



A Division of Caster Concepts

ADVANCED CASTER SOLUTIONS

FOR HIGH-PERFORMANCE MOBILITY





AEROL



FOREWORD

At Aerol, we believe that **mobility is mission-critical**—especially in environments where safety, performance, and precision cannot be compromised. From aerospace ground support to heavy-duty industrial carts and shock-sensitive systems, our casters are engineered not just to move—but to move smarter, safer, and longer.

As part of the **Caster Concepts family**, our American made casters continue to set the benchmark in consistency, dependability, and performance in environments that would destroy lesser products.

This catalog is more than a parts list—it's a gateway to building your perfect mobility system. Whether you're specifying for clean rooms, flight lines, or mobile industrial machinery, our enhanced catalog system makes it easier than ever to configure the right caster, wheel, brake, and lock combination.

From Air Force hangers to ship decks at sea, Aerol casters carry the weight of mission-critical reliability. We're proud to be a part of the systems that keep American industries moving forward.

Engineered To Excel In Extreme Environments. Everytime.

Aerol corrosion resistant casters are sealed for life and require little to no maintenance depending on the application. They routinely remain in service for three to four decades and built to meet or exceed expectations in the harshest conditions on earth, from salt-laden sea air to the scorching heat of tarmacs. Every detail of our products—from proprietary **Aerolast™ tread formulations** to our **zero-pressure wheels**—are tested and trusted by engineers who can't afford downtime. And neither can you.

Aerol casters are 100% rebuildable, allowing customers to replace individual parts instead of entire assemblies. This design philosophy dramatically reduces lifetime ownership costs while maximizing uptime and reliability.

INTRODUCTION

Basic Caster Series Number

All casters identified under this system have a basic series number that describes the unit with respect to the following characteristics:

Characteristics	Code	Remarks
Swivel or Rigid	S or R	Every basic series number is prefixed by S or R .
Single or Dual Wheels	D	The next letter of the series code is " D " if the caster has two wheels.
Shock Absorbing	S	The Letter " S " appears if the Caster is spring mounted.
Heavy Duty Service Aluminum Casters	H	The letter " H " appears if the caster is designed for heavy duty service.
Welded Steel Construction	F	The letter " F " appears if the caster horn is of fabricated steel construction.
Caster Size	One or Two digits	The numerical suffix indicates the caster size in inches.

Swivel Lock Code

If no swivel lock is required, the basic caster number is followed by **-0**. If an "**ELL**" handle swivel lock is required, the basic caster number is followed by **-1**. If a ring handle **S/L** is required, the basic caster number is followed by **-2**. It is necessary to indicate positively whether or not a swivel caster requires a swivel lock. No swivel lock code is required for rigid casters.

Examples:

S8	8" swivel caster
RSH10	10" rigid shock absorbing heavy duty caster.

Brake Code

Brake requirements are indicated by a one or two digit code as indicated below. When occasionally both a left and right hand brake are required on a dual wheel caster the appropriate code digits may be combined:

Code	Explanation
-0	No brake required.
-1	Aluminum pedal left hand footbrake.
-2	Aluminum pedal right hand footbrake.
-3	Steel pedal left hand footbrake.
-4	Steel pedal right hand footbrake.
-5	Axle brake for Airlite wheels, left hand.
-6	Axle brake for Airlite wheels, right hand.
-7	Footbrake for 6" casters only.

Wheel Code

Wheels required are identified by a two letter wheel type code, and one or two digit wheel size code. For a Complete description of Aerol wheels, see page 6, 16 through 22, of the Aerol Industrial Wheel and Caster Catalog.

Code	Description
ER	Aerol wheel, rubber tread.
EL	Aerol wheel, Aerolast tread.
SR	Aerol seal wheel, rubber tread.
SL	Aerol sealwheel, Aerolast tread.
IR	Airlite wheel, rubber tread.
IL	Airlite wheel, Aerolast tread.
HR	Heavy duty Aerol seal wheel, rubber tread.
HL	Heavy duty Aerol seal wheel, Aerolast tread.
XR	Extra heavy duty wheel, rubber tread.
XL	Extra heavy duty wheel, Aerolast tread.
PN	Pneumatic wheel.
ZL	Light duty zero pressure wheel.
ZM	Medium duty zero pressure wheel.
ZH	Heavy duty zero pressure wheel.
VG	V groove wheel.
PL	Plastic wheel.
SW	55 series Aerol seal wheel.

Following the wheel type code, one or two digits indicates the wheel size.

Examples:

ER6	6" Aerol wheel, rubber tread.
XL8.5	8.5" extra heavy duty wheel, Aerolast tread.
VG10	10" V groove wheel.

Shock Absorbing Code

The spring requirements of a shock absorbing caster are indicated by a numerical suffix to the catalog number, using the required load rating in pounds to the closest even 50 lbs.

Optional Base Plates

Several casters are available with optional mounting hole patterns. When optional baseplate "A" or "B" is required, the choice is indicated by a suffix letter "A" or "B" at the end of the catalog number.

INDEX

Section	Description	Series	Page
I	Standard Casters	S3	1-1
		R3	1-2
	Swivel & Rigid	S5	1-3
		R5	1-4
		S6	1-5
		R6	1-6
		S8	1-7
		R8	1-8
		S10	1-9
		R10	1-10
		S12	1-11
		R12	1-12
II	Heavy Duty Casters (Use R5 - see pages 1-4)	SH5	2-1
			2-2
	Swivel & Rigid	SH6	2-3
		RH6	2-4
	Single & Dual	SH10	2-5
		RH10	2-6
		SH12	2-7
	(Use RF12 -see pages 3-5)		2-8
		SDH8	2-9
III	Steel Fabricated Casters	SDH12	2-11
		SF8	3-1
		RF8	3-2
		SF10	3-3
		RF10	3-4
		RF12	3-5
		SDF12	3-7
IV	Shock Absorbing Casters	SS6	4-1
		RS6	4-2
	Standard & Heavy Duty	SS8	4-3
		RS8	4-4
	Single & Dual	SS10	4-5
		RS10	4-6
		SSH10	4-7
		RSH10	4-8
		SSH12	4-9
		RSH12	4-10
		SDSH10	4-11
		SDSH12	4-12

Accessories

-1 & -5 Type Swivel Lock
-2 & -6 are similar but with
ring handle



-4 Type Swivel Lock
-3 is similar but with
ELL handle



Aerol Swivel Locks

Since publication of the Aerol supplemental catalog numbering system, there has been a significant increase in the types of swivel locks available for use with Aerol casters. The following is an explanation of the numerical code designed to assist you, the customer, in the selection of the most suitable swivel lock for your particular application. The proper swivel lock dash number should follow the basic caster number when ordering by the Aerol supplemental catalog numbering system. If a swivel lock is not required, indicate by **-0**. No swivel lock designation is required for rigid casters.

Aerol produces three basic swivel locks, each available with either an **"ELL"** handle, or a ring handle.

The Standard swivel lock has a die cast aluminum body and is attached to the caster base plate by means of two cap screws. This swivel lock is designated by **-1** when an **"ELL"** handle is desired and by **-2** for a ring handle.

The second basic type of swivel lock has a permanent mold aluminum body, and is attached to the caster by means of the caster mounting bolts. For this reason it is delivered as a loose item that must be installed by the customer. To procure this style swivel lock with an **"ELL"** handle, use the designation **-3**, and for a ring handle **-4**. The two mounting bolts that secure the swivel lock must be $\frac{3}{8}$ " longer than would otherwise be required.

The third basic swivel lock type is similar to the standard lock in that it is attached to the caster base plate by means of two cap screws, but it has a high strength stainless steel body produced by the investment casting technique. This swivel lock may be procured with an **"ELL"** handle by the designation **-5**, and with a ring handle by **-6**.

Experience has shown that for casters in the "Heavy Duty" series, size 10" and larger, and for all casters in the **"SF"** series, the service requirements dictate the use of a heavy duty swivel lock. For this reason Aerol will supply the steel bodied swivel lock (**-5** or **-6**) when orders for casters in these categories indicate the die-cast swivel lock (**-1** or **-2**).

Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

Accessories

Toe Guards

Often used as a safety device, Aerol toe guards for casters are mounted $\frac{1}{2}$ " off the floor. This enables industrial casters to move easily on many types of floors while maintaining a solid barrier between personnel and obstacles within manufacturing environments.



Floor Locks

Aerol floor locks have an industry leading all aluminum robust design. When you needed added braking but don't want the added weight. The over center linkage design and innovative built in automatic adjustment ensure these floor locks work every time.

A large circular rubberized landing pad also helps tools adjust to uneven floors. Floor locks are typically used as a parking brake when a tool or stand is being parked or being worked on top of. When caster brakes are not enough, use a floor lock to ensure platforms won't move while increasing stability.

Caster Brakes

Aerol's Caster Brakes were designed to meet the same stringent military and aerospace standards to pair with the robust caster line up. With an industry leading cast aluminum bodies design, there is no equal in caster brakes on the market. With industry leading innovative designs you can be sure there is an Aerol brake that will meet your needs on all casters in the Aerol line up.

Configurations can be specified in an all-aluminum or all cast iron bodies. Whether weight is critical to a tool design or strength, all Aerol brakes live up to the task of controlling apparatus movement. Good caster brakes are a critical part of tool and manufacturing operations. Many of Aerol's brakes meet or exceed aerospace and Mil-Spec standards to ensure personnel remain safe while on the job.



DUAL WHEEL BRAKES



RIGHT HAND BRAKE



LEFT HAND BRAKE



MUSTACHE BRAKE



FACE CONTACT BRAKE



DEADMAN BRAKE



LATCH BRAKE



AXLE BRAKE

Discover how Aerol can meet your challenges head-on with advanced mobility solutions. Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

S3 SERIES



R3 SERIES

Four Mounting Holes for 3/8" Diameter Bolts.

Top plate thickness: **.50"**

Total height: **4.38"**

Brake Availability:
-0 No Brake

EXAMPLE:

R3-0-EL3

Rigid
Caster

3" Size

No Brake

3" Dia

- Rubber Tread

- Aerol Wheel

MAX CASTER LOAD
RATING @ 5MPH

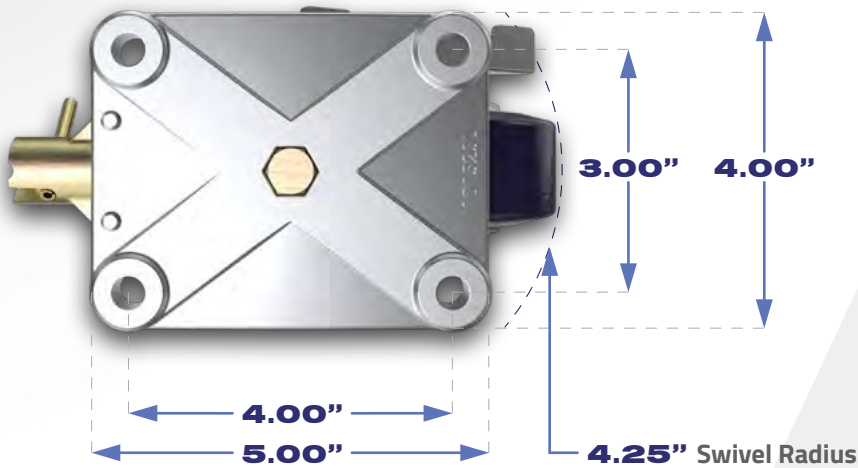
[illegible]

Discover how Aerol can meet your challenges head-on with advanced mobility solutions. Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

R3 SERIES

Swivel Caster and Wheel Assembly

S5
SERIES



Four Mounting Holes for 3/8" Diameter Bolts.



Swivel Lock Availability:

- 0 No Swivel Lock
- 1 "L" Handle Swivel Lock

Brake Availability:

- 0 No Brake
- 5 Axel Brake, Left Hand*
- 6 Axel Brake, Right Hand*

*With IR4, IL4, IR5, & IL5 Wheel Only

EXAMPLE:

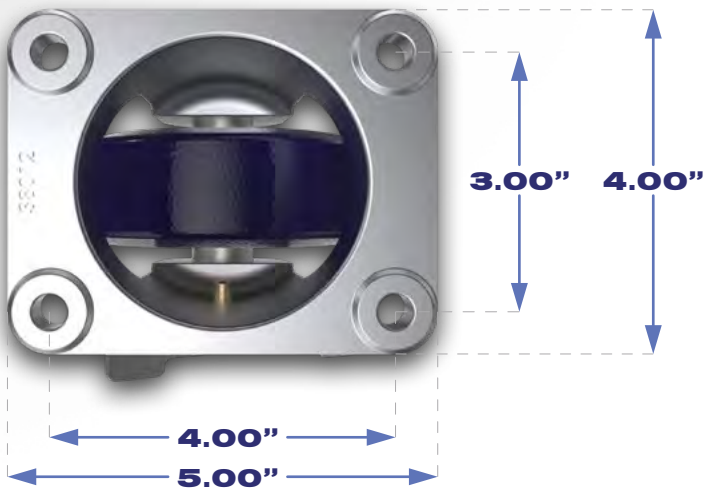
S5-1-5-IR5

- Swivel Caster
- 5" Size
- "L" Handle Swivel Lock
- 5" Dia
- Rubber Tread
- Airlite Wheel
- Axel Brake, Left Hand

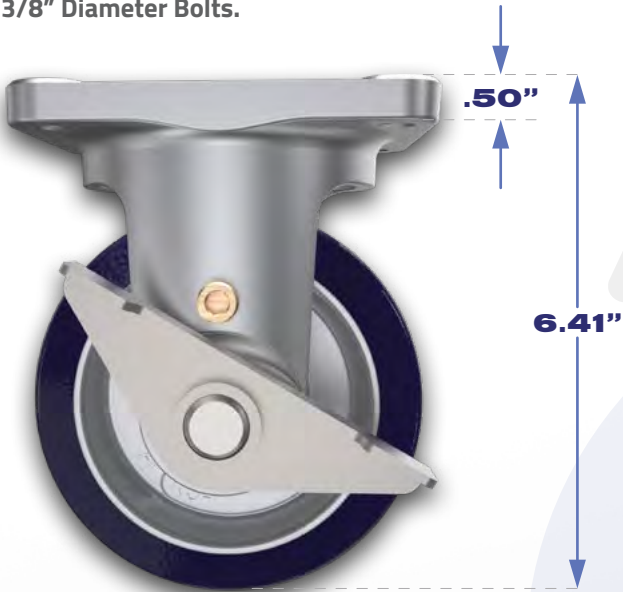
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER4	4" Aerol Wheel, Rubber Tread																				
EL4	4" Aerol Wheel, Aerolast Tread																				
IR4	4" Airlite Wheel, Rubber Tread																				
IL4	4" Airlite Wheel, Aerolast Tread																				
ER5	5" Aerol Wheel, Rubber Tread																				
EL5	5" Aerol Wheel, Aerolast Tread																				
SR5	5" Aerol Seal Wheel, Rubber Tread																				
SL5	5" Aerol Seal Wheel, Aerolast Tread																				
IR5	5" Airlite Wheel, Aerolast Tread																				
IL5	5" Airlite Wheel, Rubber Tread																				
PL4	4" Plastic Wheel																				
PL5	5" Plastic Wheel																				

Rigid Caster and Wheel Assembly

R5
SERIES



Four Mounting Holes for
3/8" Diameter Bolts.



Brake Availability:
-0 No Brake
-5 Axel Brake, Left Hand*

*With IR4, IL4, IR5, & IL5 Wheel Only

EXAMPLE:
R5-O-PL5

Rigid Caster
5" Size
No Brake

5" Dia
Plastic Wheel

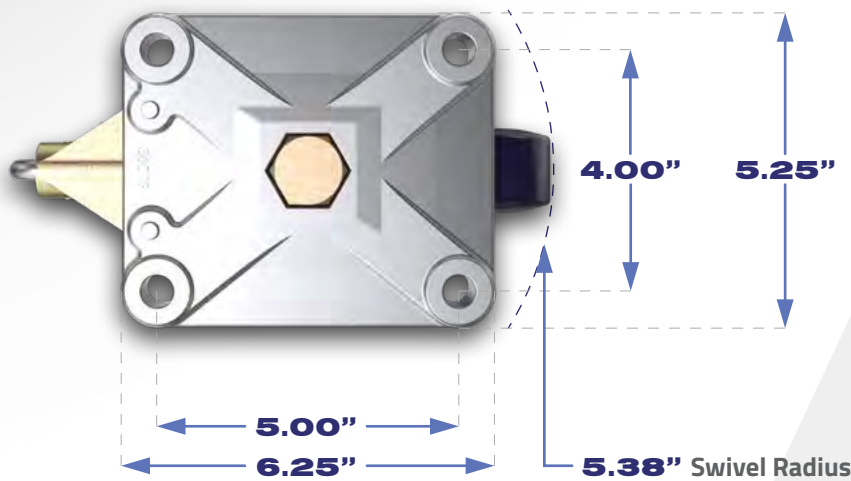
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER4	4" Aerol Wheel, Rubber Tread																				
EL4	4" Aerol Wheel, Aerolast Tread																				
IR4	4" Airlite Wheel, Rubber Tread																				
IL4	4" Airlite Wheel, Aerolast Tread																				
ER5	5" Aerol Wheel, Rubber Tread																				
EL5	5" Aerol Wheel, Aerolast Tread																				
SR5	5" Aerol Seal Wheel, Rubber Tread																				
SL5	5" Aerol Seal Wheel, Aerolast Tread																				
IR5	5" Airlite Wheel, Aerolast Tread																				
IL5	5" Airlite Wheel, Rubber Tread																				
PL4	4" Plastic Wheel																				
PL5	5" Plastic Wheel																				

Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit www.Aerol.com or speak with a Technical Product manager, at 517-240-1438

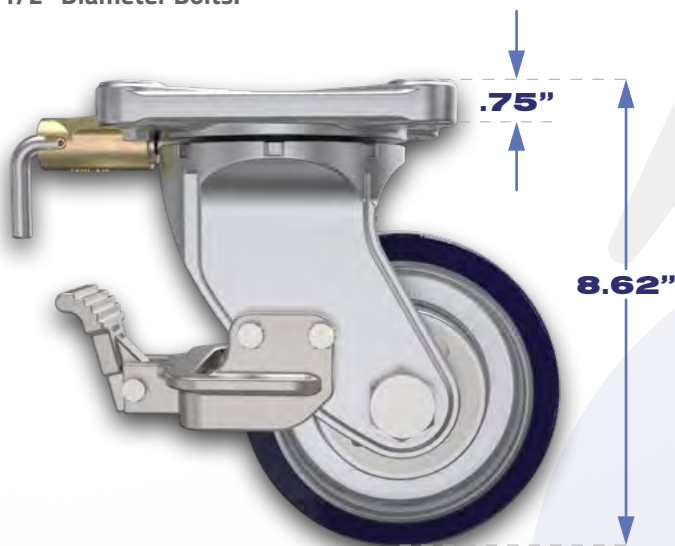
R5
SERIES

Swivel Caster and Wheel Assembly

S6
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



Swivel Lock Availability:
-0 No Swivel Lock
-1 "L" Handle Swivel Lock

Brake Availability:
-0 No Brake
-7 Foot Brake

EXAMPLE:

S6-1-7-SL6

Swivel

Caster

6" Size

"L" Handle Swivel Lock

6" Dia

Aerolast Tread

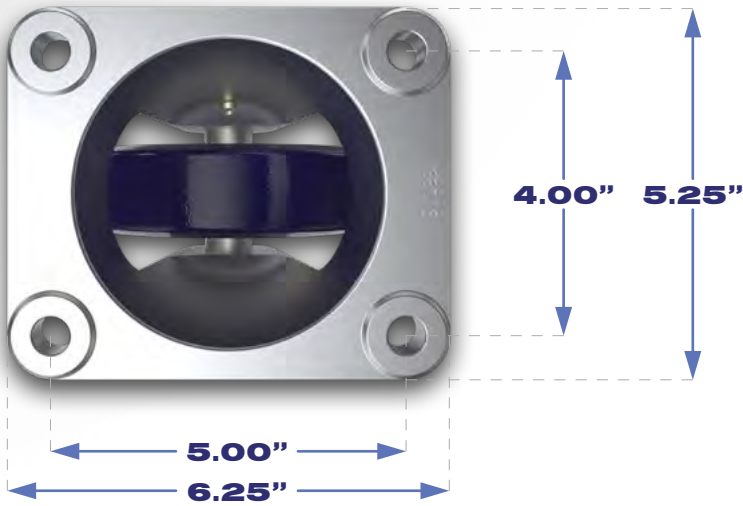
Aerolast Seal Wheel

Foot Brake

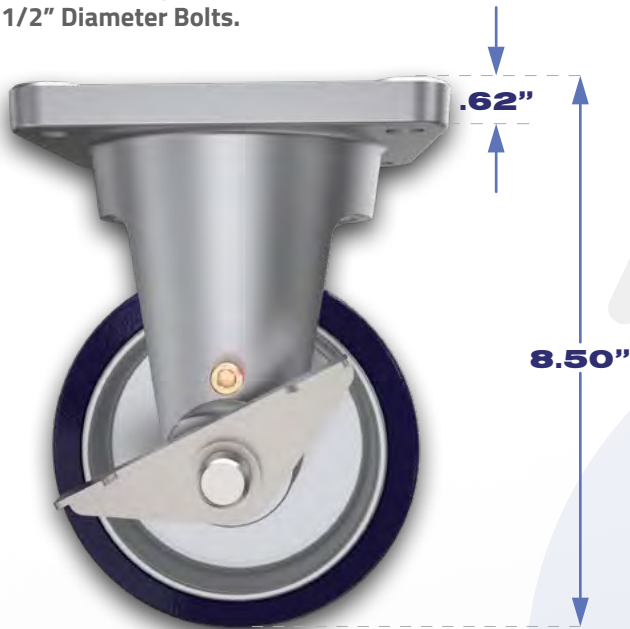
CODE	DESCRIPTION	LOAD RANGE (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER6	6" Aerol Wheel, Rubber Tread																				
EL6	6" Aerol Wheel, Aerolast Tread																				
SR6	6" Aerol Seal Wheel, Rubber Tread																				
SL6	6" Aerol Seal Wheel, Aerolast Tread																				
IR6	6" Airlite Wheel, Rubber Tread																				
IL6	6" Airlite Wheel, Aerolast Tread																				
ZL6	6" Light Duty, Zero Pressure Wheel & Tire																				
ZM6	6" Medium Duty, Zero Pressure Wheel & Tire																				
ZH6	6" Heavy Duty, Zero Pressure Wheel & Tire																				
PL6	6" Plastic Wheel																				
SW6	6" "S5 Series Aerol Seal Wheel																				
VG6	6" Steel "V" Groove Wheel																				

Rigid Caster and Wheel Assembly

R6
SERIES



Four Mounting Holes for 1/2" Diameter Bolts.



Brake Availability:
-0 No Brake
-5 Axel Brake, Left Hand*

*With IR6 and IL6 Wheels Only

EXAMPLE:
R6-5-IL6

Rigid Caster

6" Size

Axel Brake

6" Dia

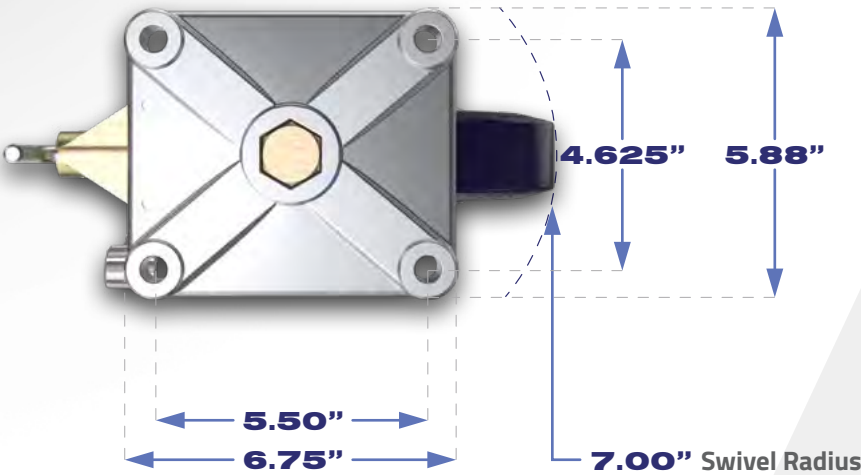
Aerolast Tread

Airlite Wheel

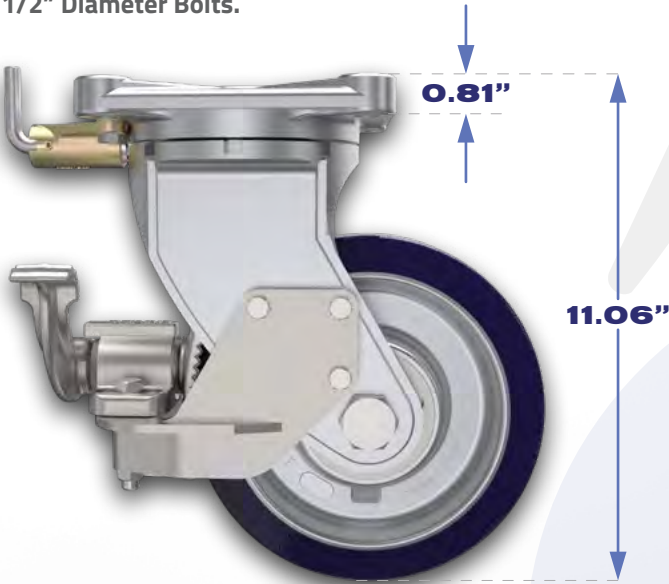
		MAX CASTER LOAD RATING @ 5MPH																			
CODE	DESCRIPTION	LOAD RANGE (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER6	6" Aerol Wheel, Rubber Tread																				
EL6	6" Aerol Wheel, Aerolast Tread																				
SR6	6" Aerol Seal Wheel, Rubber Tread																				
SL6	6" Aerol Seal Wheel, Aerolast Tread																				
IR6	6" Airlite Wheel, Rubber Tread																				
IL6	6" Airlite Wheel, Aerolast Tread																				
ZL6	6" Light Duty, Zero Pressure Wheel & Tire																				
ZM6	6" Medium Duty, Zero Pressure Wheel & Tire																				
ZH6	6" Heavy Duty, Zero Pressure Wheel & Tire																				
PL6	6" Plastic Wheel																				
SW6	6" "S5 Series Aerol Seal Wheel																				
VG6	6" Steel "V" Groove Wheel																				

Swivel Caster and Wheel Assembly

S8
SERIES



Four Mounting Holes for 1/2" Diameter Bolts.



- Swivel Lock Availability:
- 0 No Swivel Lock
 - 1 "L" Handle Swivel Lock

- Brake Availability:
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

S8-1-4-ZM8

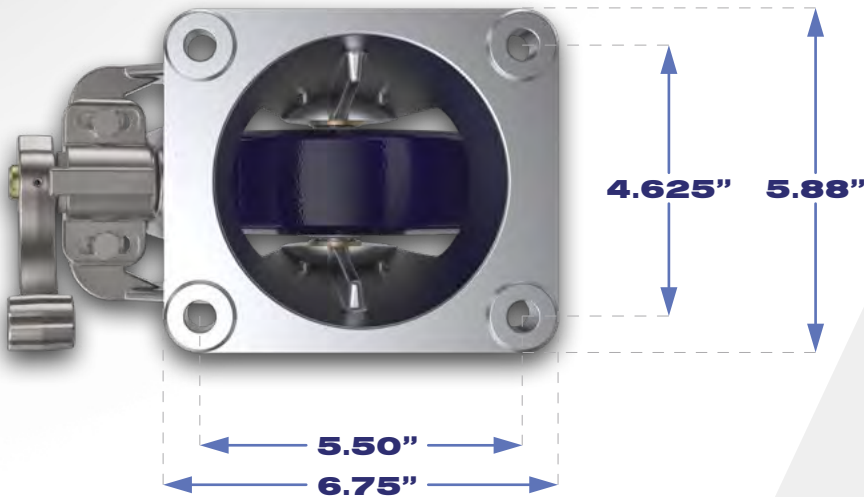
- Swivel
Caster
8" Size
"L" Handle
Swivel Lock
- 8" Dia
Medium Duty
Zero
Pressure Tire
Steel Pedal
Foot Brake
Right Hand

- Optional Base Plate Bolt Patterns:
- A: 4 1/8 x 4 1/2 for 1/2" Bolts
- B: 3 3/8 x 5 1/4 for 1/2" Bolts

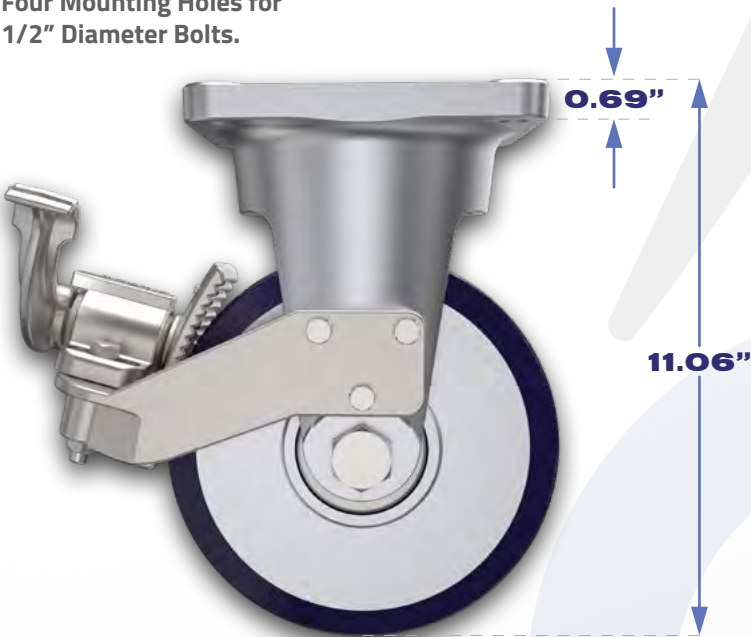
		MAX CASTER LOAD RATING @ 5MPH																			
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER8	8" Aerol Wheel, Rubber Tread																				
EL8	8" Aerol Wheel, Aerolast Tread																				
SR8	8" Aerol Seal Wheel, Rubber Tread																				
SL8	8" Aerol Seal Wheel, Aerolast Tread																				
IR8	8" Airlite Wheel, Rubber Tread																				
IL8	8" Airlite Wheel, Aerolast Tread																				
PN8	8" Pneumatic Wheel																				
ZL8	8" Light Duty, Zero Pressure Wheel																				
ZM8	8" Medium Duty, Zero Pressure Wheel																				
ZH8	8" Heavy Duty, Zero Pressure Wheel																				
PL8	8" Plastic Wheel																				
SW8	8" '55 Series Aerol Seal Wheel																				

Rigid Caster and Wheel Assembly

R8
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



- Brake Availability: (Proposed)
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:
R8-0-IR8

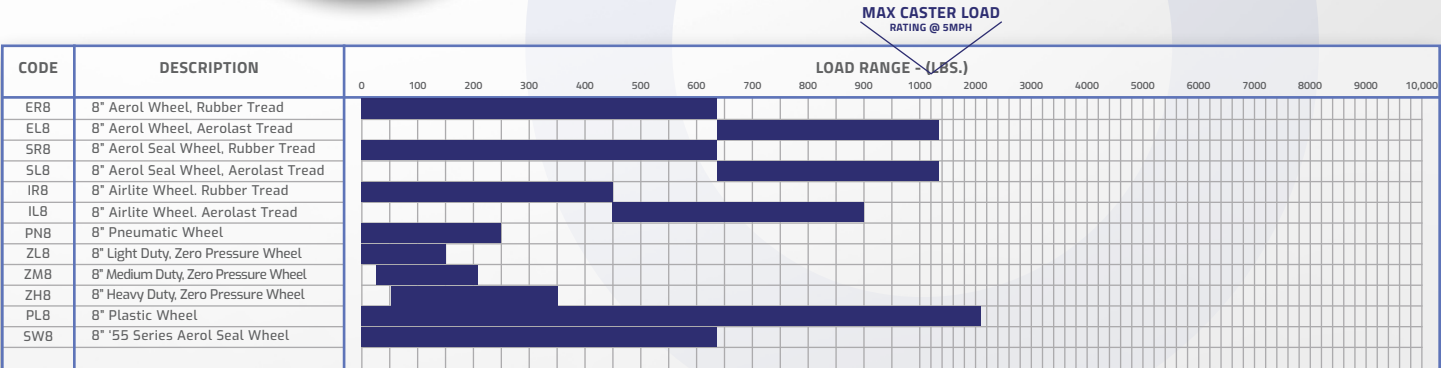
Rigid Caster

8" Size

No Brake

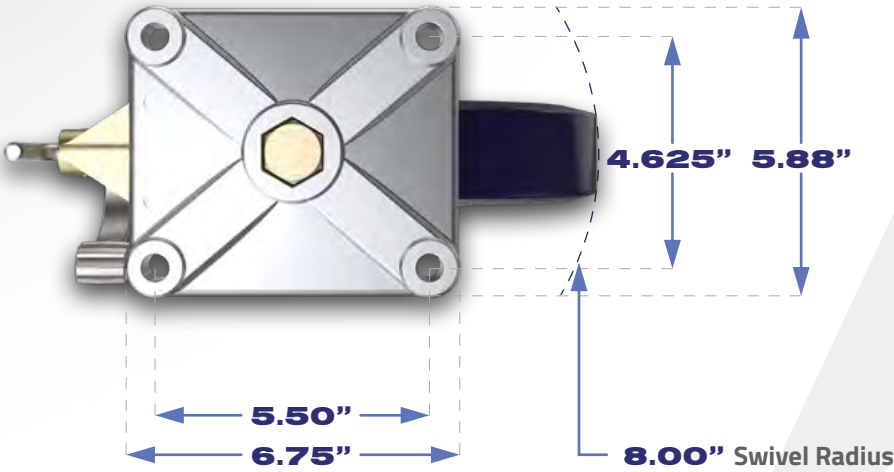
8" Dia Rubber Tread

Airlite Wheel

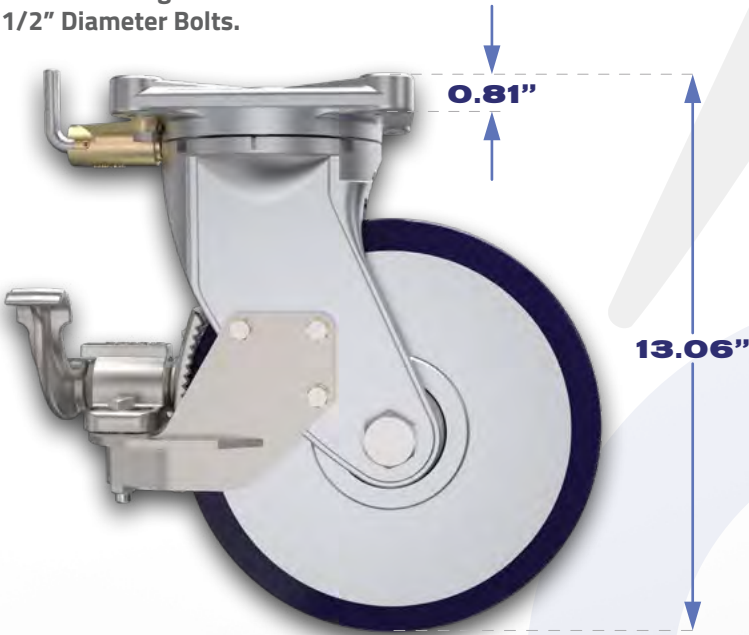


Swivel Caster and Wheel Assembly

S10
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



Swivel Lock Availability:

- 0 No Swivel Lock
- 1 "L" Handle Swivel Lock

Brake Availability:

- 0 No Brake
- 1 Aluminum Pedal Foot Brake, Left Hand
- 2 Aluminum Pedal Foot Brake, Right Hand
- 3 Steel Pedal Foot Brake, Left Hand
- 4 Steel Pedal Foot Brake, Right Hand

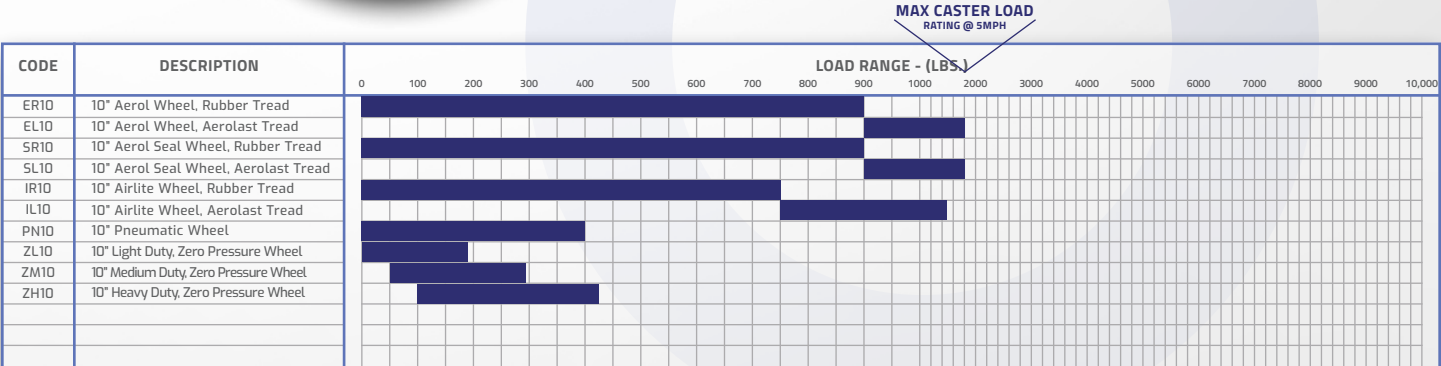
EXAMPLE:

S10-0-3-EL10

- Swivel
- Caster
- 10" Size
- No Swivel Lock
- 10" Dia Aerolast Tread
- Aerol Wheel
- Steel Pedal Foot Brake, Left Hand

Optional Base Plate Bolt Patterns:

- A: 4 1/8 x 4 1/2 for 1/2" Bolts
- B: 3 3/8 x 5 1/4 for 1/2" Bolts

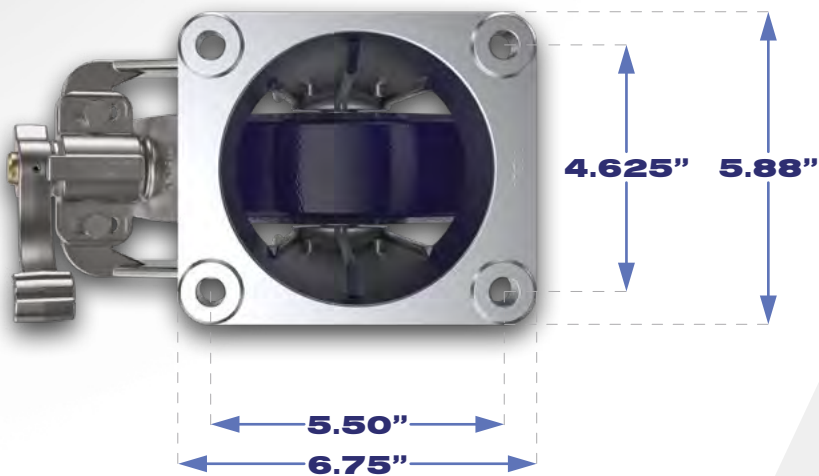


Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

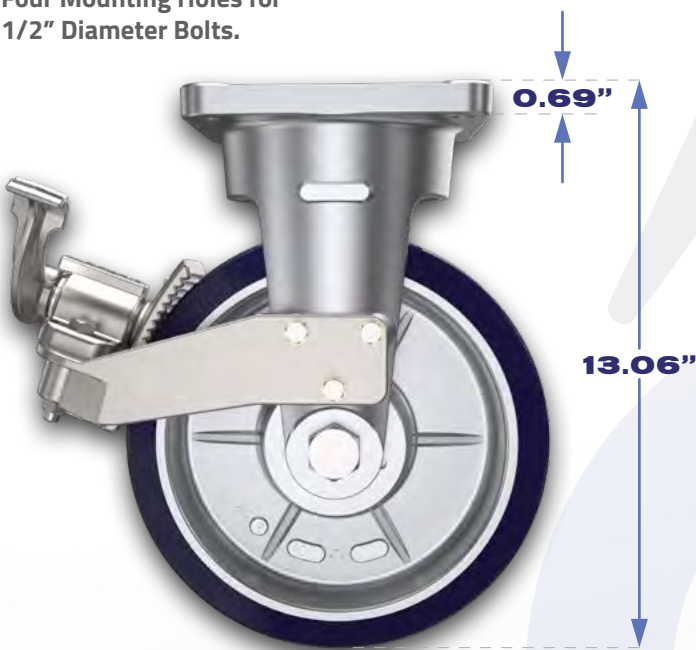
S10
SERIES

Swivel Caster and Wheel Assembly

R10
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



Brake Availability:

- 0 No Brake
- 1 Aluminum Pedal Foot Brake, Left Hand
- 2 Aluminum Pedal Foot Brake, Right Hand
- 3 Steel Pedal Foot Brake, Left Hand
- 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

R10-4-PN-10

- Rigid Caster
- 10" Size
- 10" Dia Pneumatic Wheel
- Steel Pedal Foot Brake, Left Hand

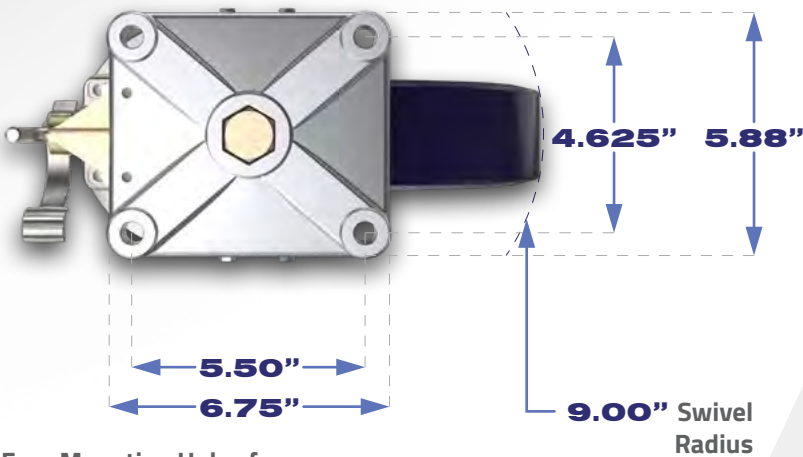
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER10	10" Aerol Wheel, Rubber Tread																				
EL10	10" Aerol Wheel, Aerolast Tread																				
SR10	10" Aerol Seal Wheel, Rubber Tread																				
SL10	10" Aerol Seal Wheel, Aerolast Tread																				
IR10	10" Airlite Wheel, Rubber Tread																				
IL10	10" Airlite Wheel, Aerolast Tread																				
PN10	10" Pneumatic Wheel																				
ZL10	10" Light Duty, Zero Pressure Wheel																				
ZM10	10" Medium Duty, Zero Pressure Wheel																				
ZH10	10" Heavy Duty, Zero Pressure Wheel																				

Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit www.Aerol.com or speak with a Technical Product manager, at 517-240-1438

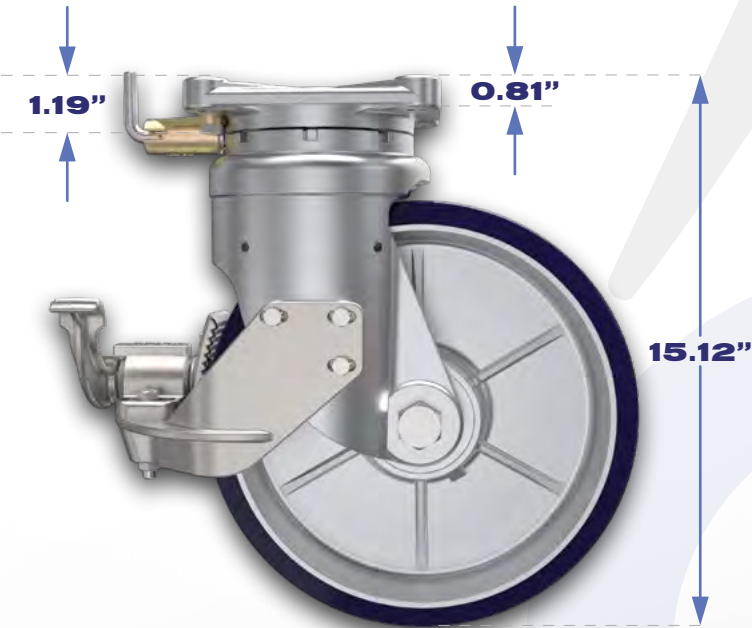
R10
SERIES

Swivel Caster and Wheel Assembly

S12
SERIES



Four Mounting Holes for 1/2" Diameter Bolts.



Swivel Lock Availability:

- 0 No Swivel Lock
- 1 "L" Handle Swivel Lock

Brake Availability:

- 0 No Brake
- 1 Aluminum Pedal Foot Brake, Left Hand
- 2 Aluminum Pedal Foot Brake, Right Hand
- 3 Steel Pedal Foot Brake, Left Hand
- 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

S12-1-3-SL12

- Swivel
Caster
12" Size
"L" Handle
Swivel Lock
- 12" Dia
Aerolast
Tread
Aerol Seal
Wheel
Steel Pedal
Foot Brake,
Left Hand

Optional Base Plate Bolt Patterns:

- A: 4 1/8 x 4 1/2 for 1/2" Bolts
B: 3 3/8 x 5 1/4 for 1/2" Bolts

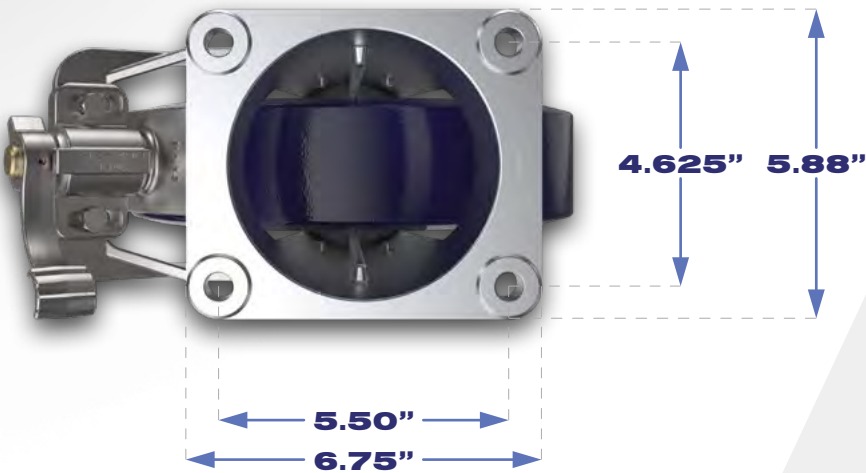
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER12	12" Aerol Wheel, Rubber Tread																				
EL12	12" Aerol Wheel, Aerolast Tread																				
SR12	12" Aerol Seal Wheel, Rubber Tread																				
SL12	12" Aerol Seal Wheel, Aerolast Tread																				
IR12	12" Airlite Wheel, Rubber Tread																				
IL12	12" Airlite Wheel, Aerolast Tread																				
ZL12	12" Light Duty, Zero Pressure Wheel																				
ZM12	12" Medium Duty, Zero Pressure Wheel																				
ZH12	12" Heavy Duty, Zero Pressure Wheel																				

Discover how Aerol can meet your challenges head-on with advanced mobility solutions. Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

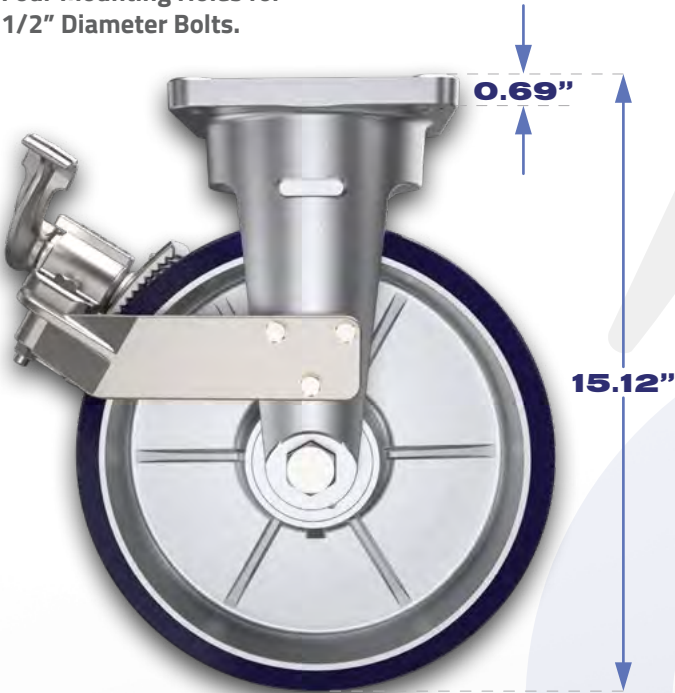
S12
SERIES

Rigid Caster and Wheel Assembly

R12
SERIES



Four Mounting Holes for 1/2" Diameter Bolts.



- Brake Availability:
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

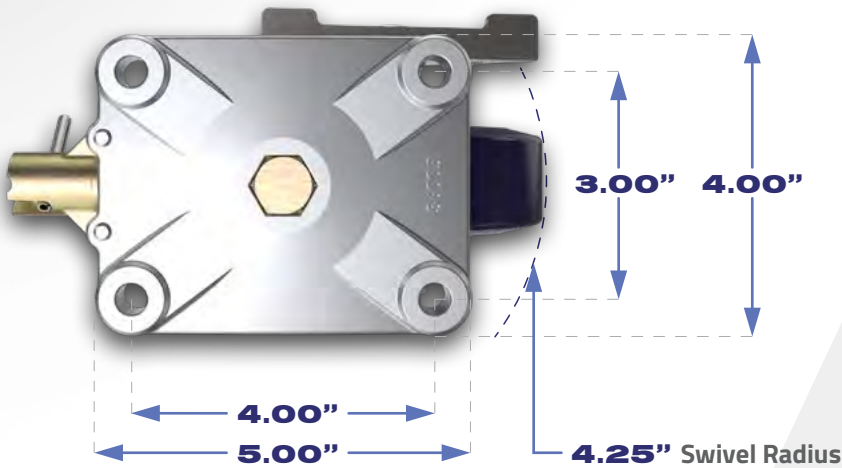
EXAMPLE:
R12-1-IR12

- Rigid Caster
- 12" Size
- Aluminum Pedal Foot Brake, Left Hand
- 12" Dia Rubber Tread Airlite Wheel

CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER12	12" Aerol Wheel, Rubber Tread																				
EL12	12" Aerol Wheel, Aerolast Tread																				
SR12	12" Aerol Seal Wheel, Rubber Tread																				
SL12	12" Aerol Seal Wheel, Aerolast Tread																				
IR12	12" Airlite Wheel, Rubber Tread																				
IL12	12" Airlite Wheel, Aerolast Tread																				
ZL12	12" Light Duty, Zero Pressure Wheel																				
ZM12	12" Medium Duty, Zero Pressure Wheel																				
ZH12	12" Heavy Duty, Zero Pressure Wheel																				

Heavy Duty Swivel Caster
and Wheel Assembly

SH5
SERIES



Four Mounting Holes for
3/8" Diameter Bolts.



Swivel Lock Availability:
-0 No Swivel Lock
-1 "L" Handle Swivel Lock

Brake Availability:
-0 No Brake
-5 Axle Brake, Left Hand*
-6 Axle Brake, Right Hand*

*With Airlite Wheels Only

EXAMPLE:
SH5-O-5-IL5

Swivel
Caster
Heavy Duty
5" Size
No Swivel Lock

5" Dia
Aerolast Tread
Airlite Wheel
Axle Brake,
Left Hand

		MAX CASTER LOAD RATING @ 5MPH																			
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER4	4" Aerol Wheel, Rubber Tread																				
EL4	4" Aerol Wheel, Aerolast Tread																				
IR4	4" Airlite Wheel, Rubber Tread																				
IL4	4" Airlite Wheel, Aerolast Tread																				
ER5	5" Aerol Wheel, Rubber Tread																				
EL5	5" Aerol Wheel, Aerolast Tread																				
SR5	5" Aerol Seal Wheel, Rubber Tread																				
SL5	5" Aerol Seal Wheel, Aerolast Tread																				
IR5	5" Airlite Wheel, Rubber Tread																				
IL5	5" Airlite Wheel, Aerolast Tread																				
PL4	4" Plastic Wheel																				
PL5	5" Plastic Wheel																				

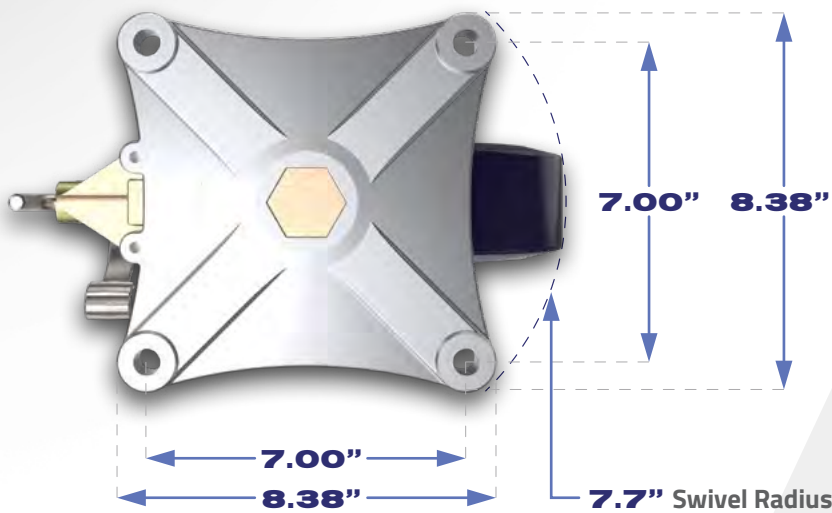
SH6 SERIES

[illegible]

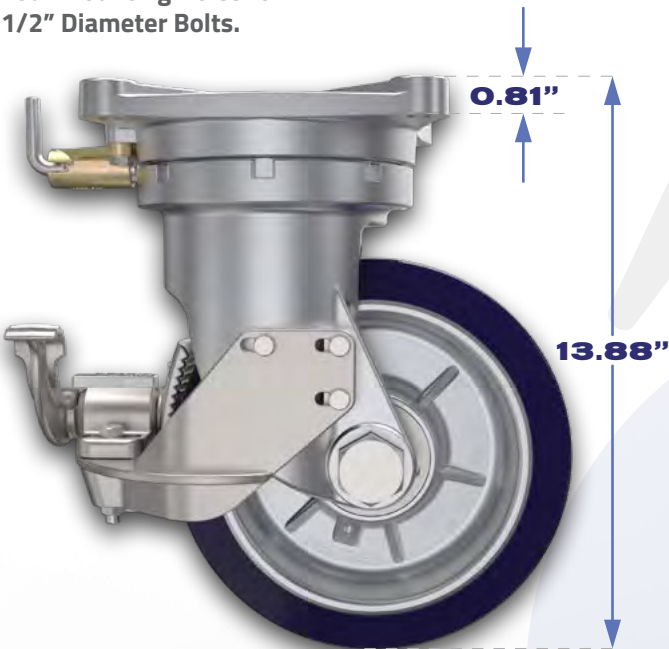
SH6 SERIES

Heavy Duty Swivel Caster
and Wheel Assembly

SH10
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



- Swivel Lock Availability:**
- 0 No Swivel Lock
 - 1 "L" Handle Swivel Lock
- Brake Availability:**
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

SH10-1-1-PL10

Swivel Caster
Heavy Duty
10" Size
"L" Handle
Swivel Lock

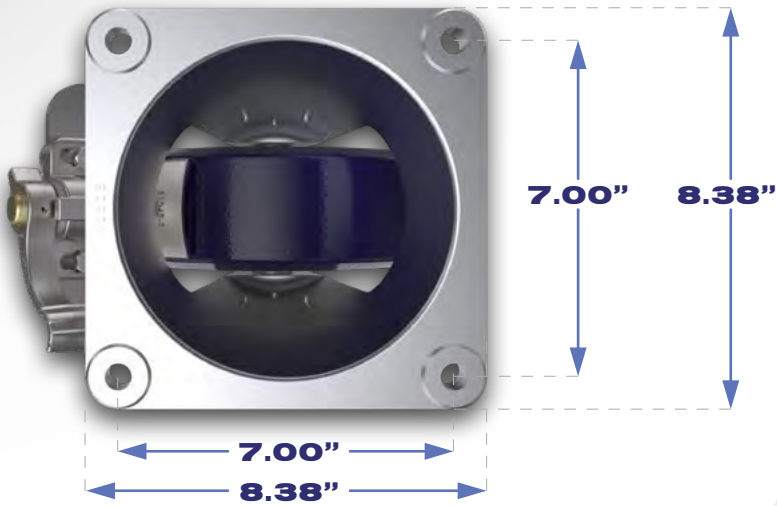
10" Dia
Plastic Wheel
Aluminum Pedal
Foot Brake,
Left Hand

- Optional Base Plate Bolt Patterns:**
- A: 4⁷/₈ x 6³/₄ for 5/8" Bolts
- B: 6¹/₂ x 8¹/₄ for 1/2" Bolts

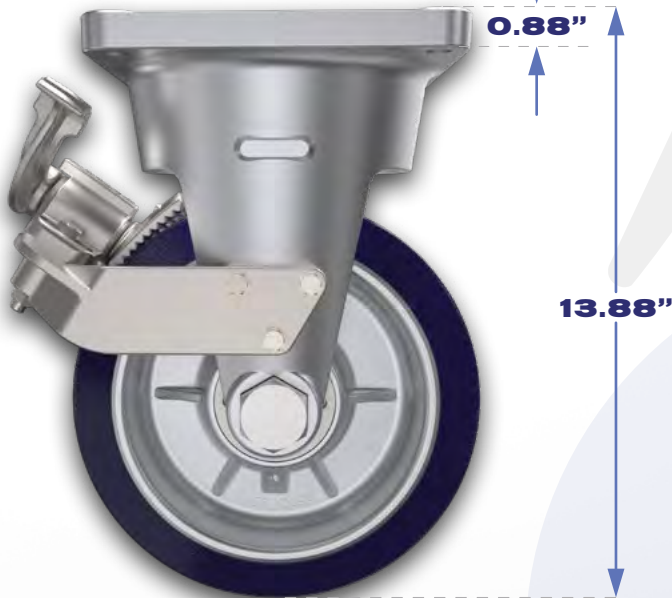
		MAX CASTER LOAD RATING @ 5MPH																			
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
HR10	10" Heavy Duty Aerol Seal Wheel, Rubber Tread																				
HL10	10" Heavy Duty Aerol Seal Wheel, Aerolast Tread																				
XR8.5	8.5" Extra Heavy Duty Wheel, Rubber Tread																				
XL8.5	8.5" Extra Heavy Duty Wheel, Aerolast Tread																				
XR10	10" Extra Heavy Duty Wheel, Rubber Tread																				
XL10	10" Extra Heavy Duty Wheel, Aerolast Tread																				
PN10.5	10.5" Pneumatic Wheel																				
VG8	8" "V" Groove Wheel																				
VG10	10" "V" Groove Wheel																				
PL10	10" Plastic Wheel																				
SW10	10" "55 Series Aerol Seal Wheel																				

Heavy Duty Rigid Caster
and Wheel Assembly

RH10
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.

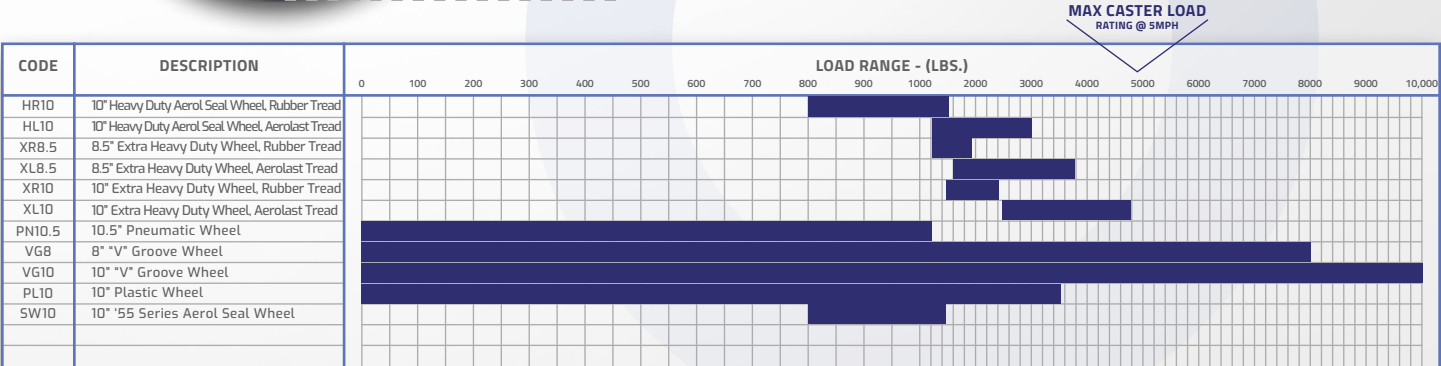


- Brake Availability:
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:
RH10-3-HL10

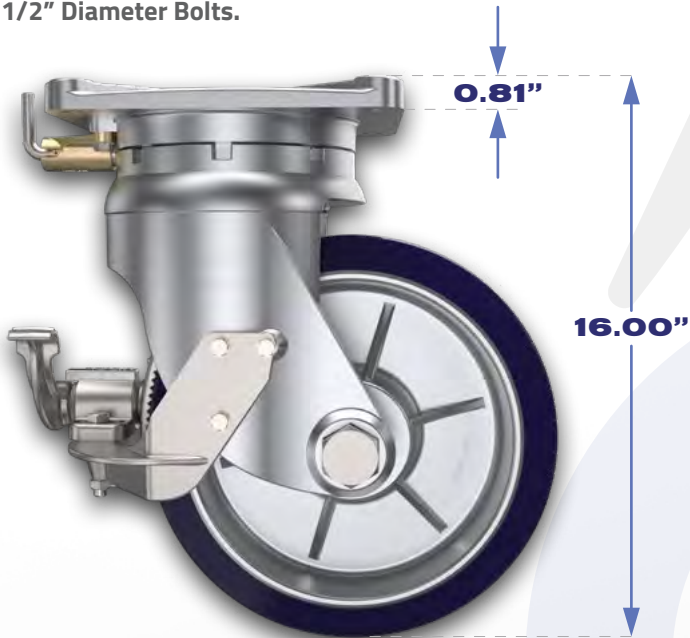
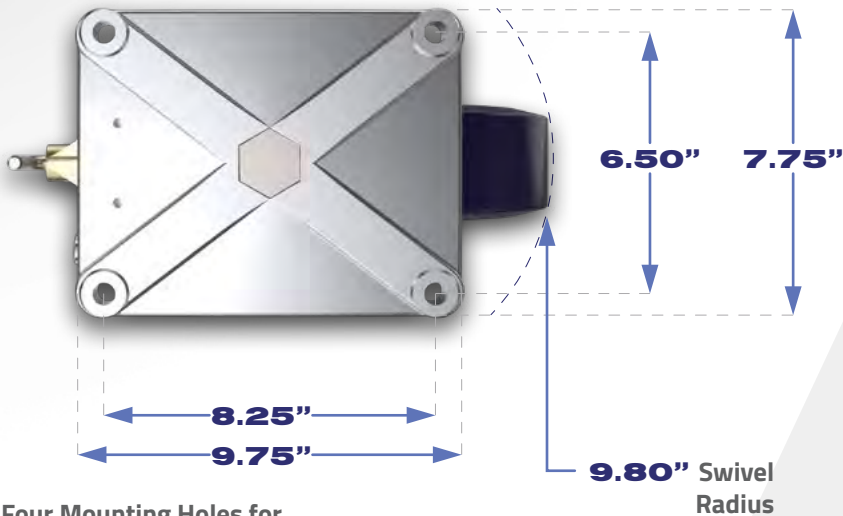
Rigid Caster
Heavy Duty
10" Size
Steel Pedal Foot
Brake, Left Hand

10" Dia
Aerolast Wheel
Heavy Duty Aerol
Seal Wheel



Heavy Duty Swivel Caster
and Wheel Assembly

SH12
SERIES



Swivel Lock Availability:

- 0 No Swivel Lock
- 1 "L" Handle Swivel Lock

Brake Availability:

- 0 No Brake
- 1 Aluminum Pedal Foot Brake, Left Hand
- 2 Aluminum Pedal Foot Brake, Right Hand
- 3 Steel Pedal Foot Brake, Left Hand
- 4 Steel Pedal Foot Brake, Right Hand

*Foot Brakes Available With 12" Wheels Only

EXAMPLE:

SH12-1-0-XR12

Swivel Caster
Heavy Duty
12" Size
"L" Handle
Swivel Lock

12" Dia
Rubber Wheel
Extra Heavy
Duty Wheel
No Brake

Optional Base Plate Bolt Patterns:

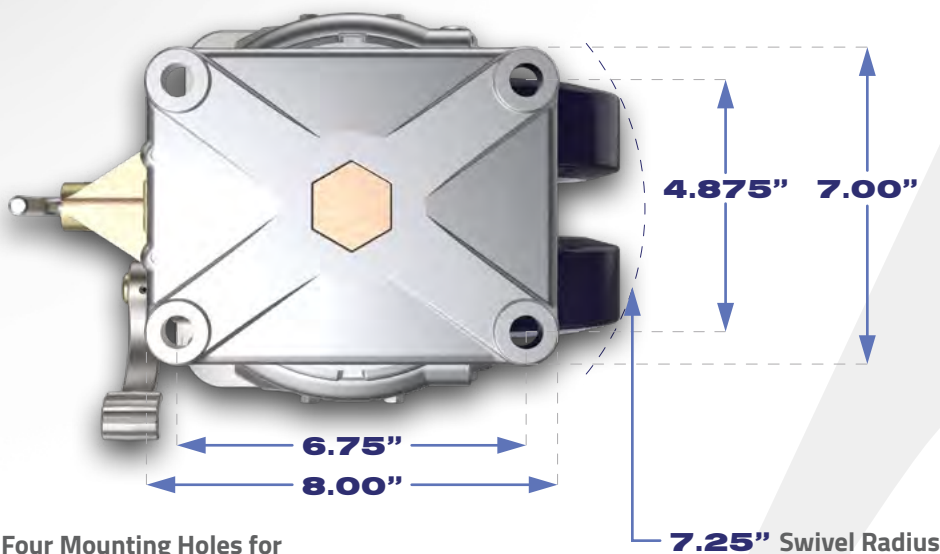
A: 4⁷/₈ x 6³/₄ for 5/8" Bolts

B: 7 x 7 for 1/2" Bolts

CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
HR12	12" Heavy Duty Aerol Seal Wheel, Rubber Tread																				
HL12	12" Heavy Duty Aerol Seal Wheel, Aerolast Tread																				
XR9.5	9.5" Extra Heavy Duty Wheel, Rubber Tread																				
XL9.5	9.5" Extra Heavy Duty Wheel, Aerolast Tread																				
XR10	10" Extra Heavy Duty Wheel, Rubber Tread																				
XL10	10" Extra Heavy Duty Wheel, Aerolast Tread																				
XR12	12" Extra Heavy Duty Wheel, Rubber Tread																				
XL12	12" Extra Heavy Duty Wheel, Aerolast Tread																				
VG12	12" "V" Groove Wheel																				

Heavy Duty, Dual Swivel Caster and Wheel Assembly

SDH8
SERIES



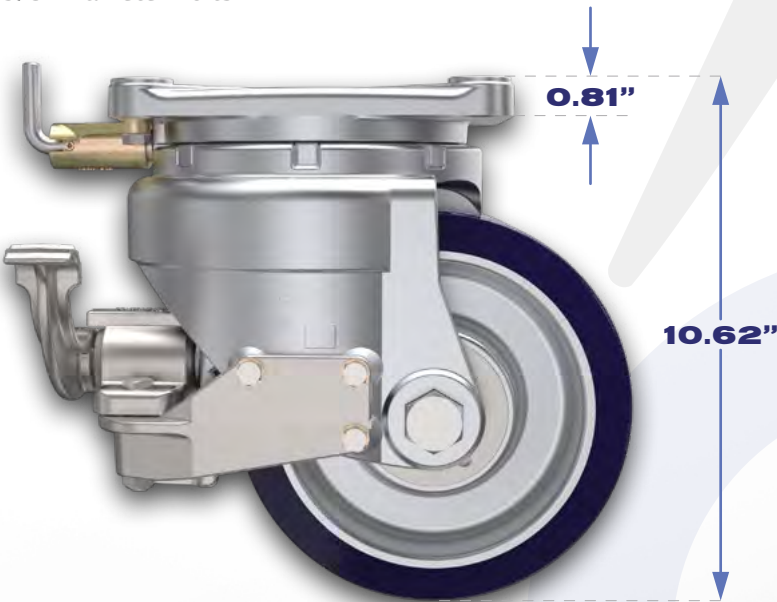
Four Mounting Holes for 5/8" Diameter Bolts.

Swivel Lock Availability:

- 0 No Swivel Lock
- 1 "L" Handle Swivel Lock

Brake Availability:

- 0 No Brake
- 1 Aluminum Pedal Foot Brake, Left Hand
- 2 Aluminum Pedal Foot Brake, Right Hand
- 3 Steel Pedal Foot Brake, Left Hand
- 4 Steel Pedal Foot Brake, Right Hand



EXAMPLE:

SDH8-1-0-PN8

- Swivel Caster
- Dual Wheel
- Heavy Duty
- 8" Size
- 8" Dia
- Pneumatic Wheel
- No Break
- "L" Handle Swivel Lock

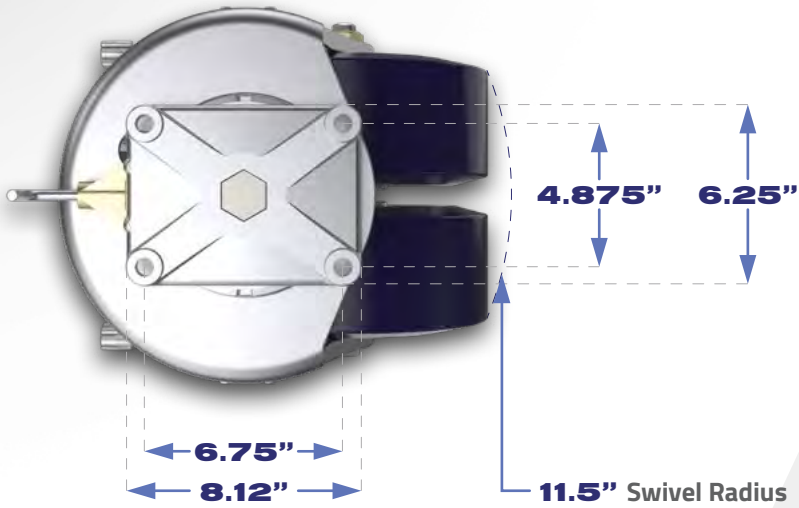
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																					
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000		
ER8	8" Aerol Wheel, Rubber Tread																						
EL8	8" Aerol Wheel, Aerolast Tread																						
SR8	8" Aerol Seal Wheel, Rubber Tread																						
SL8	8" Aerol Seal Wheel, Aerolast Tread																						
IR8	8" Airlite Wheel, Rubber Tread																						
IL8	8" Airlite Wheel, Aerolast Tread																						
PN8	8" Pneumatic Wheel																						
ZL8	8" Light Duty Zero Pressure Wheel																						
ZM8	8" Medium Duty Zero Pressure Wheel																						
ZH8	8" Heavy Duty Zero Pressure Wheel																						
PL8	8" Plastic Wheel																						
SW8	8" '55 Series Aerol Seal Wheel																						
*chart indicates load rating for ONE wheel																							

Discover how Aerol can meet your challenges head-on with advanced mobility solutions. Visit www.Aerol.com or speak with a Technical Product manager, at 517-240-1438

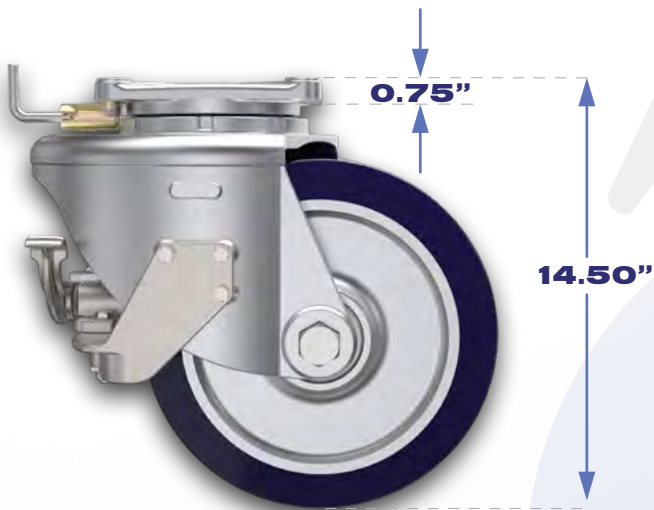
SDH8
SERIES

Heavy Duty, Dual Swivel Caster and Wheel Assembly

SDH12 SERIES



Four Mounting Holes for 5/8" Diameter Bolts.



Swivel Lock Availability:

- 0 No Swivel Lock
- 1 "L" Handle Swivel Lock

Brake Availability:

- 0 No Brake
- 1 Aluminum Pedal Foot Brake, Left Hand
- 2 Aluminum Pedal Foot Brake, Right Hand
- 3 Steel Pedal Foot Brake, Left Hand
- 4 Steel Pedal Foot Brake, Right Hand

For Two Brakes Use -12 or -34

EXAMPLE:

SDH12-1-34-XR12

Swivel Caster

Dual Wheel

Heavy Duty

12" Size

"L" Handle

Swivel Lock

12" Dia

Rubber Tread

Extra Heavy Duty Wheel

Left & Right Hand Steel Pedal Foot Brakes

[illegible]

Discover how Aerol can meet your challenges head-on with advanced mobility solutions. Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

SDH12 SERIES

SF8 SERIES



Aerol Supplemental Catalog Numbering System 3-1

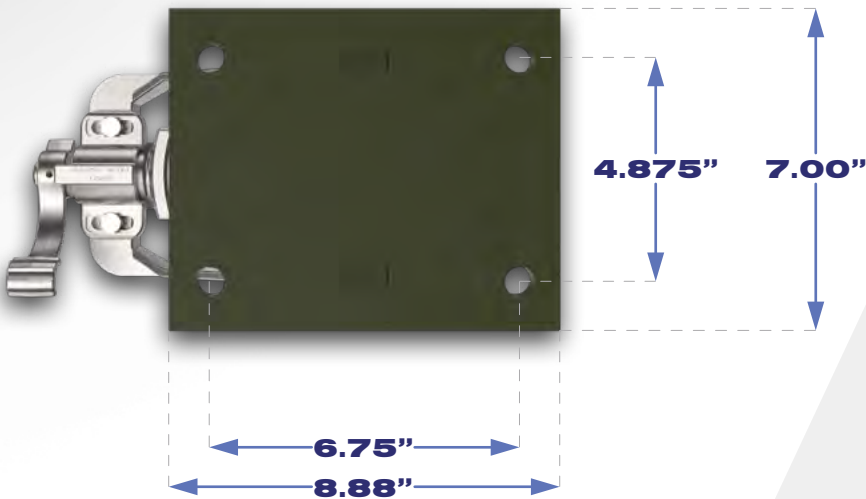
SF8 SERIES

RF8 SERIES

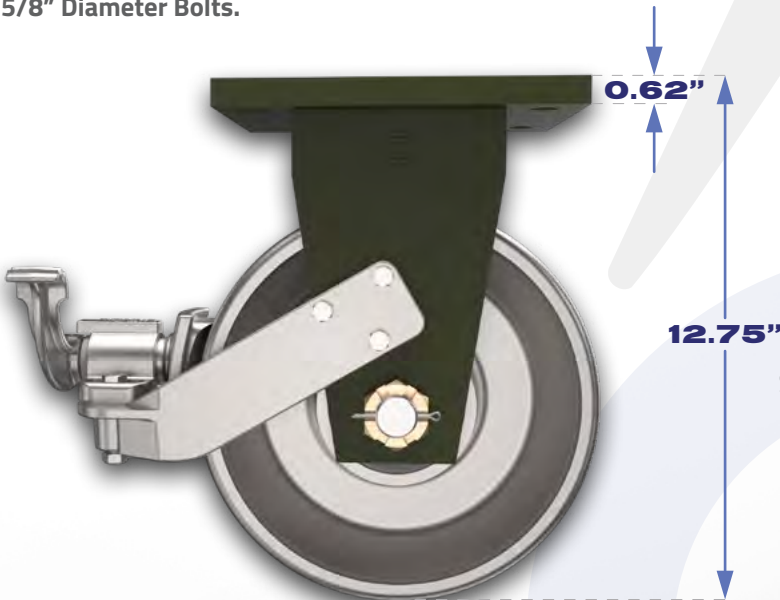


Steel Fabricated Rigid Caster
and Wheel Assembly

RF10
SERIES



Four Mounting Holes for
5/8" Diameter Bolts.

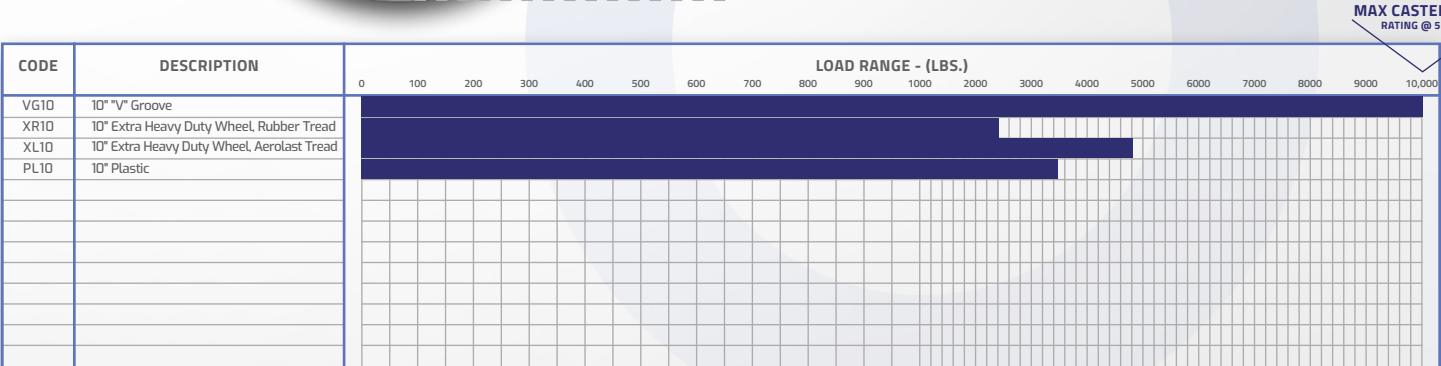


- Brake Availability: (Proposed)**
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:
RF10-O-VG10

Rigid Caster
Steel Fabricated
10" Size

10" Dia
"V" Groove Wheel
No Break



RF12 SERIES

RF12 SERIES

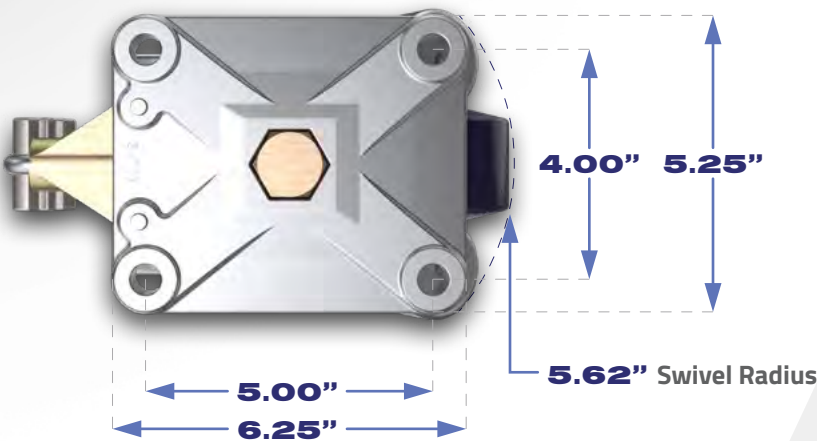
SDF12 SERIES



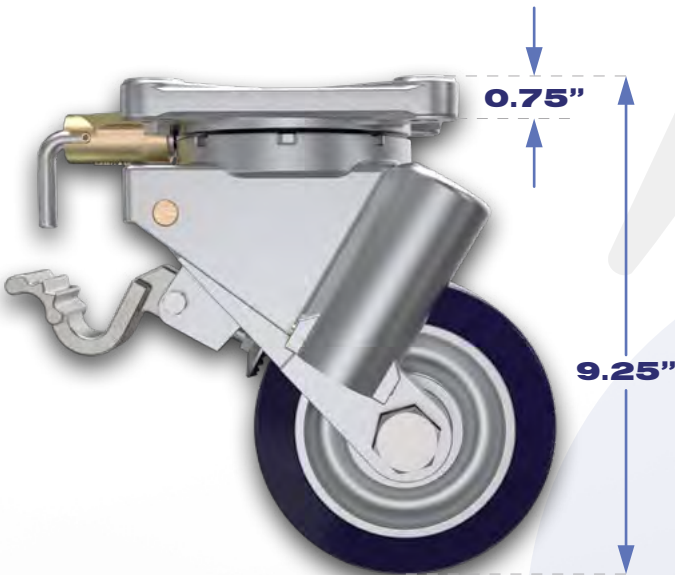
SDF12 SERIES

Shock Absorbing Swivel Caster and Wheel Assembly

SS6
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.

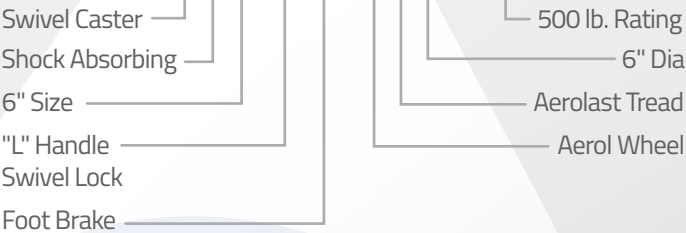


Swivel Lock Availability:
-0 No Swivel Lock
-1 "L" Handle Swivel Lock

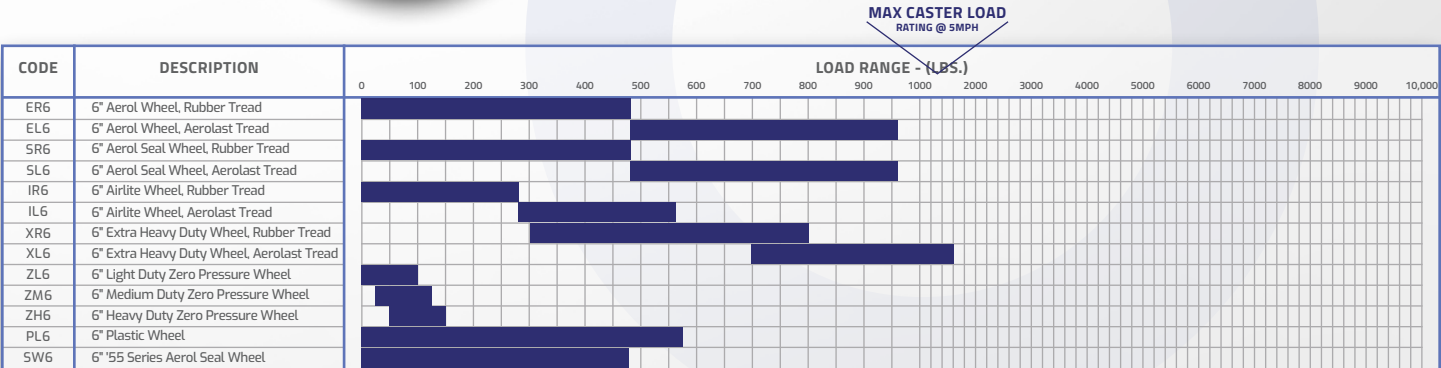
Brake Availability:
-0 No Brake
-7 Foot Brake

EXAMPLE:

SS6-1-7-EL6-500



Load Rating Availability
Dash Number Indicates load rating to
nearest 50 lbs.

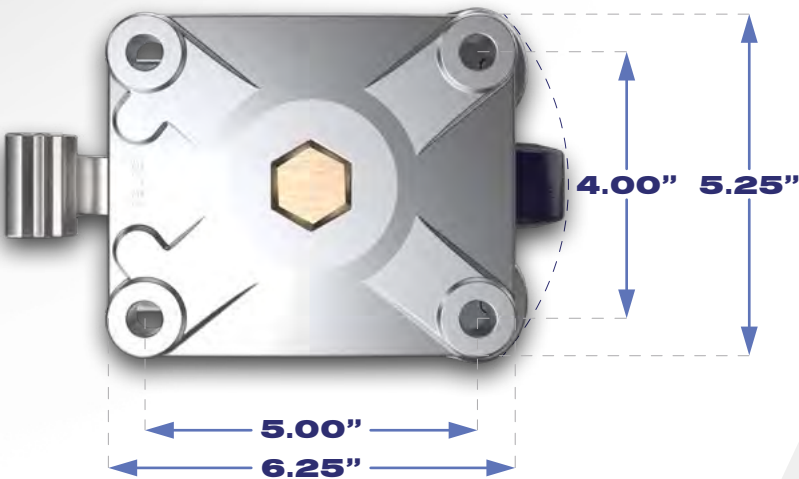


Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit www.Aerol.com or speak with a Technical Product manager, at 517-240-1438

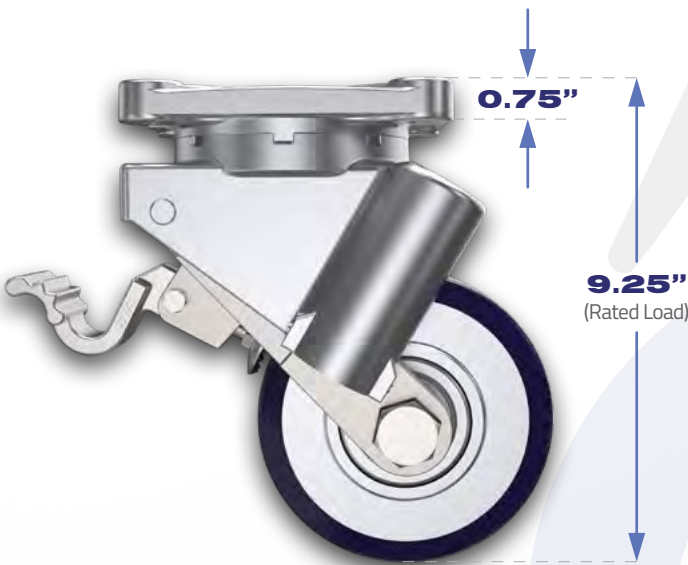
SS6
SERIES

Shock Absorbing Rigid Caster and Wheel Assembly

RS6
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



Brake Availability:

- 0 No Brake
- 7 Foot Brake

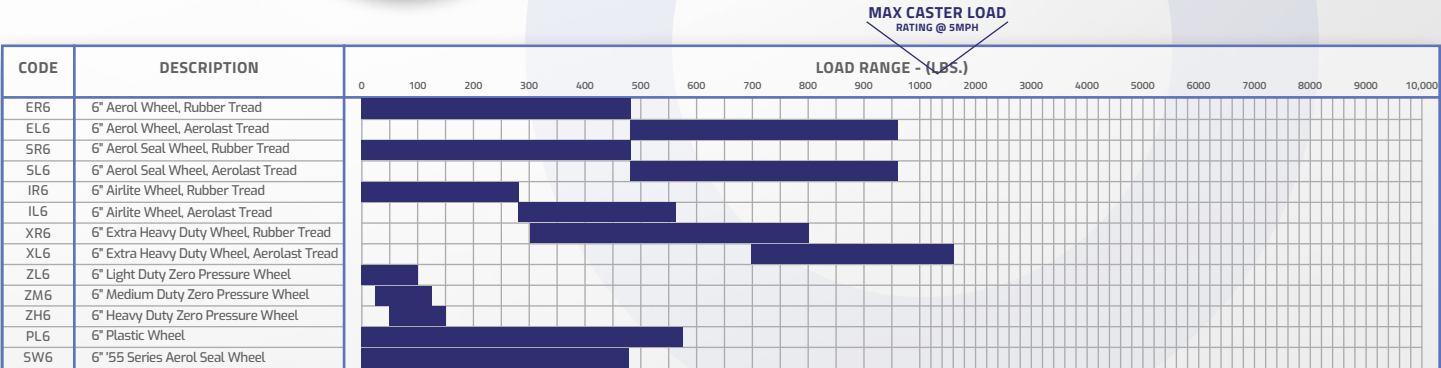
EXAMPLE:

RS6-7-SR6-400

- Rigid Caster
- Shock Absorbing
- 6" Size
- Foot Brake
- 400 lb. Rating
- 6" Dia
- Rubber Tread
- Aerol Seal Wheel

Load Rating Availability

Dash Number Indicates load rating to
nearest 50 lbs.

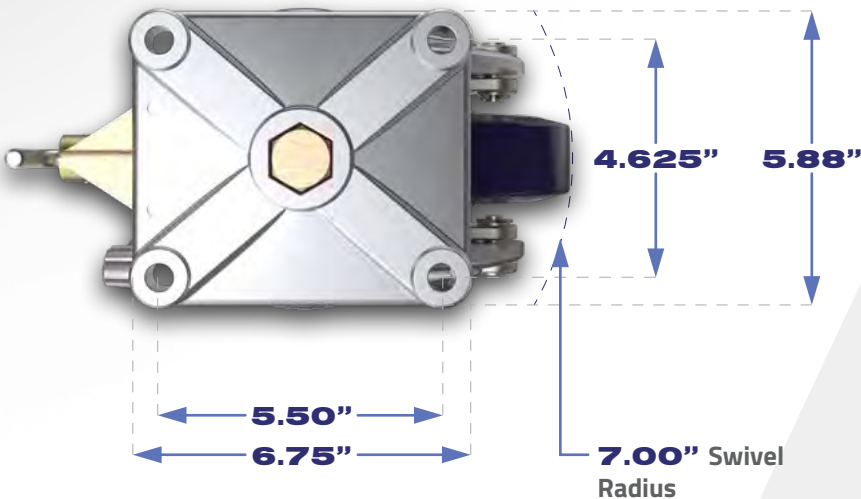


Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit www.Aerol.com or speak with a Technical Product manager, at 517-240-1438

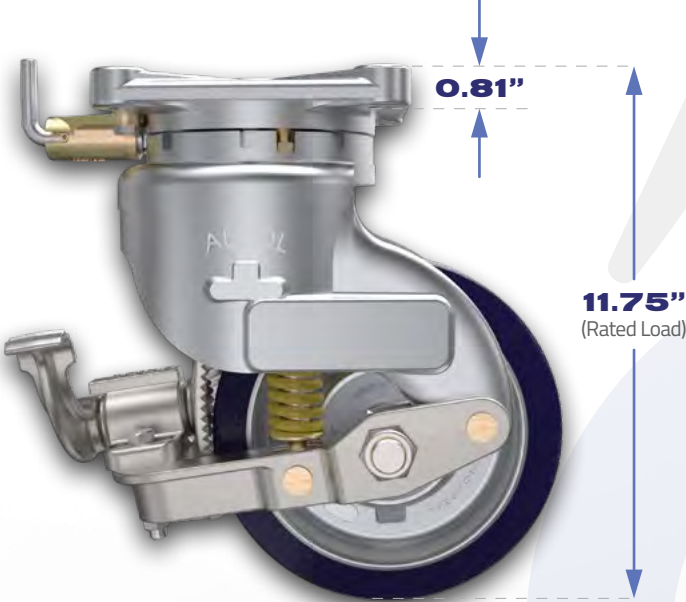
RS6
SERIES

Shock Absorbing Swivel Caster and Wheel Assembly

SS8
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



Swivel Lock Availability:

- 0 No Swivel Lock
- 1 "L" Handle Swivel Lock

Brake Availability:

- 0 No Brake
- 1 Aluminum Pedal Foot Brake, Left Hand
- 2 Aluminum Pedal Foot Brake, Right Hand
- 3 Steel Pedal Foot Brake, Left Hand
- 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

SS8-0-3-PN8-300



Load Rating Availability

Dash Number Indicates load rating to nearest 50 lbs.

Optional Base Plate Bolt Patterns:

- A: 4 1/8 x 6 1/2 for 1/2" Bolts
- B: 3 3/8 x 5 1/4 for 1/2" Bolts

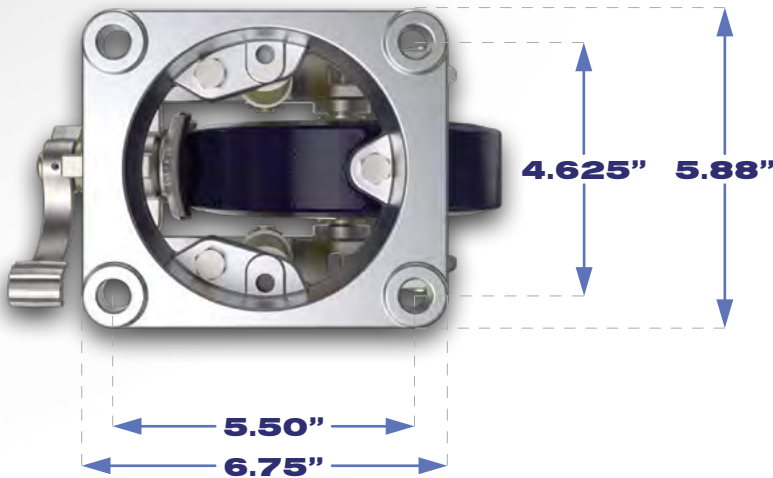
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER8	8" Aerol Wheel, Rubber Tread																				
EL8	8" Aerol Wheel, Aerolast Tread																				
SR8	8" Aerol Seal Wheel, Rubber Tread																				
SL8	8" Aerol Seal Wheel, Aerolast Tread																				
IR8	8" Airlite Wheel, Rubber Tread																				
IL8	8" Airlite Wheel, Aerolast Tread																				
PN8	8" Pneumatic Wheel																				
ZL8	8" Light Duty Zero Pressure Wheel																				
ZM8	8" Medium Duty Zero Pressure Wheel																				
ZH8	8" Heavy Duty Zero Pressure Wheel																				
PL8	8" Plastic Wheel																				
SW8	8" 55 Series Aerol Seal Wheel																				

Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit www.Aerol.com or speak with a Technical Product manager, at 517-240-1438

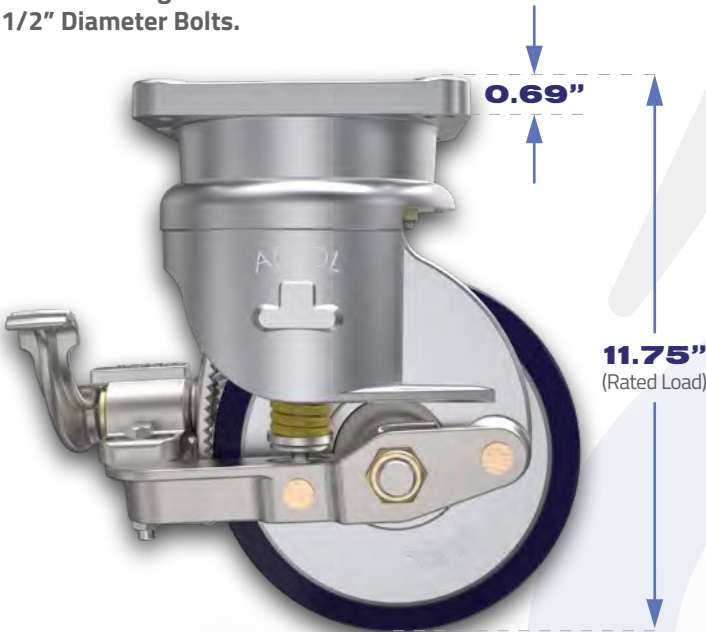
SS8
SERIES

Shock Absorbing Rigid Caster and Wheel Assembly

RS8
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



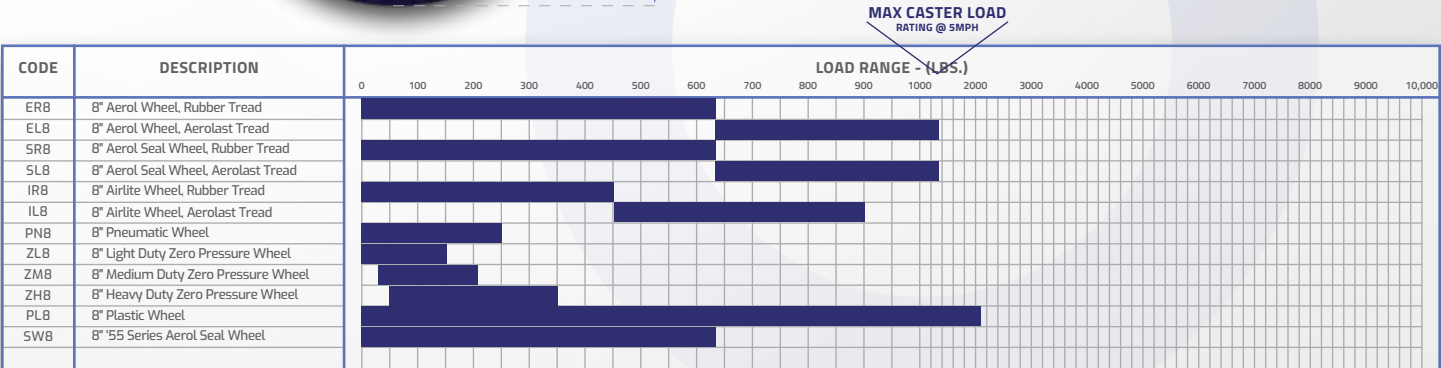
- Brake Availability:**
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

RS8-0-ER8-400

- Rigid Caster
- Shock Absorbing
- 8" Size
- No Brake
- 400 lb. Rating
- 8" Dia
- Rubber Tread
- Aerol Wheel

Load Rating Availability
Dash Number Indicates load rating to
nearest 50 lbs.

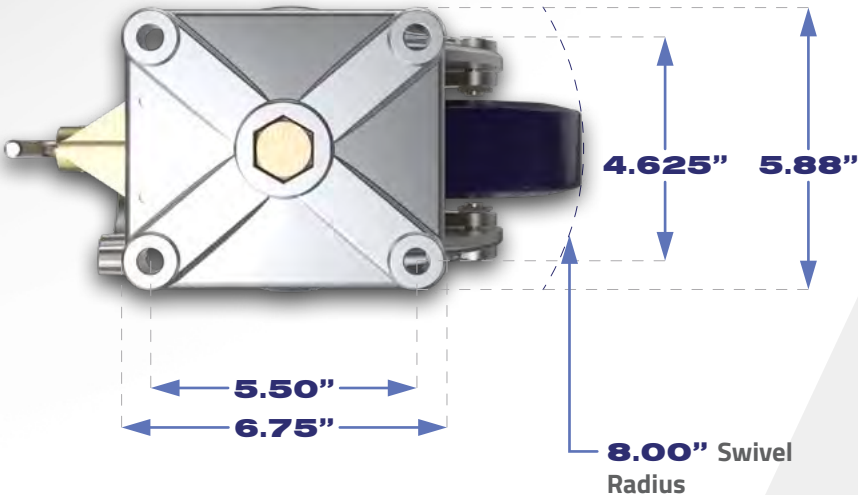


Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

RS8
SERIES

Shock Absorbing Swivel Caster and Wheel Assembly

**SS10
SERIES**



Four Mounting Holes for
1/2" Diameter Bolts.



Swivel Lock Availability:

- 0 No Swivel Lock
- 1 "L" Handle Swivel Lock

Brake Availability:

- 0 No Brake
- 1 Aluminum Pedal Foot Brake, Left Hand
- 2 Aluminum Pedal Foot Brake, Right Hand
- 3 Steel Pedal Foot Brake, Left Hand
- 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

SS10-1-2-ZH10-200

- Swivel Caster
- Shock Absorbing
- 10" Size
- "L" Handle Swivel Lock
- 200 lb. Rating
- 10" Dia
- Heavy Duty
- Zero Pressure Tire
- Aluminum Handle, Right Hand Foot Brake

Optional Base Plate Bolt Patterns:

- A: 4 $\frac{1}{8}$ x 6 $\frac{1}{2}$ for $\frac{1}{2}$ " Bolts
- B: 3 $\frac{3}{8}$ x 5 $\frac{1}{4}$ for $\frac{1}{2}$ " Bolts

Load Rating Availability

Dash Number Indicates load rating to nearest 50 lbs.

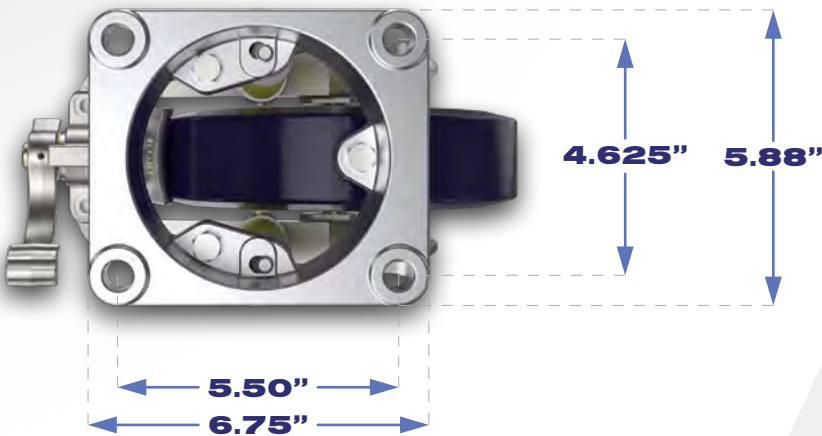
CODE	DESCRIPTION	LOAD RANGE - (LBS.)																			
		0	100	200	300	400	500	600	700	800	900	1000	2000	3000	4000	5000	6000	7000	8000	9000	10,000
ER10	10" Aerol Wheel, Rubber Tread																				
EL10	10" Aerol Wheel, Aerolast Tread																				
SR10	10" Aerol Seal Wheel, Rubber Tread																				
SL10	10" Aerol Seal Wheel, Aerolast Tread																				
IR10	10" Airlite Wheel, Rubber Tread																				
IL10	10" Airlite Wheel, Aerolast Tread																				
PN10	10" Pneumatic Wheel																				
ZL10	10" Light Duty Zero Pressure Wheel																				
ZM10	10" Medium Duty Zero Pressure Wheel																				
ZH10	10" Heavy Duty Zero Pressure Wheel																				

Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

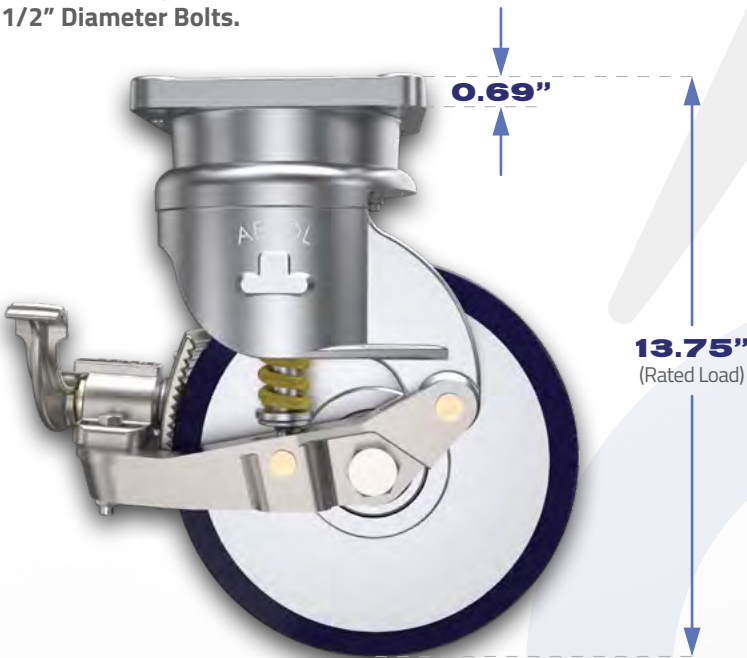
**SS10
SERIES**

Shock Absorbing Rigid Caster and Wheel Assembly

**RSH10
SERIES**



Four Mounting Holes for
1/2" Diameter Bolts.



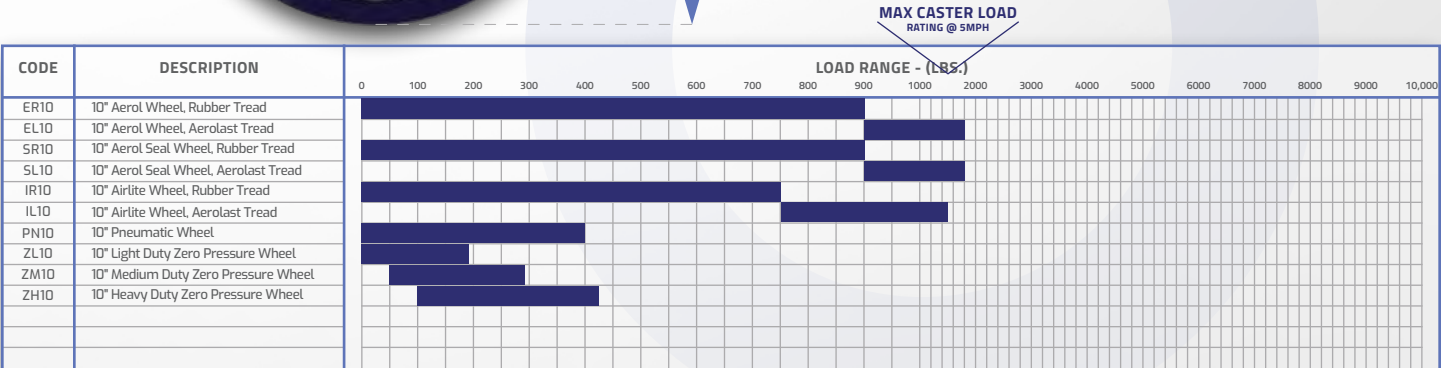
- Brake Availability:**
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

RS10-1PN10-200

- Rigid Caster
- Shock Absorbing
- 10" Size
- 200 lb. Rating
- 10" Dia
- Pneumatic Wheel
- Aluminum Handle, Left Hand Foot Brake

Load Rating Availability
Dash Number Indicates load rating to nearest 50 lbs.



Discover how Aerol can meet your challenges head-on with advanced mobility solutions.
Visit [www. Aerol.com](http://www.Aerol.com) or speak with a Technical Product manager, at 517-240-1438

**RSH10
SERIES**

SSH10 SERIES



RSH10 SERIES

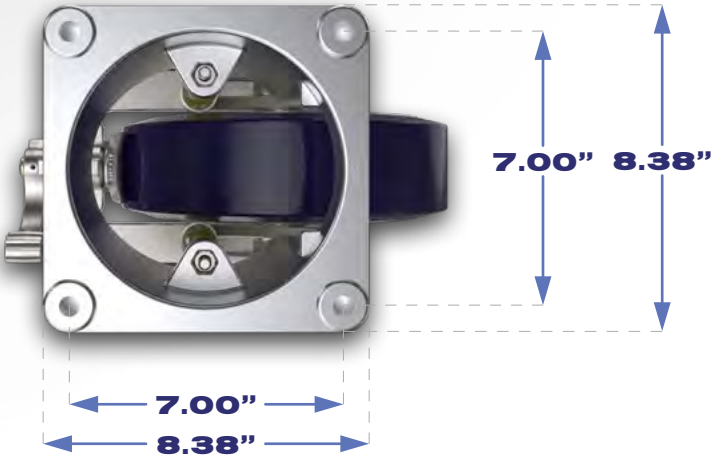


SSH12 SERIES

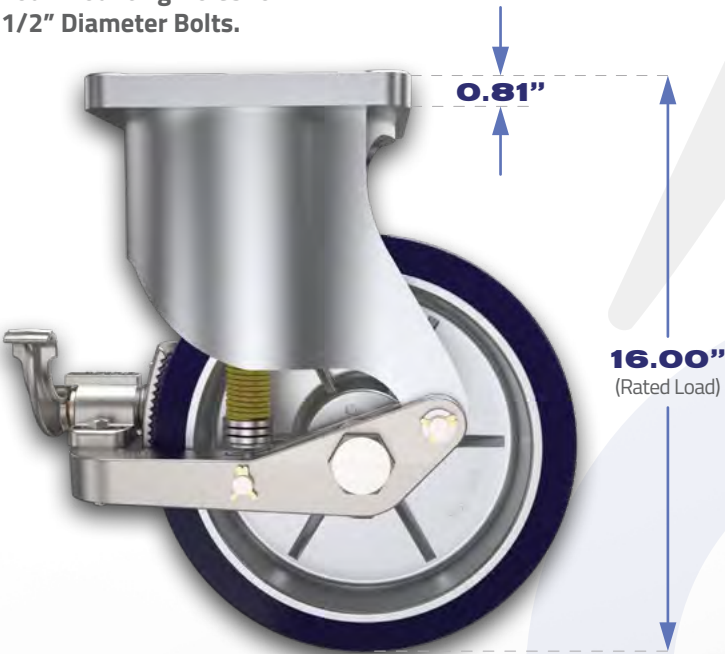


Heavy Duty Shock Absorbing Rigid Caster and Wheel Assembly

RSH12
SERIES



Four Mounting Holes for
1/2" Diameter Bolts.



- Brake Availability:**
- 0 No Brake
 - 1 Aluminum Pedal Foot Brake, Left Hand
 - 2 Aluminum Pedal Foot Brake, Right Hand
 - 3 Steel Pedal Foot Brake, Left Hand
 - 4 Steel Pedal Foot Brake, Right Hand

EXAMPLE:

RSH12-3-HR12-800

Rigid Caster

Shock Absorbing

Heavy Duty

12" Size

800 lb. Rating

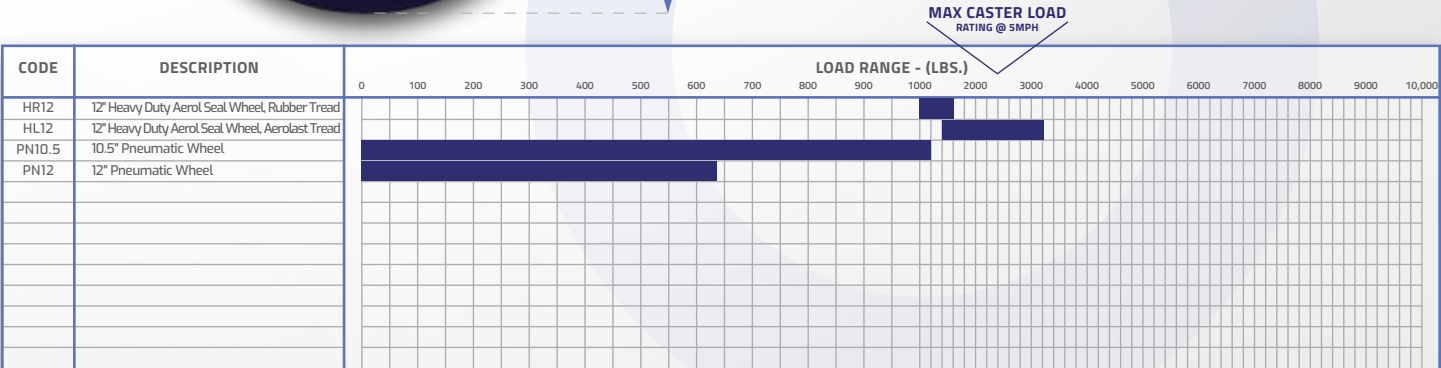
12" Dia

Aerolast Tread

Heavy Duty,
Aerol Seal Wheel

Steel Pedal,
Left Hand Foot Brake

Load Rating Availability
Dash Number Indicates load rating to
nearest 50 lbs.



SDSH12 SERIES



AEROL



CUSTOM-ENGINEERED SOLUTIONS FOR COMPLEX CHALLENGES



Providing tailored material handling solutions addressing the unique challenges faced in industries like aerospace and defense to improve efficiency and reduce downtime.

100% ON TIME DELIVERY

Fully manufactured in-house, Aerol is committed to meeting our promised turnaround date for every project.



A Division of Caster Concepts

www.aerol.com | 517.418.7903 | 16000 W Michigan Ave. Albion, MI 49224

Aerol is a Division of Caster Concepts | version 2.0