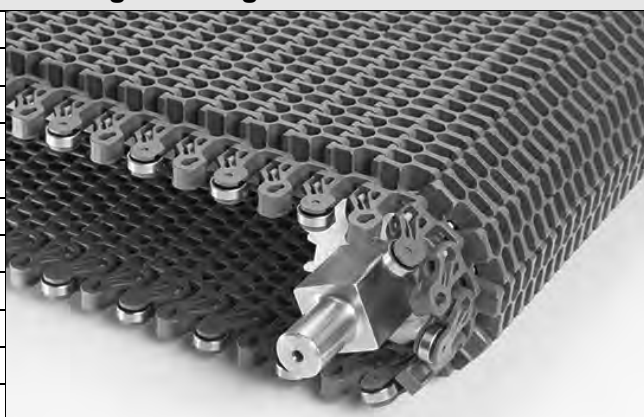


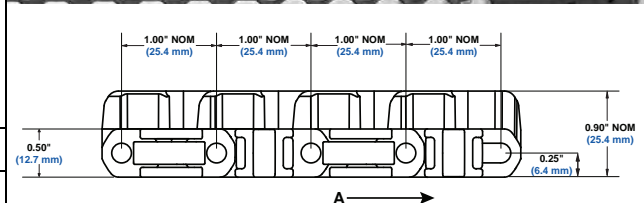
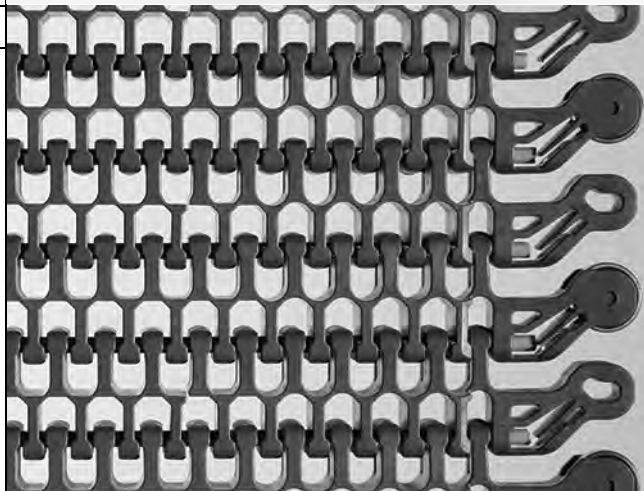
Flush Grid High Deck with Edge Bearing

	in	mm
Pitch	1.00	25.4
Minimum Width (Bearings One Side)	7.5	191
Minimum Width (Bearings Both Sides)	10.5	267
Maximum Width	36	914
Width Increments	0.5	12.7
Opening Size (approximate)	0.35 x 0.30	8.9 x 7.6
Open Area	42%	
Product Contact Area	23%	
Hinge Style	Open	
Drive Method	Hinge-driven	



Product Notes

- Contact Intralox for precise belt measurements and stock status before designing equipment or ordering a belt.
- Flush Grid High Deck with Edge Bearing is 0.4 in (10 mm) higher than standard S2400 belt.
- Standard indent is 1.88 in (47.75 mm).
- Edge bearings are only available for turning belts.
- Bearings must be placed on the inside edge of the turn.
- Bearings are available on one side (for belts that turn in only one direction) or on both sides (for belts that turn in both directions).
- Bearings must be configured in every other row of the belt.
- Bearings are stainless steel and are recommended for dry applications only.
- Plastic pins retain bearings in the belt.
- Rod retention allows for easier insertion and removal of rods.
- Uses headless rods.
- Designed for radius applications with a turn radius of 2.2 times the belt width.
- Flush Grid High Deck with Edge Bearing has more beam strength than the standard S2400 belt, which can reduce retrofit costs in radius applications.
- Use the Intralox Engineering Program to determine if the Edge Bearing is suitable for your application.



A - Preferred direction for flat turning applications

Additional Information

- See "Belt Selection Process" (page 7)
- See "Standard Belt Materials" (page 22)
- See "Friction factors" (page 26)

Belt Data

Base Belt Material	Standard Rod Material Ø 0.18 in (4.6 mm)	BS Straight Belt Strength	Curved Belt Strength ^a Belt Widths						Temperature Range (continuous) ^b		W Belt Weight		
			12 in		18 in		24 in		°F	°C			
			305 mm	457 mm	610 mm	lbs	kg	lbs				kg	
Acetal	Nylon	lb/ft 1700	kg/m 2530	lbs 250	kg 113	lbs 280	kg 127	lbs 300	kg 136	0 to 200	-18 to 93	lb/ft ² 2.83	kg/m ² 13.82

a. Published curved belt strengths and their method of calculation vary among radius belt manufacturers. Please consult an Intralox Sales Engineer for accurate comparison of curve belt strengths. Curved belt strength does not change above 36 in (914 mm).

b. Sideflexing applications should not exceed 180°F (82°C).