

## Roller Shade Basics - Clutch Systems Overview

Question	Answer
May 15, 2020	
<p>Could you let us know from your personal experience, when do you select the S series over the R series?</p>	<p>In my experience I prefer Skyline. The symmetrical brackets make assembly planning and installation much easier. Moreover Skyline has a much broader offering and more colors than R-Series. It also goes with more systems like our ES Ultra Cordless system and our new P95 Semi Cassette. When you get that "problematic" window you're more likely to find a solution in the Skyline offering than with the R-Series.</p>
<p>How about the S45 over the R series?</p>	<p>The S45 system is better suited to higher end residential. It has a sleek and consistent appearance as it only uses one sized clutch. Lifting capacity and pull force are controlled through spring boosters. All that makes the system cost more, but it does make for a sleeker and smoother system. Note that the S45 system does require 45mm tube and will not work with standard 1.25" or 1.5" tube.</p>
<p>Will you have a presentation on roller blinds fabrication instructions?</p>	<p>We will, soon. not scheduled yet</p>
<p>Do you think different pipe material (steel over aluminum) would make a difference with the pull force?</p>	<p>It should make little difference unless it makes the outside diameter of the tube bigger. Larger tubes increase pull force.</p>
<p>Can we have this excel table in metrics instead of inches?</p>	<p>Yes. There is a drop down on the Shade Calculator that converts it to metric</p>
<p>Can we access this PDF and download it?</p>	<p>A recording of this presentation will be available for future viewing in our GoTo Stage channel at <a href="http://www.gotostage.com/channel/rolleseeacmeda">www.gotostage.com/channel/rolleseeacmeda</a> and all product support documents are available for download in our web page at <a href="http://www.rolleseeacmeda.com">www.rolleseeacmeda.com</a></p>
<p>R series show endcaps in the drawing. But is that available for any other clutch beside the R8?</p>	<p>In the R-Series, bracket covers are available only for the RB360 brackets which work with R8 clutches only. There are no bracket covers for the brackets that work with R16 and R24 brackets (i.e the RB560 and RB580 brackets)</p>
<p>Skyline and R series are fairly equivalent in cost right? Sometimes we see R series in specs but would like to recommend Skyline. Is that just customer preference or is R series better sometimes?</p>	<p>Based on List pricing Skyline components are approximately 10% more expensive. Tubes and chains would be the same price which means the systems are pretty close in cost. With R Series being in the field for so many years they may appear in specifications. Most customers should gladly accept Skyline as an alternate.</p>

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How can I get those tube deflection charts?	Hi Tom, this presentation will be available for you to review in a day or so, we'll send you a link to it. You can also reach out to your Sales Manager and they can get copies for you.
Only roller shades get easier to pull up the higher they go. Not true when using this system for roman shades which most of customers use them for.	That is correct. Roller shades are at their "heaviest" when they are at the bottom and get easier to lift as they go up. Roman shades are the opposite. They get heavier to lift as the shade goes up. This is true no matter what system one uses.
So the R series does not work with 1 1/2" tubes?	Yes, it does... it was missed in the slide. thank you for pointing that out.
When will you cover the new top down bottom up system?	Additional webinars are being planned and scheduled. We will send email communication announcing new topics soon
June 23, 2020	
What is the max deflection you consider in a roller tube?	We recommend that the maximum allowable deflection be no more than than 0.3% of the width of the shade
Using the Rollease calculation, 120x120 3000 net 3% shows 6.5 mm deflection. Is it correct?	Yes. See calculation below 2" tube .256" = 6.5 mm 3048 mm 3048 mm = 120"