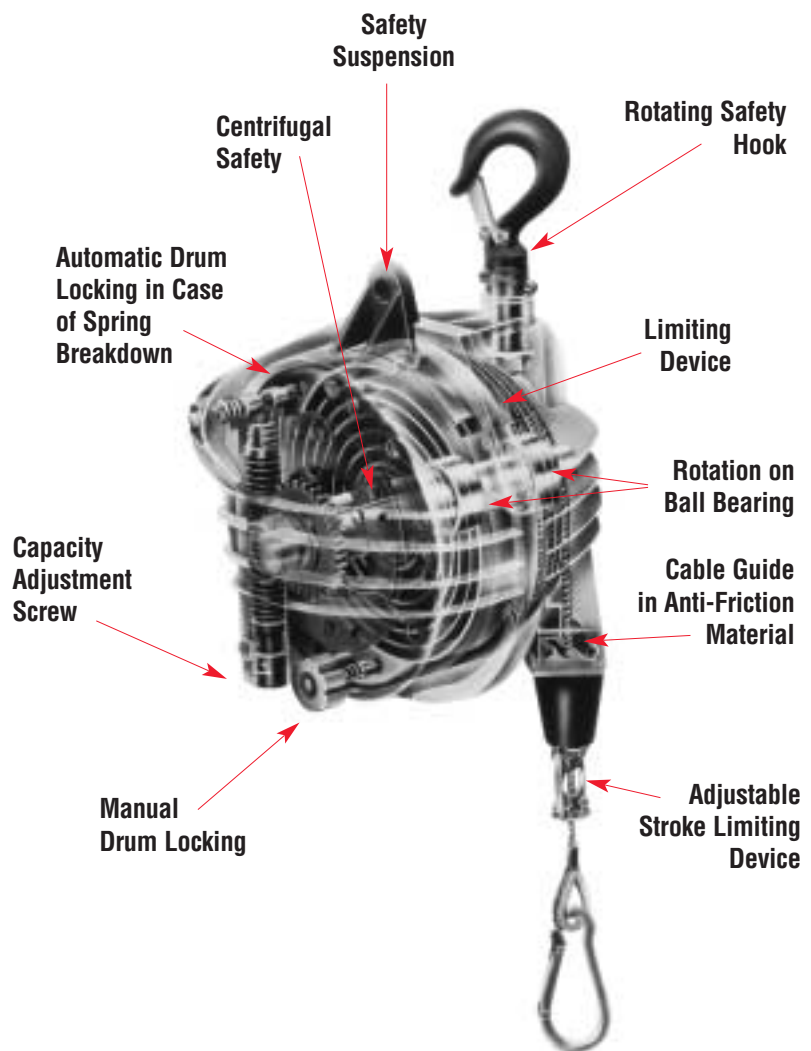


Balancers

The IRAX red balancers from Ingersoll-Rand offer you five different series to fill all your balancing requirements. The light, medium, intermediate, heavy and super duty series cover weight balancing requirements from 1 lb. to 330 lbs.

These rugged balancers are made of die cast aluminum. A safety locking device on the medium, heavy and super duty models is designed to prevent dropping of the tool should the spring fail. Easy to use controls allow for accurate spring adjustment.

With over 50 models to choose from and lifts ranging from 5 to 9 feet, IRAX balancers fill your balancer requirements with quality from Ingersoll-Rand.



Model Number Key					
B	M	D	L	L	10
Balancer	H = Heavy I = Intermediate L = Light M = Medium S = Super	Duty	L = Long Cable (8.2' or 9.85') S = Short Cable (6.5')	Locking Type	Upper Weight Capacity in Kilograms

Balancers

Hose Reel Balancer – Specification

Model No.	Hose Nipples	Capacity lb.	Lift ft.
BHR-8	1/4"	7/8 - 1 3/4	4 1/4
BHR-15	1/4"	1 1/2 - 3 1/3	4 1/4
BHR-25	1/4"	2 5/8 - 5 1/2	4 1/4

Light Duty – Capacity 0.9 to 66.6 lbs. (0.4 to 3 kg)

- Rotary hook
- Self lubricating bushings
- Adjustable capacity and stroke limiting device
- Auxiliary safety suspension

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BLD1	.9-2.2	0.4-1	1.3	0.6	5.2	1600
BLD2	2.2-4.4	1-2	1.3	0.6	5.2	1600
BLD3	4.4-6.6	2-3	1.3	0.7	5.2	1600

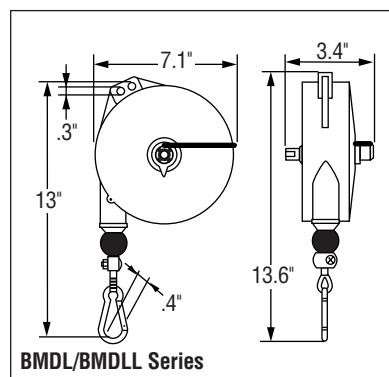
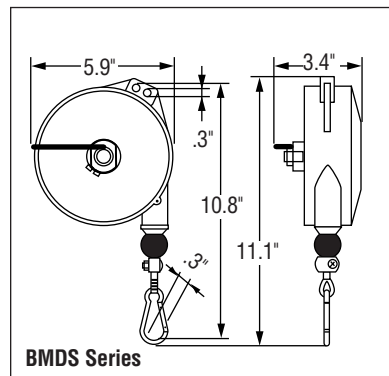
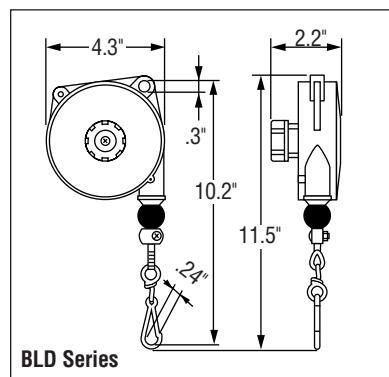
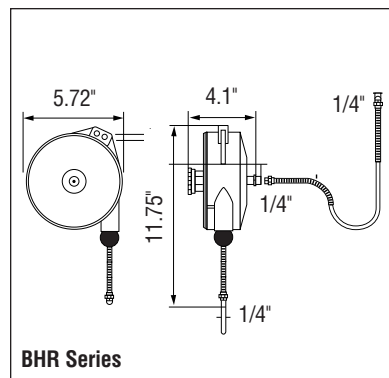
Medium Duty – Capacity 2.2 to 26.5 lbs. (1 to 12 kg)

- Safety device prevents dropping of load due to spring breakage (except BMDS-2)
- Anti-friction cable guide
- Adjustable stroke limiting device

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BMDS-2	2.2-5.5	1-2.5	4.4	2.0	6.5	2000
BMDS-4	4.4-8.8	2-4	4.4	2.0	6.5	2000
BMDS-6	8.8-13.2	4-6	5.1	2.3	6.5	2000
BMDS-8	13.2-17.6	6-8	5.5	2.5	6.5	2000
BMDL-4	4.4-8.8	2-4	6.4	2.9	8.2	2500
BMDL-6	8.8-13.2	4-6	7.1	3.2	8.2	2500
BMDL-8	13.2-17.6	6-8	7.7	3.5	8.2	2500
BMDL-10	17.6-22.0	8-10	8.2	3.7	8.2	2500
BMDL-12	22.0-26.5	10-12	8.8	4.0	8.2	2500

Locking Type Balancer

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BMDLL-4	4.4-8.8	2-4	6.6	3.0	8.2	2500
BMDLL-6	8.8-13.2	4-6	7.3	3.3	8.2	2500
BMDLL-8	13.2-17.6	6-8	7.9	3.6	8.2	2500
BMDLL-10	17.6-22.0	8-10	8.4	3.8	8.2	2500



Intermediate Duty – Capacity 8 to 55 lbs. (4 to 25 kg)

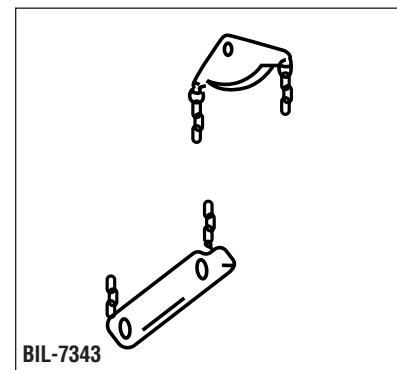
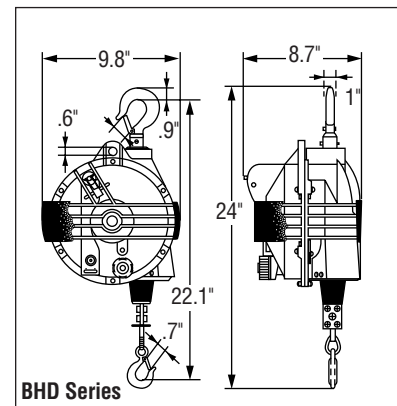
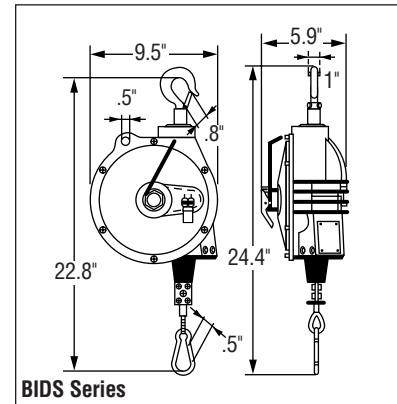
- Safety device prevents load dropping due to spring breakage
- Anti-friction cable guide
- Adjustable stroke limiting device
- Upper rotary suspension
- Safety hook
- Auxiliary safety suspension

Model No.	Capacity	
	lb.	kg
BIDS-7	8.8-15.4	4-7
BIDS-10	15.4-22	7-10
BIDS-14	22-30.8	10-14
BIDS-18	30.8-39.6	14-18
BIDS-22	39.6-48.4	18-22
BIDS-26	48.4-55	22-25

Heavy Duty – Capacity 22 to 143 lbs. (10 to 65 kg)

- Safety device prevents load dropping due to spring breakage
- Upper suspension with rotary safety hook
- Precision guided cable winding prevents jamming
- Anti-friction cable guide
- Manual locking device for instant clamping or release
- Worm screw capacity adjustment
- Spring drum assembly
- Floor controlled locking device available as an option (BIL-7343)

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BHD-15	22-33	10-15	22.7	10.3	6.5	2000
BHD-20	33-44	15-20	23.4	10.6	6.5	2000
BHD-25	44-55	20-30	25.4	11.5	6.5	2000
BHD-30	55-66	25-30	25.4	11.5	6.5	2000
BHD-35	66-77	30-35	26.0	11.8	6.5	2000
BHD-45	77-99	35-45	27.3	12.4	6.5	2000
BHD-55	99-121	45-55	27.6	12.5	6.5	2000
BHD-65	121-143	55-65	30.0	13.6	6.5	2000



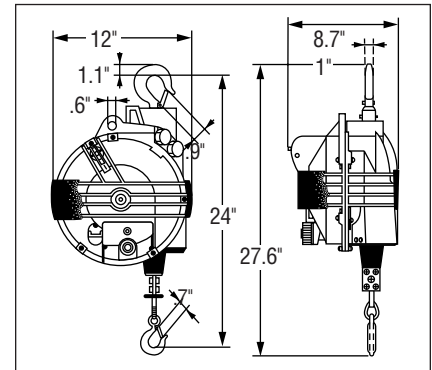
Balancers

Super Duty — Capacity 33 to 363 lbs. (15 to 165 kg)

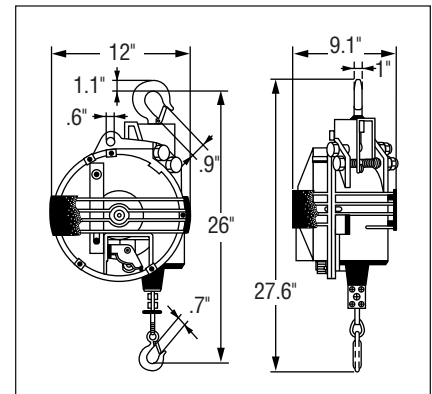
- Safety device prevents load dropping due to spring breakage
- Manual locking device for instant clamping or release
- Anti-friction cable guide
- Cable replacement without balancer disassembly
- Floor controlled locking device available as an option (BIL-7343)
- Precision guided cable winding prevents jamming

- Alignable rotating upper hook
- Worm screw capacity adjustment
- Cable visible for inspection
- Other sizes available on request

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BSD-20	33-44	15-20	41.9	19.0	8.2	2500
BSD-30	44-66	20-30	43.7	19.8	8.2	2500
BSD-40	66-88	30-40	45.9	20.8	8.2	2500
BSD-50	88-110	40-50	52.7	23.9	8.2	2500
BSD-60	110-132	50-60	56.0	25.4	8.2	2500
BSDL-20	33-44	15-20	42.1	19.1	9.85	3000
BSDL-25	44-55	20-25	43.9	19.9	9.85	3000
BSDL-35	55-77	25-35	46.1	20.9	9.85	3000



Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BSD-70	132-154	60-70	59.1	26.8	8.2	2500
BSD-80	154-176	70-80	61.3	27.8	8.2	2500
BSD-90	176-198	80-90	63.5	28.8	8.2	2500
BSDL-45	77-99	35-45	52.5	23.8	9.85	3000
BSDL-50	88-110	40-50	52.7	23.9	9.85	3000
BSDL-60	110-132	50-60	55.8	25.3	9.85	3000
BSDL-70	132-154	60-70	58.9	26.7	9.85	3000
BSDL-80	154-176	70-80	61.7	28.0	9.85	3000
BSDL-90	176-198	80-90	64.0	29.0	9.85	3000



Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BSD-100	198-220	90-100	78.5	35.6	8.2	2500
BSD-120	220-265	100-120	85.3	38.7	8.2	2500
BSD-140	265-309	120-140	92.2	41.8	8.2	2500
BSD-150	287-330	130-150	98.1	44.5	8.2	2500
BSD-165	330-363	150-165	106.3	48.2	8.2	2500
BSDL-100	198-220	90-100	81.1	36.8	9.85	3000
BSDL-115	220-254	100-115	85.3	38.7	9.85	3000
BSDL-130	254-286	115-130	88.0	39.9	9.85	3000
BSDL-140	286-309	130-140	94.4	42.8	9.85	3000
BSDL-150	309-330	140-150	100.6	45.6	9.85	3000

