

Mechanical Comparison Chart

The Mechanical Chart compares the mechanical specifications of all standard UNIBLITZ type shutters. This includes bounce and max frequency of operation. Be advised, all UNIBLITZ shutters are properly lubricated prior to shipment. Subsequent or additional lubrication provided by the user will render the shutter inoperable and un-repairable.

Nomenclature specific to UNIBLITZ shutters may be used throughout these sheets, notably Opening Bounce and Closing Bounce. The amount of "Bounce" specified is the maximum allowed for a Vincent, UNIBLITZ shutter. Opening Bounce is the maximum amount the blades will come back into the aperture when they have traveled to full open. Closing Bounce is the maximum amount the blades will open after the shutter has returned to the closed position. The amount specified is a percentage of the specific aperture diameter.

Customers, who require additional information than indicated in the charts, please contact one of our technical representatives.

SERIES	WEIGHT UNCASSED	WEIGHT CASSED	OPERATING TEMP DEGREES	MAX. OPENING BOUNCE	MAX. CLOSING BOUNCE	MAX. FREQUENCY OF OPERATION (CONT/BURST) ⁴	NUMBER SHUTTER BLADES
CS25	1.28 oz.	3.16 oz.	0-80°C	15%	5%	5 Hz/30 Hz	5
CS35	1.64 oz.	6.70 oz.	0-80°C	15%	5%	5 Hz/30 Hz	5
CS45	3.17 oz.	9.15 oz.	0-80°C	15%	5%	2.5 Hz/15 Hz	5
CS65	4.0 oz.	13.2 oz.	0-80°C	15%	5%	2 Hz/5 Hz	6
CS90HS	11.4 oz.	24.10 oz.	0-80°C	15%	5%	1 Hz/3 Hz	6
DSS10	4.9g	N/A	-10°C to +65°C	15%	5%	10 Hz/20 Hz	4
DSS20	15.5g	N/A	-10°C to +65°C	15%	5%	5 Hz/15 Hz	4
DSS25	20.7g	N/A	-10°C to +65°C	15%	5%	5 Hz/10 Hz	5
LS2	N/A	7.41 oz.	0-80°C	15%	5%	100 Hz/400 Hz	1
LS3	N/A	7.41 oz.	0-80°C	15%	5%	50 Hz/200 Hz	2
LS6	N/A	7.41 oz.	0-80°C	15%	5%	20 Hz/150 Hz	2
NS15B	0.33 oz	N/A	0-80°C	15%	5%	N/A	5
NS25B	1.33 oz	N/A	0-80°C	15%	5%	5 Hz/30 Hz	5

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SERIES	WEIGHT UNCASSED	WEIGHT CASSED	OPERATING TEMP DEGREES	MAX. OPENING BOUNCE	MAX. CLOSING BOUNCE	MAX. FREQUENCY OF OPERATION (CONT/BURST) ⁴	NUMBER SHUTTER BLADES
NS35B	74.8g	N/A	0-80°C	15%	5%	2 Hz/TBD	5
NS45B	1.54 oz	N/A	0-80°C	15%	5%	2.5 Hz/5 Hz	5
NS65B	130.4g	N/A	0-50°C	15%	5%	1 Hz/3 Hz	6
TS2B	5.5 g	N/A	-10°C to +65°C	5%	5%	30 Hz/100 Hz	1
TS6B	4.7 g	N/A	-10°C to +65°C	5%	5%	20 Hz/85 Hz	1
VS14	2.05 oz.	10.22 oz.	0-80°C	15%	5%	10 Hz/40 Hz	2
VS25	2.05 oz.	10.22 oz.	0-80°C	15%	5%	10 Hz/40 Hz	2
VS35	2.33 oz.	14.35 oz.	0-80°C	15%	5%	5 Hz/20 Hz	2
XRS6	1.20 oz	7.46 oz	0-80°C	15%	5%	10 Hz/50 Hz	1
XRS14	2.18 oz.	10.35 oz.	0-80°C	15%	5%	2 Hz/10 Hz	1
XRS25	4.40 oz	12.98 oz	0-80°C	15%	5%	2 Hz/10 Hz	2

⁴ CONTinuous frequency rating specified at shutter's minimum exposure pulse. BURST frequency rating specified for (4) four seconds maximum with a (1) one minute minimum between bursts. Frequency measurements are taken in free air, 25° C ambient, actuator coil equipped with heat sink. For additional information on maximum sustained frequencies obtainable, please contact one of our technical representatives.