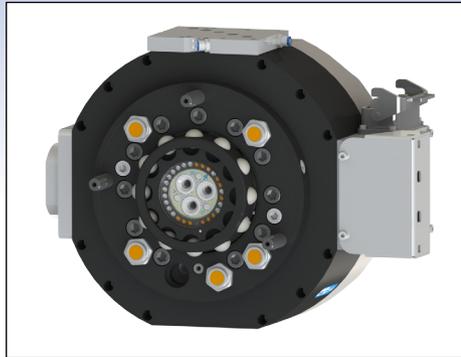


# Material Handling Swivel with Tool Changer STC350-SW



## Swivels with Tool changers

The swivels with Tool changers combines the best of both worlds to maximize the flexibility and productivity. Proven and robust design ensures the highest possible reliability without limiting the robots performance or working range. These products are the obvious choice in applications that involve welding guns or material handling tools and a lot of robot movement.

## Advantages:

- No limitation of robot working range
- Easier to reach tight positions thanks to fixed hosing and slim design
- Low maintenance
- Forgiving locking device
- Fast docking due to smart design
- Easy to switch connecting pins

## Technical data

Tool Changer	Part no.	Handling capacity (kg)	Mechanical interface	Air/water ducts	Electrical signals	Weight (kg)	Corresponding Tool attachment	Part no.	Weight (kg)	Max torque (Nm)
STC350-SWP	P6620A	350	ISO 9409-1-160-11-M12	2/3	16	25,4	TA350-SWP	P6622A	7,5	3500
							TA350-SW/MH	P6624A	7,3	3500
STC350-SWS	P6621A	350	ISO 9409-1-160-11-M12	2/3	27	30,0	TA350-SWS	P6623A	8,1	3500
							TA350-SW/MH	P6624A	7,3	3500

## Air ducts

Max air pressure	10 bar	Tool change function	6 - 10 bar
Air flow	2000 l/min	Connections	Robotside: G 1/2" / Toolside: G 1/2"

## Water

Max water pressure	10 bar	Water flow	16 l/min
Connections	Robotside: G 1/2" / Toolside: G 1/2"		

## Electrical signals

Max voltage	60 V
Max current	2,0 A
Connections	Robotside: 3 module Harting / Toolside: 19 pole Souriau

## Servo power (only SWS)

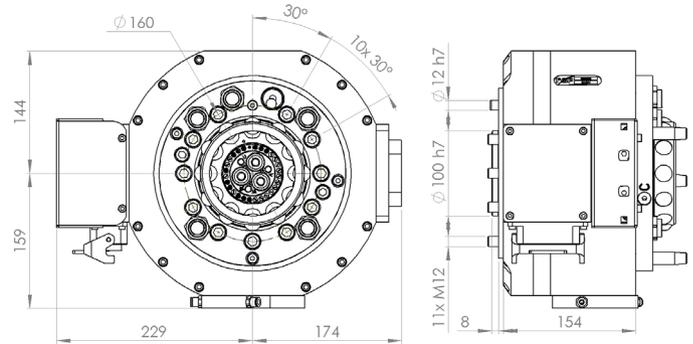
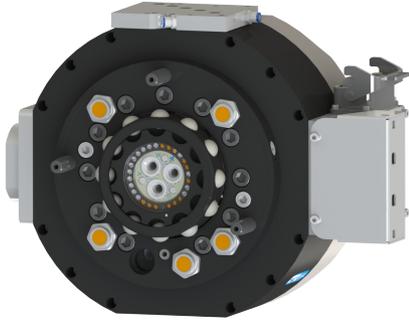
Max voltage	700 V	Connections	Robotside: 3 module Harting / Toolside: 19 pole Souriau
Max current	15 A		

## Weld power

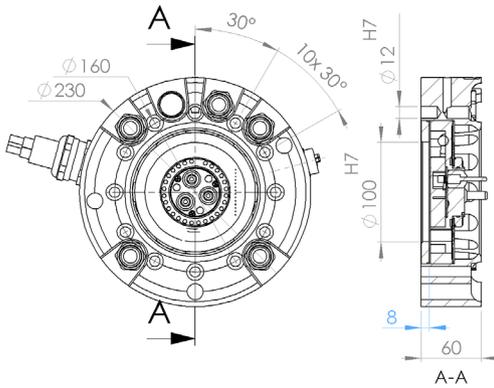
Max voltage	690 V	Connections	Robotside: Cable Gland / Toolside: cable
Max current	135 A		

# Dimensional drawings

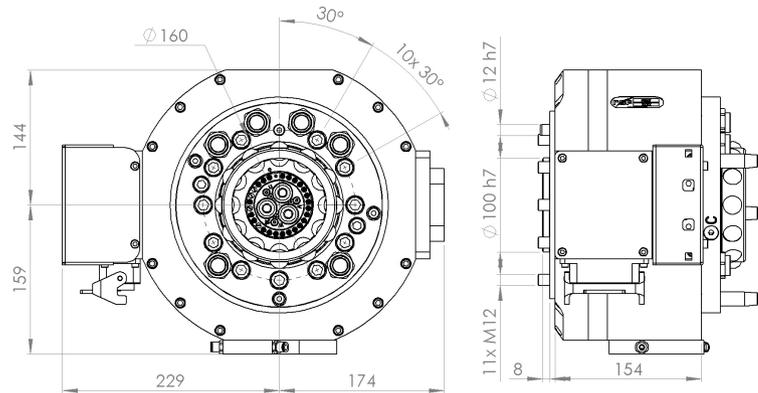
## STC350-SWP:



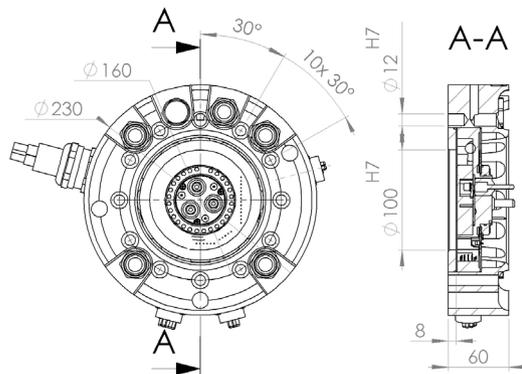
## TA350-SWP:



## STC350-SWS:



## TA350-SWS:



B6413-1:1, Sep 2012

Robot System Products AB offers complete, standardized media supply solutions for most robot-based automation. We design, manufacture, and market a wide range of standard robot peripherals such as tool changers, swivels, hose packages, vacuum grippers and die-casting systems throughout the world.

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