

Model Number Index

PUG - 10 - NBR

Cup Diameter [mm]			
10	10	50	50
15	15	60	60
20	20	80	80
25	25	100	100
30	30	120	120
35	35	150	150
40	40	200	200

Cup Material	
NBR	Nitrile Rubber
SI	Silicone

More materials on request.
Please see page 8 for material specifications.

Model Number Index

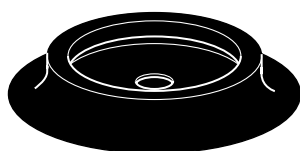
PUGB - 10 - NBR

Cup Diameter [mm]			
10	10	50	50
15	15	60	60
20	20	80	80
25	25	100	100
30	30	120	120
35	35	150	150
40	40	200	200

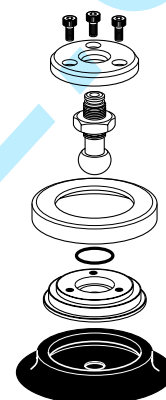
Cup Material	
NBR	Nitrile Rubber
SI	Silicone

More materials on request.
Please see page 8 for material specifications.

PUG Cup



PUGB Assembly

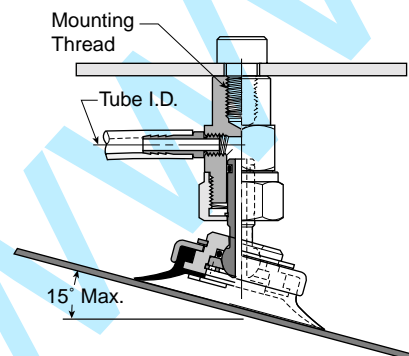


Application Guide

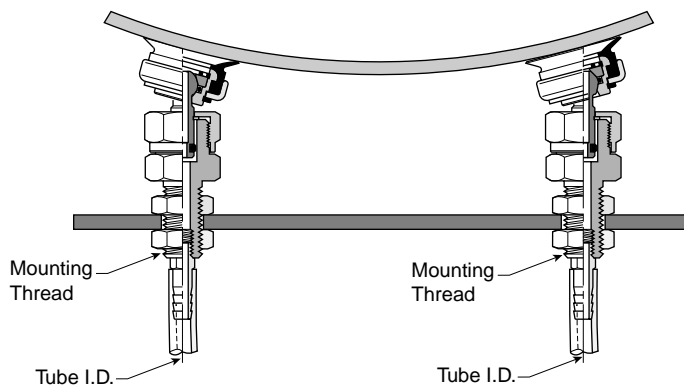
Swivel Bellows



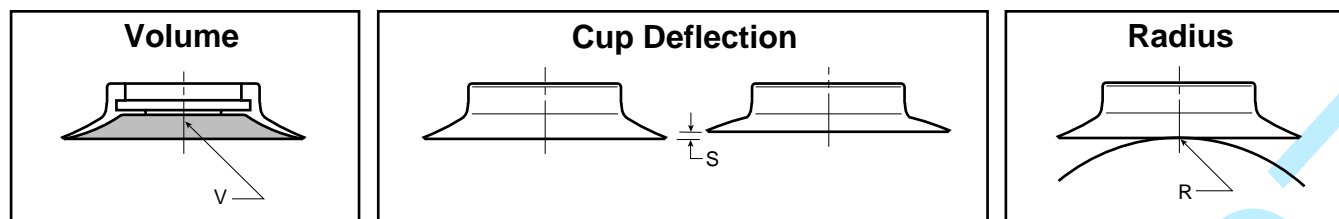
- Angles Pickup



- Fixtures for Curved Product



Main Data for Swivel Bellows PUG Cups

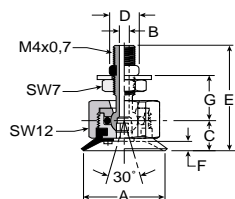


Model Number	Cup Diameter [mm]	Area [cm ²]	Volume [V] Liters	Lifting Force @ 60% [N]		Cup Deflection [S] [mm]	Radius R [mm]
PUGB-10-*	10	0,79	0,00007	4,80	—	1	6
PUGB-15-*	15	1,77	0,0004	10,8	—	1,4	6
PUGB-20-*	20	3,14	0,0008	19,2	—	2	9
PUGB-25-*	25	4,91	0,0013	30,0	—	2,5	17
PUGB-30-*	30	7,07	0,0018	43,2	—	2	26
PUGB-35-*	35	9,62	0,0026	58,9	—	3	31
PUGB-40-*	40	12,6	0,0040	76,9	—	3	37
PUGB-50-*	40	19,6	0,0070	120	—	4	41
PUGB-60-*	60	28,3	0,0090	173	—	5	70
PUGB-80-*	80	50,3	0,025	308	—	6	100
PUGB-100-*	100	78,5	0,045	480	—	6	150
PUGB-120-*	120	113,1	0,078	692	—	8	365
PUGB-150-*	150	177,0	0,177	1081	—	10	380
PUGB-200-*	200	314,0	0,425	1922	—	12	430

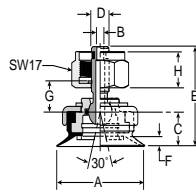
* Cup Material

Dimensions

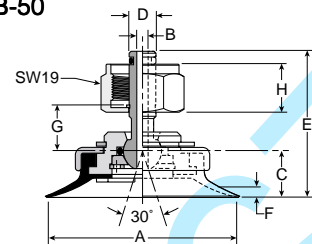
PUGB-10 and
PUGB-15



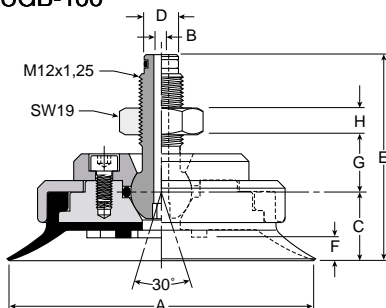
PUGB-20 thru
PUGB-35



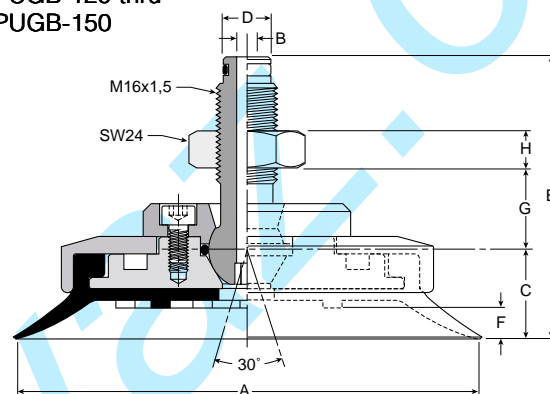
PUGB-40 and
PUGB-50



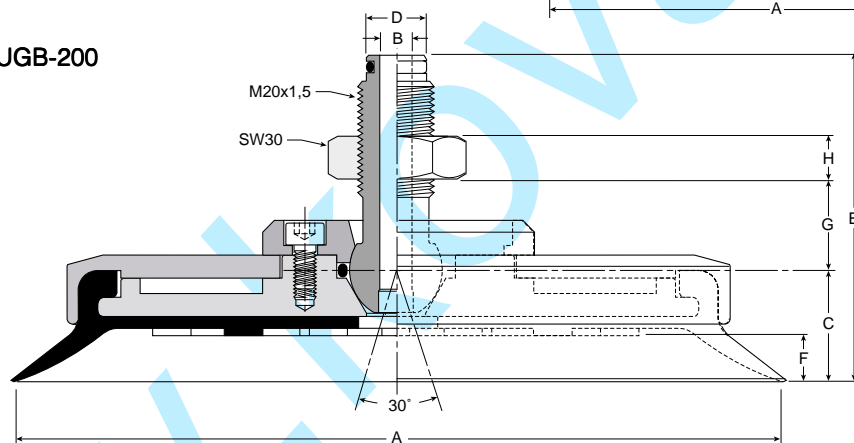
PUGB-60 thru
PUGB-100



PUGB-120 thru
PUGB-150



PUGB-200



Model Number	ØA	ØB	C	ØD	E	F	G	H
PUGB-10-*	10	1,8	5	5,5	20	1	5	—
PUGB-15-*	15	1,8	6	5,5	21	1,4	5	—
PUGB-20-*	20	2,3	9	6	28	2	9,05	10,5
PUGB-25-*	25	2,3	9,5	6	28,5	2,5	9,05	10,5
PUGB-30-*	30	2,3	10	6	29	2	9,05	10,5
PUGB-35-*	35	2,3	11	6	30	3	9,05	10,5
PUGB-40-*	40	3,0	11	7	37	3	12,05	12,5
PUGB-50-*	50	3,0	12	7	38	4	12,05	12,5
PUGB-60-*	60	3,9	16	9	52	5	15	7
PUGB-80-*	80	3,9	18	9	54	6	15	7
PUGB-100-*	100	3,9	18	9	54	6	15	7
PUGB-120-*	120	5,9	23	13	73	8	20	10
PUGB-150-*	150	5,9	25	13	75	10	20	10
PUGB-200-*	200	7,9	29	16	85	12	20	12

Millimeter

* Cup Material