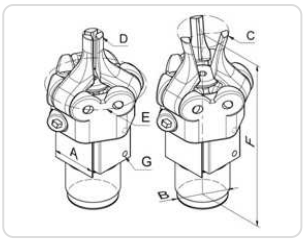
DESIGNATION	ITEM NO.	A	B	C	WEIGHT
NAD-S-0,6-8-30	1-69-00-15-00-NAD	0,6	8	30	0.005Kg

INTERNAL GRIPPER

ING-D Inside Gripper double acting





ADVANTAGES

- V1 - double-acting internal gripper
- V2 - sensitive gripping
- V3 - easy to integrate into the AGS gripper system
- V4 - the three gripper fingers are manufactured using the K-forming process
- and can therefore be easily customised to
- customer requirements
- V5 - the actuator consists of an aluminium housing
- with a polyamide piston

REMARK

- Operating pressure: 6 bar, use filtered and dried air

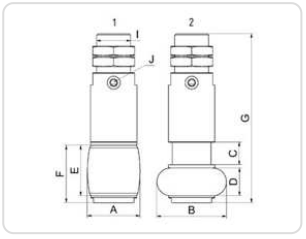
DESIGNATION	ITEM NO.	A	B	C	D	E	F	G
ING-D-8	1-69-50-08-00-ING	P22	P22	11	8	42	80	M3
ING-D-10	1-69-50-11-00-ING	P22	P22	13	10	42		M3
ING-D-12	1-69-50-14-00-ING	P22	P22	15	12	42		M3
ING-D-14	1-69-50-18-00-ING	P22	P22	17	14	42		M3
ING-D-16	1-69-50-22-00-ING	P22	P22	19	16	42		M3

Legend: A = suitable for KVS-P..... B = suitable for PDV-P..... profile swivel connector C = maximum workpiece inside diameter D = minimum workpiece inside diameter E = maximum size and minimum distance from inner gripper to inner gripper ING-D G = Air connection

INTERNAL GRIPPER

IBG-D Inside Bellow Gripper pushing





ADVANTAGES

- V1 - Single-acting inner gripper
- V2 - Sensitive gripping
- V3 - Simple integration into the gripper system
- V4 - lateral compressed air connection
- V5 - a through-hole enables the
- workpiece to be cooled, cleaned, checked for leaks or disinfected during the handling process

REMARK

- Bellows material: EPDM
- Silicone material available on request
- Optional: Query from size IBG-28-27-D
- Operating pressure: 6 bar, use filtered and dried air
- Ambient temperature:
- - Gripper +5°C to +60°C
- - EPDM bellows -30°C to +120°C
- Extended data sheet available on request
- Operating principle: Bellows are pressed away from the body
- Application: if play (freely suspended) is required in the gripped
- state, for workpieces with small
- bore depth
- see image 2 "IBG-D-KAT inner bellows gripper - pressing":
- 1 = Basic position (vented)
- 2 = Working position (ventilated)

DESIGNATION	ITEM NO.	A	B	C	D	E	F	G	I	J	M	N	WEIGHT
IBG-8-11-D	1-69-00-20-30-IBG	8	11	3,5	3	7	9,2	52,7	M10×1	M3	0,08Kg	M5	0.022Kg
IBG-10.5-14-D	1-69-00-20-31-IBG	10,5	14	4	4	8,5	10,7	54,2	M10×1	M3	0,1Kg	M5	0.024Kg
IBG-13-17-D	1-69-00-20-32-IBG	13	17	5,5	5	10,5	13	55,5	M12×1	M3	0,12Kg	M5	0.025Kg
IBG-15-19.5-D	1-69-00-20-34-IBG	15	19,5	7	6	13	15,8	55,8	M12×1	M3	0,15Kg	M5	0.033Kg
IBG-19.5-25-D	1-69-00-20-36-IBG	19,5	25	7,5	9	16,5	19,5	65	M12×1	M5	0,21Kg	M5	0.043Kg