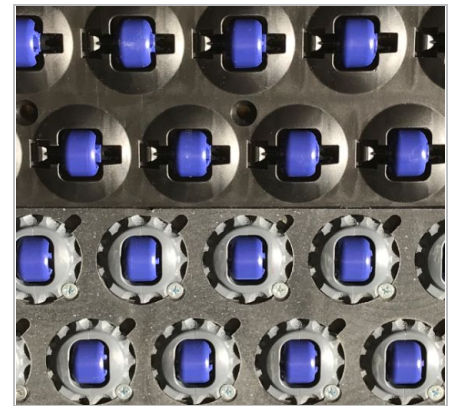


Gravity Roller Plates RT102S Series



Description

- Rollers position 50.8 mm x 50.8 mm (2" x 2") pattern, with offset in direction of travel
- Rollers angle: 0° only for the molded plate type (upper part in picture)
- Rollers angle: 0° to 90° with 15° step increments for machined plate type (lower part in picture)
- Customizable angles of rollers in the same sheet for machined plate type
- PE black base plate
- POM low friction blue rollers
- PP gray roller housing (for machined plate only)
- Plated setscrews for housing fixing
- Fast installation (plates will be delivered fully assembled with rollers)



Data for molded plates

Part number	SAP#	Type	Width		Length		Roller angle
			mm	inch	mm	inch	Degree
RT102SM0381-0304S01	50036729	Molded	381	15	305	12	0 only

Data for machined plates

Part number	SAP#	Type	Width		Length		Roller angle
			mm	inch	mm	inch	Degree
RT102SP3048-1219DQS01	tba	Machined	3048	120	1219	48	0
RT102SP1219-3048DQS01	tba	Machined	1219	48	3048	120	0
RT102SP1981-0965DQS01	tba	Machined	1981	78	965	38	0

Conveyed Item and plate configuration

Item type	Roller angle zero		Roller angle 30 degree	
	Item free flow		Item free flow	
	Plate decline angle	Coefficient of friction	Plate decline angle	Coefficient of friction
Rigid	4.5-5.0	0.08-0.09	5.0-6.0	0.09-0.11
Semi rigid	5.0-7.0	0.09-0.12	6.0-8.0	0.11-0.14
Soft	>7.0	>0.12	>8.0	>0.14

Item examples

- Rigid: hard plastic, steel cases
- Semi rigid: cardboard boxes, tires
- Soft: soft sided luggage

Gravity roller plate data with standard roller orientation.

Other sizes, shapes and roller orientation available upon request. Actual plate angle and coefficient of friction values might be different. It is recommended to check the parameters according to the product type, roller orientation and plate decline angle.

Technical specification

Package maximum weight:

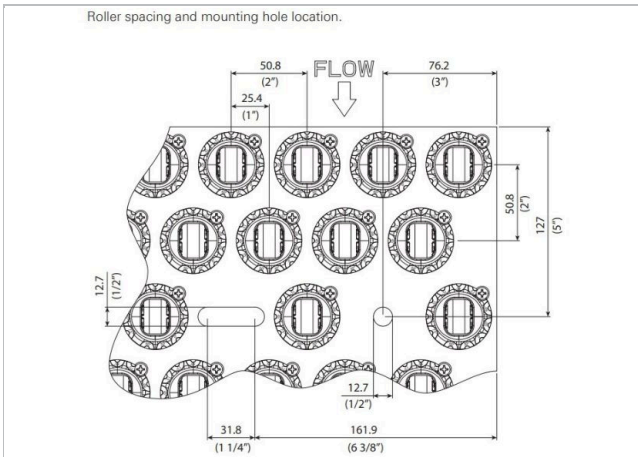
- 1000 kg/m² (200 lb/ft²)

Gravity roller plate weight:

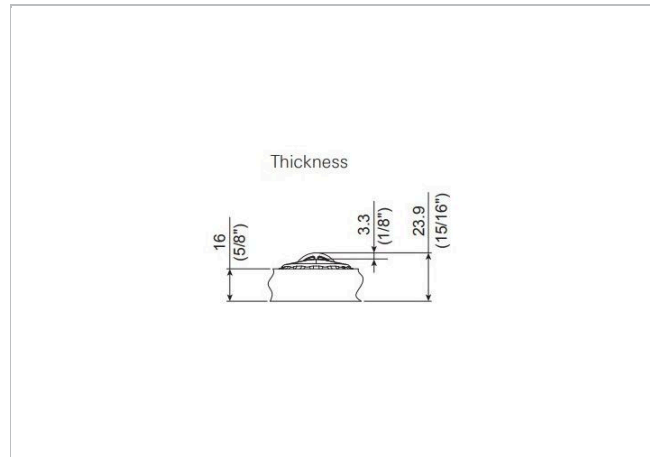
- 15.2 kg/m² (3.1 lb/ft²)

Note: All data are approximate values under standard climatic conditions: 23 °C / 73 °F, 50% relative humidity (according to DIN 50005 / ISO 554).

Gravity Roller Plates RT102S Series



Plan view. Note: Two sets of mounting holes per plate (machined version)



Side view

Disclaimer

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