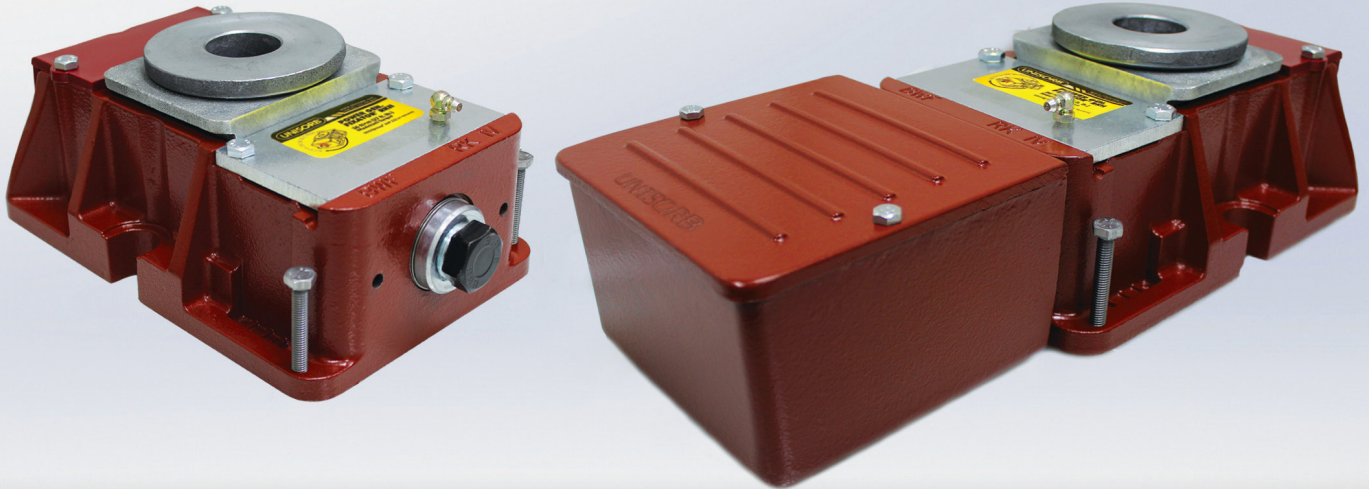
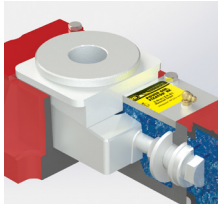


UNISORB RK Fixator Weather-Guarded™

Precision anchoring and alignment

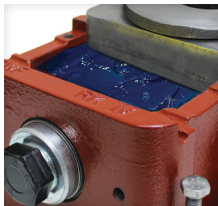


The RK Fixator specified with the **Weather-Guarded™** “Option wg” package will include all of the following items:



Option zn, Zinc Plating

Prior to painting, all components undergo an electroplating process bonding zinc and zinc alloy clad coating to all surfaces of cast iron and steel components. This plating process meets *DIN Specification Number 50979:2008-07*. The combination of zinc plating and automotive grade paint will significantly extend service life from the elements that would corrode a standard unit.



Option cp, Corrosion Protection

During preparation at the factory, Fixators have extra high performance lithium complex grease applied during assembly to internal cavities. The grease will displace air within the Fixator, providing resistance to water intrusion; this is key to surviving outdoor weather installations. Fixators are partially filled during factory assembly to keep grease from erupting during maximum wedge movements. Order “Option zk” Zerk Fitting so grease can be introduced to completely fill the Fixator.



Option zk, Zerk Fitting

A zerk grease fitting is installed in the Fixator front cover in a threaded hole near the front corner of the Fixator. This zerk is located for easy access under the machine. Periodic grease reloading is recommended.

NOTE: Zerk and front covers are available for existing installations. Please request “Option zk” while specifying the proper RK Fixator size for your application. **WARNING:** Never remove front cover while under load! The front cover with zerk can be easily retrofitted to existing installed Fixators when they are not under load.

Prepared for the elements.

The effects of weather on an installation can have impact on untreated Fixators. Water infiltration can cause damage to Fixators in a couple of ways. The cast iron components although very robust are subject to corrosion in such conditions which may render the expectations for routine function to be less than rated. In climates where freezing temperatures are normal, fluctuations will cause cyclical freeze/thaw that can be detrimental to untreated Fixators. The possibility for water freezing within the Fixator can be significantly reduced with the Weather-Guarded™ Fixator.

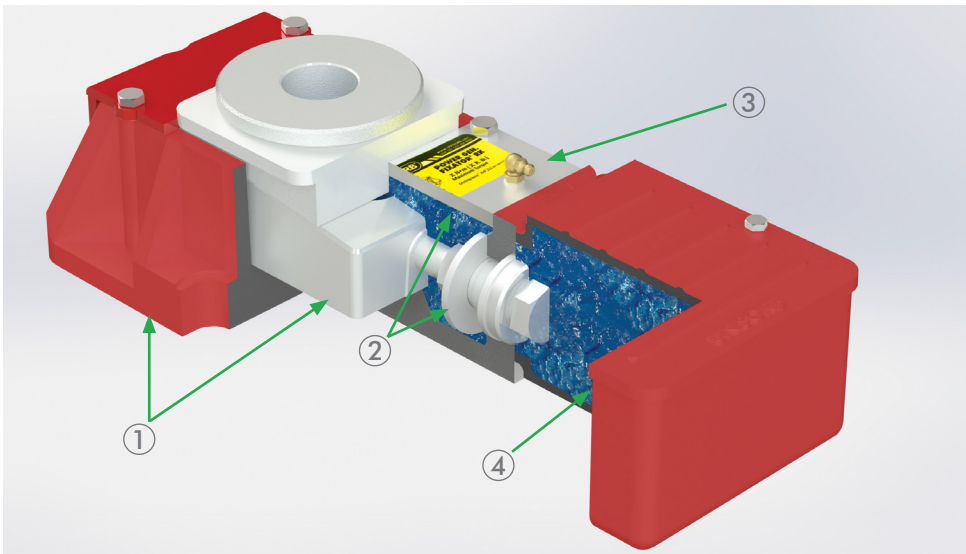
Fixators with the Weather-Guarded™ package will include the following RK Fixator options: “Option zn” Zinc Plated Fixator, “Option cp” Corrosion Protection, “Option zk” Zerk Fitting mounted on front cover. This package will provide additional protection against issues that may be caused by corrosion and the expansion of water through freeze/thaw cycles. The Fixator with the Weather-Guarded™ package can be specified by designating the “Option wg”. See Weather Guarded section below.

RK Fixator Technical Specifications – See Fixator data sheet SB-0023-5 for complete details.

	DIM.	RKI	RKII	RKIII	RKIV	RKV	RKVI
Maximum allowable lifting load per Fixator	lbs.	20,000	26,500	53,500	80,500	157,000	269,500
Spring constant	lb./in.	11,420,000	25,695,000	45,681,000	57,101,000	79,942,000	102,782,000
Vertical adjustment per revolution of height adjusting screw	in.	0.010	0.010	0.012	0.014	0.017	0.020
Maximum vertical adjustment	in.	0.20	0.20	0.24	0.32*	0.40	0.51
Approximate torque required to turn adjusting screw	ft. lb./1000 lbs. load	1.0	1.0	1.3	1.5	1.8	2.3
Maximum allowable torque on adjusting screw	ft. lb.	20	27	71	118	284	516
Weight of basic unit	lbs.	8.8	12.1	25.3	46.2	92.4	154.3

*0.24 with 2" dia. bolt.

“Option wg”, Weather-Guarded™ Package



- ① **Option zn, Zinc Coating**
Applied to all surfaces, inside and out.
- ② **Option cp, Corrosion Protection**
Grease applied to coat insides of Fixator.
- ③ **Option zk, Zerk Fitting**
Used to fill the Fixator with grease and conduct maintenance.
- ④ **Option mbz, Adjustment Bolt Enclosure, Oversize, Zinc Plated**
Optional, for outdoor applications. Shown filled with grease.

Unisorb “Option zn” History

The RK Fixators with the “Option zn” Zinc Plating have been in use for over two decades in extreme wet applications. These applications include water and water based coolants. Installations have been exposed to wet and dry conditions during their entire service life to date. Fixators have continued to perform as expected according to published data, allowing routine adjustments as needed.



INSTALLATION SOLUTIONS

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