

Mechspace Pro 70/70P

Catalogue
2014-07-01

EN



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Although the greatest care was taken regarding the information in this catalogue, we assume no responsibility for any errors.
We reserve the right to make changes.

ILLUSTRATIONS – The illustrations in the catalogue represent the described products, but the delivered goods may differ in some respects from the illustrations.

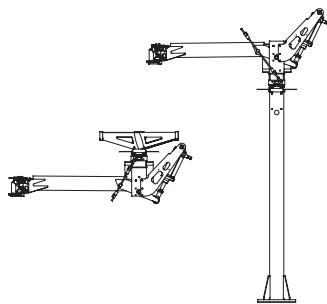
SPECIFICATIONS – The right is reserved to make changes in design and dimensions compared with the information in the catalogue in order not to prevent development of designs, material and manufacturing methods.

The customer is reminded that there is supplementary information that is not included in the catalogue regarding the suitability of different product combinations within Movomech Systems AB's comprehensive product line.

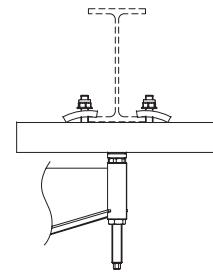
All relevant information must be provided to the persons who are responsible for the application of the product.

How to order...

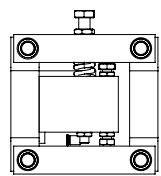
Base model



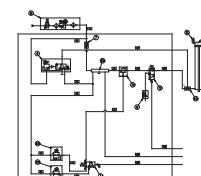
Suspensions



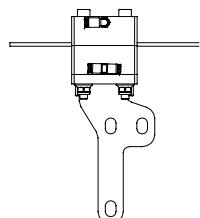
Control units



Pneumatic configuration



Optional products



Specification



Base models

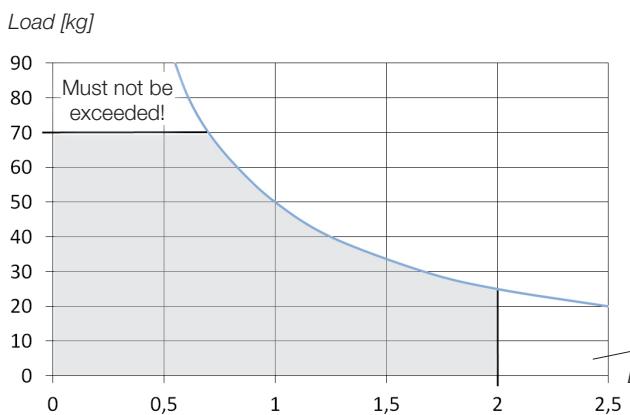
- * See table below.
- ** With maximum load.
- *** Other colours on demand.

Working pressure [bar]	Load capacity [kg]
4	50
5	60
5,5	65
6	70
7	70

Load diagram

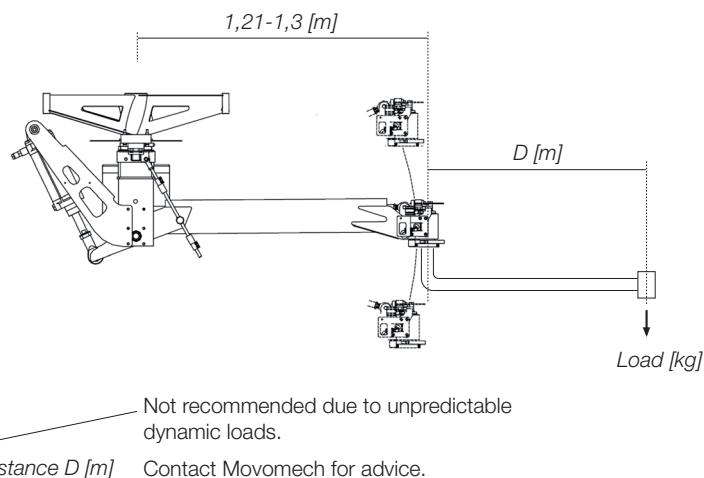
Mechspace Pro 70/70P can operate with loads within the shaded diagram area.

Max torque at tool adapter is 500 Nm. Max load at the tool adapter is a total of 70 kg (includes tool arm, gripper tool, handled object, etc).



Maximum load	kg	50-70 *
Maximum moment	Nm	500
Length of stroke	mm	900
Noice level	db (A)	<70
Maximum tare weight	kg	100 (hangning model)
Hoisting speed	m/min	0-40
Rotation	°	0-330 (upper and lower)
Medium		Air, non-lubricated
Air consumption	l _n /stroke	8 **
Working pressure	bar	4-7
Working temperature	°C	5-40
Colour ***		RAL 2009 (orange), 9010 (white)

Note: The lifting unit is prepared for an incoming air pressure of 5 bar unless stated otherwise when ordered.



Ref.	Designation	Model
738947	Mechspace Pro 70	Hanging
739605	Mechspace Pro 70P	Pillar mounted



For 738947, choose a suspension.

Ref.	Désignation
739564	Bolt eye suspension (4x)
739567	Fixed suspension (4x)

Base models

739605

Note: 739605 is delivered with standard pillar length, unless otherwise stated when ordered.



Standard PL: 2200 mm
Standard PL with mobile footplate: 2000 mm

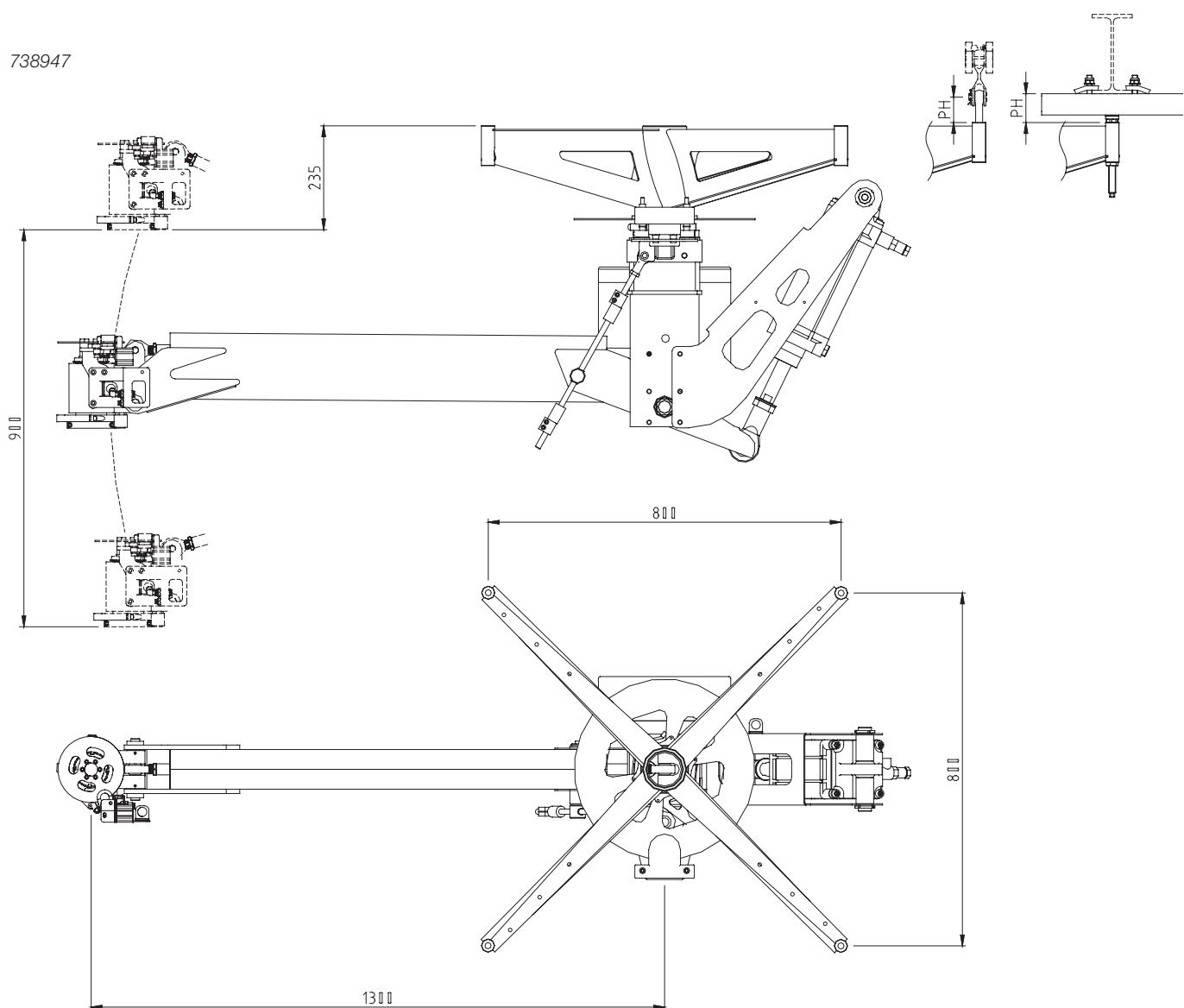
Ref.	Designation
739809	Addition for optional height
739810	Mobile footplate

Allowed PL [mm]	
Pillar mounted	1000-3000
With mobile footplate	1000-2000

739810
D=1500 mm
 $H_{tot}=203$ mm

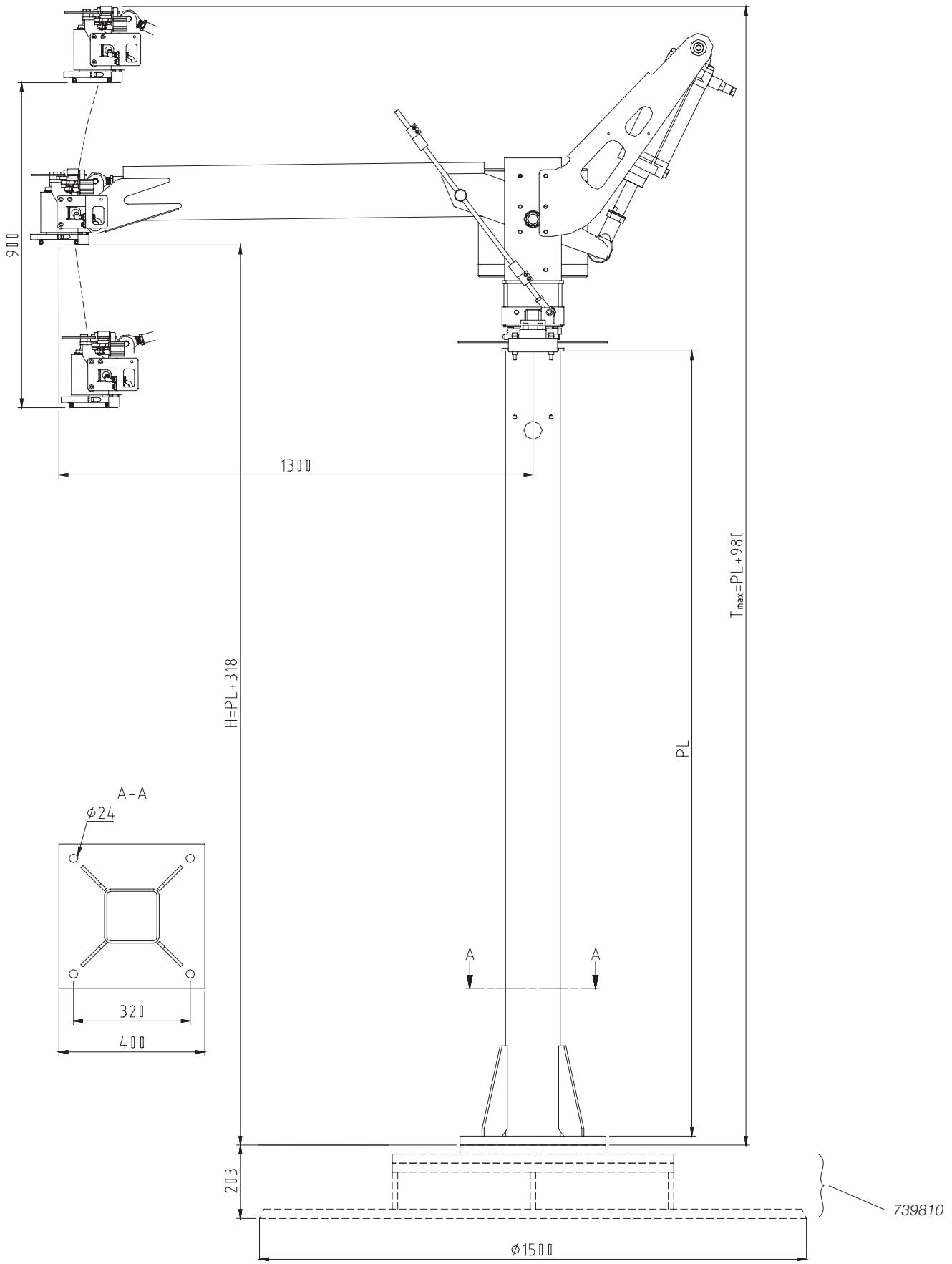
Base models

738947



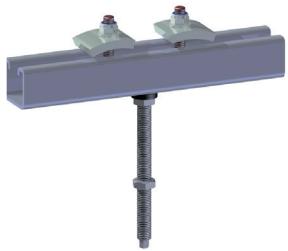
Base models

739605

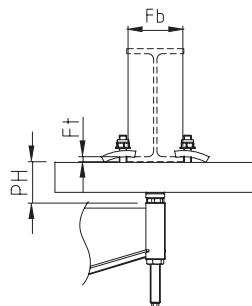


Suspensions

739567



739564

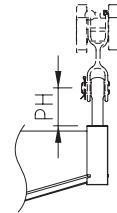


Fb: 55-220 mm

Ft: Max.11 mm

PH: $73 \pm 0^{\circ}$ mm

PH: 66 mm



Note:
For optimal stability, trolleys with minimized play is recommended in the rail system.

Pneumatic configurations



Note: Mechspace Pro is delivered with an air preparation unit 735350 included.

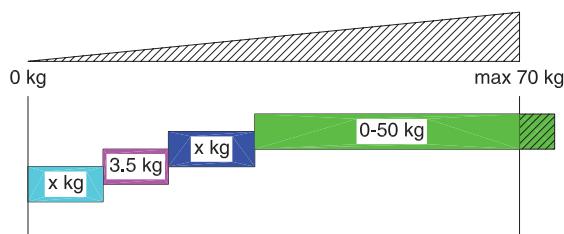
Pneumatic configurations

Ref.	Designation	
741330	2-weight	Two different load levels can be handled by activating "load 0" or "load 1". The first load level ("load 0") is adjusted for counterbalancing the mobile part of the lifter incl. gripper tool.
741331	2-weight automotive	Two different load levels can be handled by activating "load 0" or "load 1". The first load level ("load 0") is adjusted for counterbalancing the mobile part of the lifter incl. gripper tool. The load is switched by a bistable valve, ie. load alternation is done by impulse signals.
741332	2-weight with slow speed function	Two different load levels can be handled by activating "load 0" or "load 1". The first load level ("load 0") is adjusted for counterbalancing the mobile part of the lifter incl. gripper tool. The system is equipped with lowering function for a controlled lowering. Functional conditions are configured by the customer, and depend on the specific application.
741333	2-weight automotive with slow speed function	Two different load levels can be handled by activating "load 0" or "load 1". The first load level ("load 0") is adjusted for counterbalancing the mobile part of the lifter incl. gripper tool. The load is switched by a bistable valve, ie. load alternation is done by impulse signals. The system is equipped with lowering function for a controlled lowering. Functional conditions are configured by the customer, and depend on the specific application.
741334	3-weight	Three different load levels can be handled by activating "load 0", "load 1" or "load 2". The first load level ("load 0") is adjusted for counterbalancing the mobile part of the lifter incl. gripper tool.
741335	3-weight automotive	Three different load levels can be handled by activating "load 0", "load 1" or "load 2". The first load level ("load 0") is adjusted for counterbalancing the mobile part of the lifter incl. gripper tool. The load is switched by bistable valves, ie. load alternation is done by impulse signals.
741336	3-weight slow speed function	Three different load levels can be handled by activating "load 0", "load 1" or "load 2". The first load level ("load 0") is adjusted for counterbalancing the mobile part of the lifter incl. gripper tool. The system is equipped with lowering function for a controlled lowering. Functional conditions are configured by the customer, and depend on the specific application.
741337	3-weight automotive with slow speed function	Three different load levels can be handled by activating "load 0", "load 1" or "load 2". The first load level ("load 0") is adjusted for counterbalancing the mobile part of the lifter incl. gripper tool. The load is switched by a bistable valve, ie. load alternation is done by impulse signals. The system is equipped with lowering function for a controlled lowering. Functional conditions are configured by the customer, and depend on the specific application.
741338	Pilot control	Different load levels are handled steplessly. A load sensing device (option: parallelogram 740882) provides an analog signal to a pressure regulator for the conversion of the load level.
741339	Pilot control with slow speed function	Different load levels are handled steplessly. A load sensing device (option: parallelogram 740882) provides an analog signal to a pressure regulator for the conversion of the load level. The system is equipped with lowering function for a controlled lowering. Functional conditions are configured by the customer, and depend on the specific application.

Control units

740882

Maximum allowed load in parallelogram is 70 kg.
 Operating range variable load: 50 kg.
 (Maximum 40 kg recommended.)



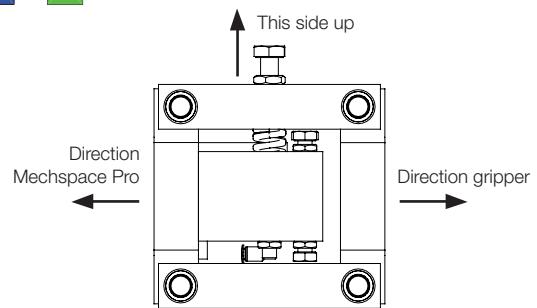
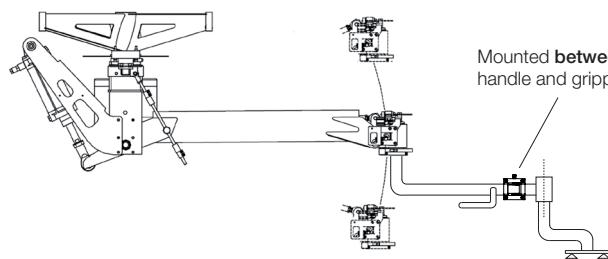
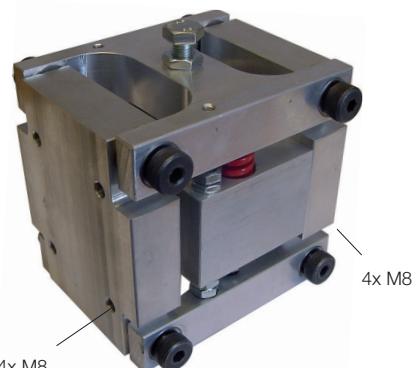
Parallelogram

Tool

Operating range

Warning - overload! Restrict load.

+ + + --> max 70 kg

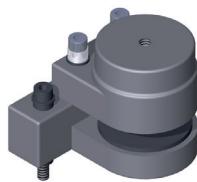


Accessories

Ref.	Designation
738957	Brake caliper
741300	Front brake
739590	Clamp bracket for tube *
739804	Weld-on bracket for tube *

* Tube not included.

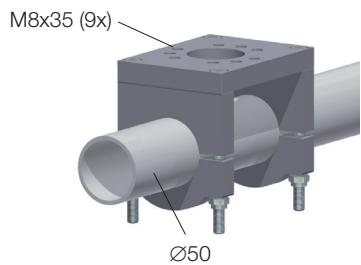
738957



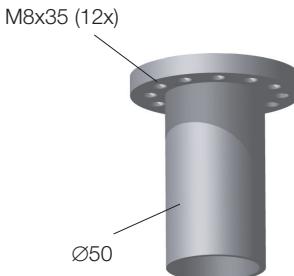
741300



739590



739804



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