-83
ISSUED 8/28/18

Ke = Max weight for free falling applications.
Plunger return time = 0.20 sec. Plunger return force = 1.6 lb/ 1.73 kg
* This number is not the weight of the load, rather a calculation used for model selection in Driven Load applications.
† Full thread length



TECHNICAL SPECIFICATIONS

	STROKE LENGTH	SINGLE IMPACT CAPACITY	We MIN*	We MAX*	MAX CYCLES PER MIN	MAX TOTAL ENERGY PER HOUR	MAX IMPACT VELOCITY	OPERATING TEMP MIN/MAX	Ke	THREAD TYPE
ENGLISH OR US	.75 in	300 in lbs	15.0	1500	25	350,000 in lbs	14 FPS	32°/150° F	70 lb	M20 x 1.5
METRIC	19 mm	34 N m	6.8	680.4			4.27 MPS	0°/65° C	31.8 kg	

DIMENSIONAL INFORMATION

	"A"	"B"	"C"	"D"	"E"	"F" †	Ø "G"	Ø "H"	"J"	OVERALL WEIGHT (INCL JAM NUT)
ENGLISH OR US	4.24	.75 inch Nom.	3.50	3.35	.150	3.00	.197	.700	.700	.35 lb
METRIC	107.7	19 mm Nom.	89	85.1	3.80	76.0	5	18	18	.16 kg

Bulletin S-83
ISSUED 8/28/18

Ke = Max weight for free falling applications.
Plunger return time = 0.20 sec. Plunger return force = 1.6 lb/ 1.73 kg
* This number is not the weight of the load, rather a calculation used for model selection in Driven Load applications.
† Full thread length



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IMPACTA M14 INDUSTRIAL SHOCK ABSORBER (7000 SERIES)

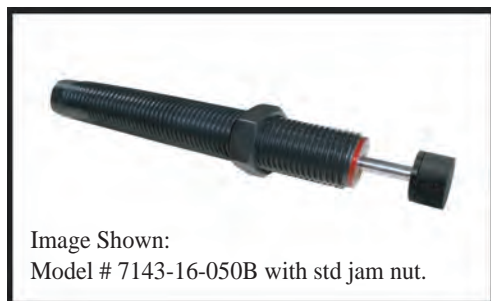
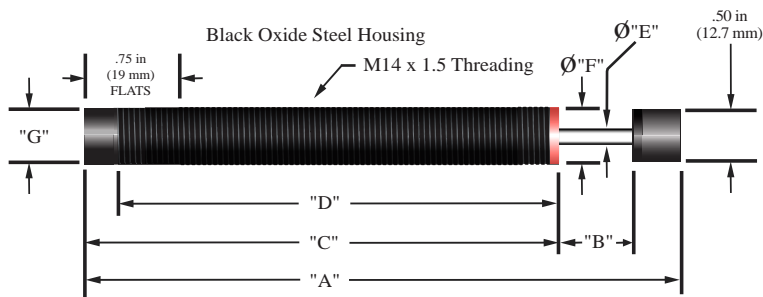


Image Shown:
Model # 7143-16-050B with std jam nut.



TECHNICAL SPECIFICATIONS

	STROKE LENGTH	SINGLE IMPACT CAPACITY	We MIN*	We MAX*	MAX CYCLES PER MIN	MAX TOTAL ENERGY PER HOUR	MAX IMPACT VELOCITY	OPERATING TEMP MIN/MAX	Ke	THREAD TYPE
ENGLISH OR US	.55 in	250 in lbs	20.0	900	25	225,000 in lbs	7 FPS	32°/150° F	90 lb	M14 x 1.5
METRIC	12.7 mm	28.2 N m	9.10	408.2			2.1 MPS	0°/65° C	40.8 kg	

DIMENSIONAL INFORMATION

	"A"	"B"	"C"	"D"	"E"	"F" †	Ø "G"	OVERALL WEIGHT (INCL JAM NUT)
ENGLISH OR US	4.45	.5 inch Nom.	3.47	3.19	.157	.49	.49	.17 lb
METRIC	113.0	12.7 mm Nom.	88.1	81.0	4	12.4	12.4	0.08 kg

Bulletin S-84
ISSUED 9/12/18
Ke = Max weight for free falling applications.
Plunger return time = 0.20 sec. Plunger return force = .5 lb/ .23 kg
* This number is not the weight of the load, rather a calculation used for model selection in Driven Load applications.
† Full thread length

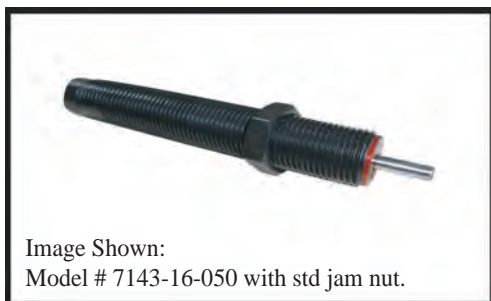
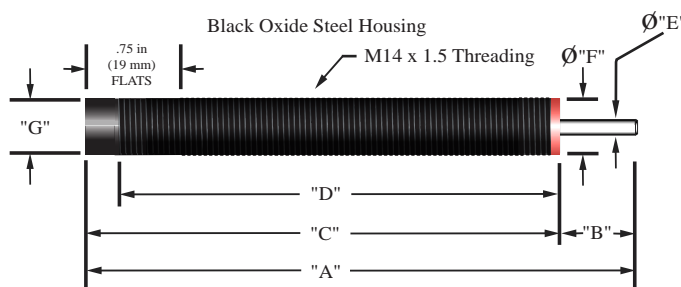


Image Shown:
Model # 7143-16-050 with std jam nut.



TECHNICAL SPECIFICATIONS

	STROKE LENGTH	SINGLE IMPACT CAPACITY	We MIN*	We MAX*	MAX CYCLES PER MIN	MAX TOTAL ENERGY PER HOUR	MAX IMPACT VELOCITY	OPERATING TEMP MIN/MAX	Ke	THREAD TYPE
ENGLISH OR US	.55 in	250 in lbs	20.0	900	25	225,000 in lbs	7 FPS	32°/150° F	90 lb	M14 x 1.5
METRIC	12.7 mm	28.2 N m	9.10	408.2			2.1 MPS	0°/65° C	40.8 kg	

DIMENSIONAL INFORMATION

	"A"	"B"	"C"	"D"	"E"	"F" †	Ø "G"	OVERALL WEIGHT (INCL JAM NUT)
ENGLISH OR US	4.00	.5 inch Nom.	3.47	3.19	.157	.49	.49	.17 lb
METRIC	101.6	12.7 mm Nom.	88.1	81.0	4	12.4	12.4	0.08 kg

Bulletin S-84
ISSUED 9/12/18
Ke = Max weight for free falling applications.
Plunger return time = 0.20 sec. Plunger return force = .5 lb/ .23 kg
* This number is not the weight of the load, rather a calculation used for model selection in Driven Load applications.
† Full thread length



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