robolink® Apiro® | Product range

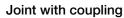
Apiro® worm gear joints, basic shapes



Joint



Joint with turntable



Output A Output B Drive A (left) Drive B (right)

Technical data

Designation	Transmission	Self-locking	Drive torque	Moment of breakage	F stat. axial	Backlash
			[Nm]	[Nm]	[N]	[°]
Joint	1:4	_	2.5	15	250	< 0.5
Joint with turntable	1:32	_	2.5	20	250	< 0.5
Joint with coupling	1:64	Yes	1.5	10	250	< 0.5

Technical data

Designation					
Joint					
Drive A	Output A	Drive B			
HR	_	Drive pin			
HK/PA/HR	-	Drive pin			
HR	-	Profile			
HK/PA/HR	-	Profile			
Profile	-	Profile			
Joint with turntable					
HR	Turntable	Drive pin			
HK/PA/HR	Turntable	HR			
HR	Turntable	Profile			
HK/PA/HR	Turntable	Profile			
Profile	Turntable	Profile			
Joint with coupling Ø 4–12mm					
HR	Coupling	Drive pin			
HK/PA/HR	Coupling	Drive pin			
HR	Coupling	Profile			
HK/PA/HR	Coupling	Profile			
Profile	Coupling	Profile			



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Apiro® combination options



RL-A10.0105



Order example RL-A10.0105

Apiro® joint with drive pin and hand wheel (HR)



Order example RL-A10.0148.100

Apiro® joint with 100mm profile, manual clamp (HK), position indicator (PA) and hand wheel (HR)

drylin®

automation



RL-A10.0148.100



Order example RL-A10.0148.100

Apiro® joint with profile 100mm left, profile 100mm right

Transmission 1:4	Transmission 1:32	Transmission 1:64
RL-A10.0105	RL-A10.0106	RL-A10.107
RL-A10.0111	RL-A10.0112	RL-A10.113
RL-A10.108.□	RL-A10.0109.□	RL-A10.0110.□
RL-A10.0148.□	RL-A10.0149.□	RL-A10.0161.□
RL-A10.0160.□.□	RL-A10.0115.□.□	RL-A10.0161.□.□
RL-A10.0138	RL-A10.0114	RL-A10.0139
RL-A10.0132	RL-A10.0133	RL-A10.0134
RL-A10.0145.□	RL-A10.0146.□	RL-A10.0147.□
RL-A10.0151.□	RL-A10.0152.□	RL-A10.0153.□
RL-A10.0157.□.□	RL-A10.0158.□.□	RL-A10.0159.□.□
RL-A10.0117	RL-A10.0118	RL-A10.0119
RL-A10.0129	RL-A10.0130	RL-A10.0131
RL-A10.0123.□	RL-A10.0124.□	RL-A10.0125.□
RL-A10.0154.□	RL-A10.0155.□	RL-A10.0156.□
RL-A10.0120.□.□	RL-A10.0121.□.□	RL-A10.0122.□.□



