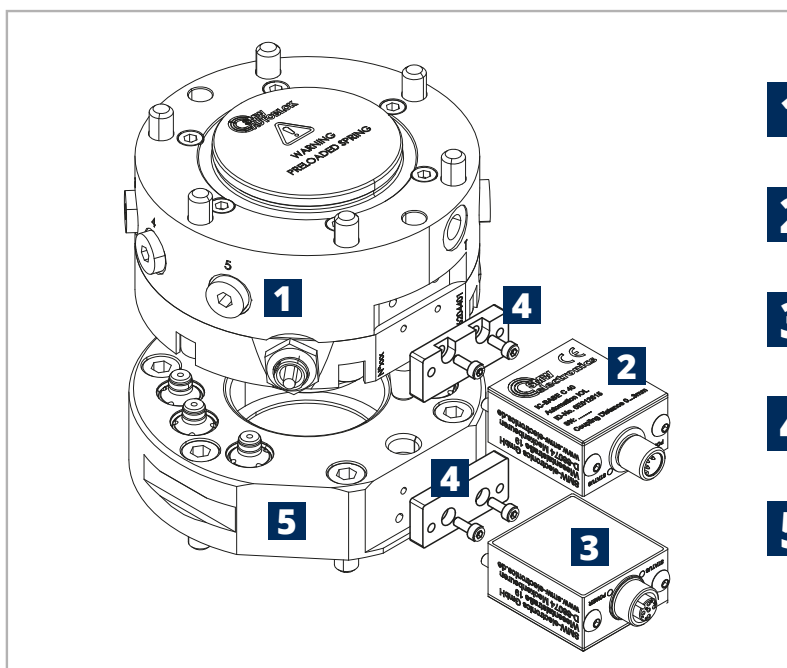


PRS

Robot quick change systems

CUSTOMER BENEFITS

- ▶ Quick and safe gripper change
- ▶ ISO flange
- ▶ Pneumatic drive
- ▶ Self-locking by spring tension (turbo)
- ▶ Wear-free and maintenance-free contactless transmission system for energy and signals (optional)
- ▶ Integrated interlock status query



- 1** QUICK CHANGE MODULE ROBOT SIDE
- 2** CONNECTION MODULES / INDUCTIVE COUPLING BASE UNIT
- 3** CONNECTION MODULES / INDUCTIVE COUPLING REMOTE UNIT
- 4** MOUNTING KIT
- 5** QUICK CHANGE MODULE TOOL SIDE



SMW-Autoblok TYPE	Size					Id.n. without pallet	n. pneumatic connections		Stroke control: Inductive and analogic proximity- based	Pneumatic opening	Springs clamp + TURBO	Electric signal interface module (optional)
	55	85	110	160	240		6	7				
PRS	55					46204550						
		85				46204600						
			110			46204400						
				160		46204320						
					240	46204500						



CLAMPING EXAMPLE

Id.n. PRS	Max liftable weight	Repeatability 0,015 mm	Pull-down force		Pressure		Weight
			spring	spring + TURBO	open	TURBO	
46204550	20 kg	0,015	70 daN	340 daN	6 bar	6 bar	0,5 kg
46204600	50 kg	0,015	200 daN	1000 daN	6 bar	6 bar	1,3 kg
46204400	75 kg	0,015	250 daN	1400 daN	6 bar	6 bar	3 Kg
46204320	150 kg	0,015	400 daN	1900 daN	6 bar	6 bar	6 Kg
46204500	500 kg	0,015	1250 daN	7600 daN	6 bar	6 bar	16 Kg

110 PRS PNEUMATIC HEAD CHANGING

- Pneumatic operation
- Spring clamping + TURBO

Function

Automatic head/gripper changing system for robots

Technical features

- Body and internal mechanism case-hardened for higher rigidity and longer life
- Inductive and analogic proximity-based stroke control system (as standard)
- Pneumatic opening

- Spring clamp + TURBO
- Electric signal interface module (optional)
- n.7 pneumatic connectors for media trasmission between the changing unit and the gripper mounting on it.
- hydraulic connectors are not expected

Model	Id.n. (without pallet)	Max liftable weight	Repeatability	pneumatic connections n.	Pull down force		Pressure		Weight
					spring	spring+TURBO	open	TURBO	
110PRS	46204400	75 Kg	0,015 mm	7	2,5 KN	14 KN	6 bar	6 bar	3 Kg

Model	Pallet	Weight
HEAD CHANGING PALLET 110PRS	46204415	1,9 Kg

MOMENTS OF INERTIA

- M_x max. 600 Nm
- M_y max. 600 Nm
- M_z max. 350 Nm

PALLET SISTEMA DI RICAMBIO 110-PRS
46204415

L G1/8 (n°7) Ø114 M8 10 46204400

N

46204415

10 H8 Ø118

A CHANGE UNIT PORT OPENING

T CHANGE UNIT PORT TURBO

L N.7 INLET PNEUMATIC CONNECTIONS (NUMBERED FROM 1 TO 7)

M 7 PNEUMATIC CONNECTIONS OUTLET

N CHANGE UNIT STROKE CONTROL INDUCTIVE AND ANALOGIC PROXIMITY OPTIONAL-NOT INCLUDED

P AIR SENSING

110 PRS SISTEMA DI RICAMBIO SENZA PALLET
46204400

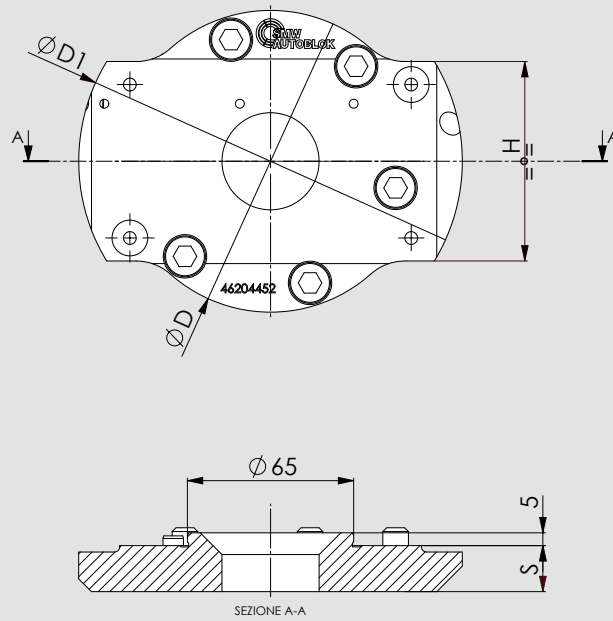
G1/8 CHIUSURA CLOSED **T**

G1/8 **P**

G1/8 APERTURA OPEN **A**

FLANGE GROUP

for head changing 110 PRS



FLANGE KIT ID.No.	D	D1	S	H	WEIGHT kg	GRIPPER TYPE MONTABLE
46204464 FLANGE KIT 110PRS/2PXM 125	122	122	18	/	0,6	2PXM 125 *
46204466 FLANGE KIT 110PRS/2PXM 160	132	132	18	/	0,7	2PXM 160 *
46204450 FLANGE KIT 110PRS/PP - PL 125	118	130	18	90	0,6	PP - PL 125 **
46204452 FLANGE KIT 110PRS/PP - PL 160	118	150	18	78	0,7	PP - PL 160 **
46204458 FLANGE KIT 110PRS/3MN - 3PXM 125	118	118	19	/	0,5	3MN - 3PXM 125 ***
46204460 FLANGE KIT 110PRS/3MN - 3PXM 160	166	166	20	/	1,1	3MN - 3PXM 160 ***

