AVENTICS Series BSA Bellow suction grippers

Technical data

AVENTICS Series BSA bellow suction grippers are suitable for workpieces with curved or inclined surfaces, as well as to compensate for height tolerances or to handle largesurface, non-rigid components such as large, thin sheets.



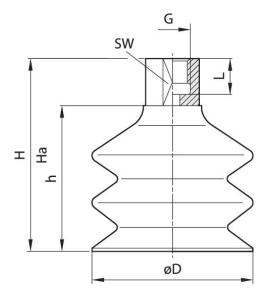
2024-03-15

Min. ambient temperature-40 °CMax. ambient temperature80 °CTemporary ambient temperature (<30 s) min.-40 °CTemporary ambient temperature (<30 s) max.100 °CCompressed air connectionG 1/4external diameter29 mmHolding force13.5 NSeparation force32 NVolume9 cm³Max. curving on object R min25 mmAbrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadlow-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kgPart No1820415161	Industry	Industrial
Temporary ambient temperature (<30 s) min.-40 °CTemporary ambient temperature (<30 s) max.	Min. ambient temperature	-40 °C
Temporary ambient temperature (<30 s) max.100 °CCompressed air connectionG 1/4external diameter29 mmHolding force13.5 NSeparation force32 NVolume9 cm³Max. curving on object R min25 mmAbrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadlow-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Max. ambient temperature	80 °C
Compressed air connectionG 1/4external diameter29 mmHolding force13.5 NSeparation force32 NVolume9 cm³Max. curving on object R min25 mmAbrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadlow-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Temporary ambient temperature (<30 s) min.	-40 °C
external diameter29 mmHolding force13.5 NSeparation force32 NVolume9 cm³Max. curving on object R min25 mmAbrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadlow-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Temporary ambient temperature (<30 s) max.	100 °C
Holding force13.5 NSeparation force32 NVolume9 cm³Max. curving on object R min25 mmAbrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadlow-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Compressed air connection	G 1/4
Separation force32 NVolume9 cm³Max. curving on object R min25 mmAbrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadlow-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	external diameter	29 mm
Volume9 cm³Max. curving on object R min25 mmAbrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadIow-wearIow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Holding force	13.5 N
Max. curving on object R min25 mmAbrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadIow-wearIow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Separation force	32 N
Abrasion value according to DIN 535 1610-12 mm³Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadlow-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Volume	9 cm ³
Hardness according to standard72 ± 5 Shore AConnection thread typeInternal threadIow-wearIow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Max. curving on object R min	25 mm
Connection thread typeInternal threadlow-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Abrasion value according to DIN 535 16	10-12 mm³
low-wearlow-wearMaterial connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Hardness according to standard	72 ± 5 Shore A
Material connectorAluminumSuction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	Connection thread type	Internal thread
Suction unit materialPolyurethaneDelivery unit1 pieceWeight0.017 kg	low-wear	low-wear
Delivery unit1 pieceWeight0.017 kg	Material connector	Aluminum
Weight 0.017 kg	Suction unit material	Polyurethane
	Delivery unit	1 piece
Part No 1820/15161	Weight	0.017 kg
	Part No.	1820415161



Technical information

To be used on uneven, sensitive, and smooth to slightly rough surfaces. Dimensions



Part No.	ØD [mm]	G	Ha*)	н		SW	L
1820415161	29	G 1/4	40	55	40	17	12
1820415162	59	G 1/4	40	70	55	17	12
1820415163	80.2	G 1/4	62	100	85	22	12

*) Height for vacuum operation