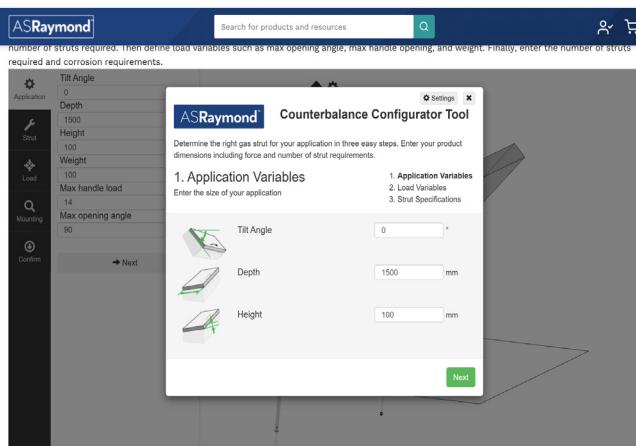


Trouvez le vérin à gaz adéquat avec notre configurateur de contrepoids

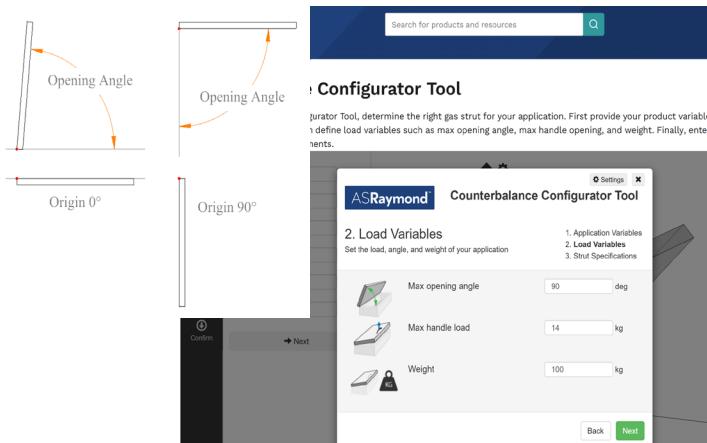
L'outil de configuration des contrepoids ASRaymond est conçu pour simplifier la sélection des vérins à gaz, afin que vous puissiez trouver la bonne solution rapidement et en toute confiance. Que vous conceviez un nouveau système ou que vous amélioriez un système existant, cet outil intuitif vous guide pas à pas à travers le processus, en faisant correspondre les exigences de votre application au vérin à gaz ASRaymond le mieux adapté.

COMMENT UTILISER LE CONFIGURATEUR DE CONTREPOIDS

1. Saisissez la taille et le poids de votre trappe.



2. Saisissez les détails du mouvement.



- Saisissez la position de vos poignées et le centre de gravité.

Search for products and resources

Counterbalance Configurator Tool

With the Counterbalance Configurator Tool, determine the right gas strut for your application. First provide your product variables including force and number of struts required. Then define load variables such as max opening angle, max handle opening, and weight. Finally, enter the number of struts required and corrosion requirements.

Application
Strut
Load
Mounting
Confirm

Tilt Angle: 0
Depth: 1500 mm
Height: 100 mm
Weight: 100 kg
Max handle load: 14 kg
Max opening angle: 90 deg

Next

Search for products and resources

Counterbalance Configurator Tool

With the Counterbalance Configurator Tool, determine the right gas strut for your application. First provide your product variables including force and number of struts required. Then define load variables such as max opening angle, max handle opening, and weight. Finally, enter the number of struts required and corrosion requirements.

Application
Strut
Load
Mounting
Confirm

Handle position (x): 1500 mm
Handle position (y): 50 mm
Center of gravity (x): 750 mm
Center of gravity (y): 50 mm

Define load and mounting to get solutions

Handle position
Center of Gravity
Handle position

Back Next

- Choisissez parmi un certain nombre de différentes positions du vérin.

Search for products and resources

Counterbalance Configurator Tool

With the Counterbalance Configurator Tool, determine the right gas strut for your application. First provide your product variables including force and number of struts required. Then define load variables such as max opening angle, max handle opening, and weight. Finally, enter the number of struts required and corrosion requirements.

Application
Strut
Load
Mounting
Confirm

Fixed position (x): 80 mm
Fixed position (y): 500 mm
Moving position (x): 250 mm
Moving position (y): 45 mm

Handle position
Center of Gravity
Handle position

Back Next

- Choisissez parmi un certain nombre de solutions suggérées sur la base de vos données.

Search for products and resources

ASRaymond

Recommendations

Sort by: Curve fit | Corrosion resistance: Unknown

Found: 452 unique struts in 1471 solutions

Part number: S103281150UJV
Fixed position: 101-500
Moving position: 250, 45
Material: Nitride
Best curve fit

Part number: S103301100UJV
Fixed position: 120-500
Moving position: 250, 45
Material: Nitride

Part number: S103281050UJV
Fixed position: 141-491
Moving position: 250, 45
Material: Nitride

Extended length: 765 mm (30.18 in)
Stroke: 328 mm (12.913 in)

0 / 3 solutions selected

- Examinez les articles sélectionnés.

COUNTERBALANCE RESULTS Date: 22/10/2025

ASRaymond

| System information | X | Y | GAS SPRING BASE PART NUMBER | S143101150QLQL | Counterbalance overview | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|-----|-------|--|----------------|-------------------------|-----|------|------------------|------------|-------------------|-----|-------|--|------------|-------------------|-----|-------|--|--|-------------------|-----|-------|--|--|-------------------|-----|-------|--|--|----------|----|-------|--|--|--|
| Hinge position | mm | 0 | GAS STRUTS PER UNIT | 2 | CD position | mm | 750 | Rod End-Fitting | BallSocket | Radius | mm | -40 | Body End-Fitting | BallSocket | Moving position | mm | 250 | | | Handle position | mm | 1500 | | | Max opening angle | deg | 90.0 | | | Lid mass | kg | 100.0 | For quantities less than 100, the end-fittings may be provided bagged separately unless specified in the purchase order. Additional costs may apply. | | |
| CD position | mm | 750 | Rod End-Fitting | BallSocket | Radius | mm | -40 | Body End-Fitting | BallSocket | Moving position | mm | 250 | | | Handle position | mm | 1500 | | | Max opening angle | deg | 90.0 | | | Lid mass | kg | 100.0 | For quantities less than 100, the end-fittings may be provided bagged separately unless specified in the purchase order. Additional costs may apply. | | | | | | | |
| Radius | mm | -40 | Body End-Fitting | BallSocket | Moving position | mm | 250 | | | Handle position | mm | 1500 | | | Max opening angle | deg | 90.0 | | | Lid mass | kg | 100.0 | For quantities less than 100, the end-fittings may be provided bagged separately unless specified in the purchase order. Additional costs may apply. | | | | | | | | | | | | |
| Moving position | mm | 250 | | | Handle position | mm | 1500 | | | Max opening angle | deg | 90.0 | | | Lid mass | kg | 100.0 | For quantities less than 100, the end-fittings may be provided bagged separately unless specified in the purchase order. Additional costs may apply. | | | | | | | | | | | | | | | | | |
| Handle position | mm | 1500 | | | Max opening angle | deg | 90.0 | | | Lid mass | kg | 100.0 | For quantities less than 100, the end-fittings may be provided bagged separately unless specified in the purchase order. Additional costs may apply. | | | | | | | | | | | | | | | | | | | | | | |
| Max opening angle | deg | 90.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lid mass | kg | 100.0 | For quantities less than 100, the end-fittings may be provided bagged separately unless specified in the purchase order. Additional costs may apply. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Geometric Layout

Handle Force vs Tilt Angle

Vertical distance from hinge (mm)

Horizontal distance from hinge (mm)

Angle from closed (deg)

Angle from closed (deg)

La page des résultats du contre-poids illustre les données de performance, les détails de positionnement et la liste des pièces. Il offre une vue d'ensemble permettant à l'utilisateur de comprendre les produits sélectionnés dans le configurateur, avant de les placer dans le panier.