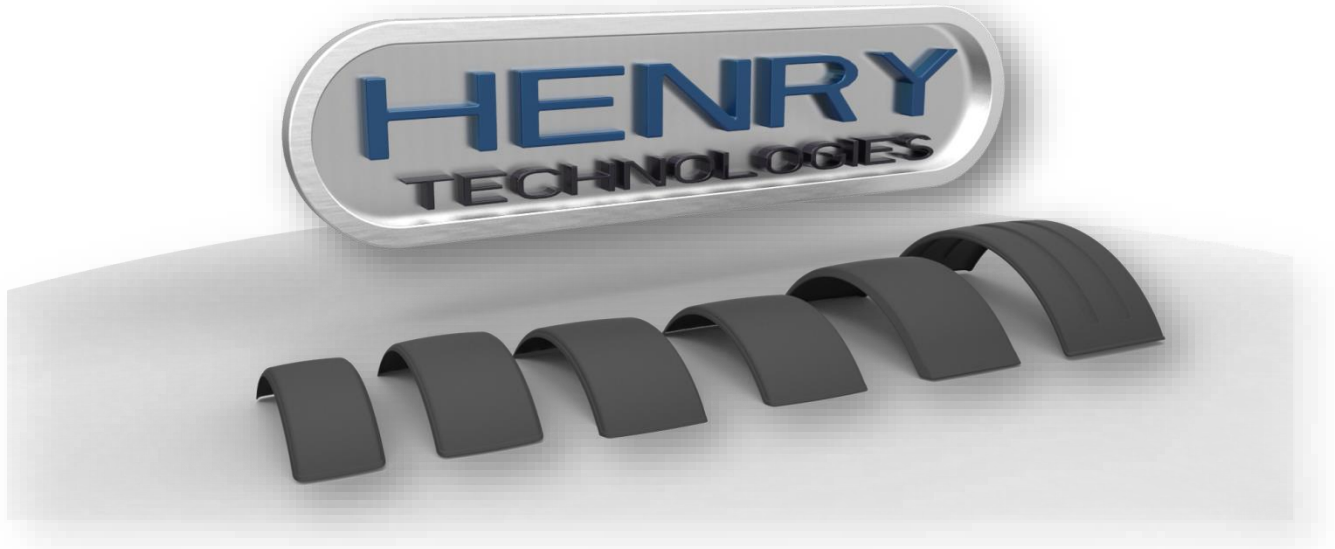




Product Catalogue

- **Mudguards**
- **Mudguard brackets**
- **Special parts**
- **Air bellows**

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7. Air bellows

1. Overview, technologies and terminology

For the production of our Dunloflex mudguards we use the following production technologies:

1.1 E-Type mudguards:

Production technology: Injection molding
Standard material: PP (Polypropylen), PE (Polyethylen),
PP-EPDM (Polypropylen-Ethylen-Propylen-Dien-rubber)
Standard colour: black

Remark: HENRY Technologies processes all common injection molding materials. Other material- and colour-combinations upon request.

1.2 R-Type mudguards:

Production technology: rotational molding
Standard material: PE (Polyethylen)
Standard colour: black

Remark: Other material- and colour-combinations upon request.

On request we offer our customers the production of individual, custom-made variations of our standard mudguards in small series tailored by robot.

2. Mudguards for tractors



The worldwide largest selection in
width from 185 mm to 750 mm

Type	Width mm	Radius mm	Length mm	Arc angle °	Edge mm
E 2100	185	440	700	91,2	40
E 2300	225	530	810	87,6	41
E 2400	240	520	925	101,9	40,5
R 27.058	270	350	580	94,9	45
E 2600	265	615	1000	93,2	45
R 30.072	300	450	720	91,7	45
E 2500	310	700	1070	92,9	45,8
E 2130	325	530	850	91,9	45,5
E 3200	330	720	1180	93,9	45
E 2700	355	660	1085	94,2	45
E 2800	355	720	1248	99,1	42,6

2 . Mudguards for tractors



The worldwide largest selection in
width from 185 to 750 mm

Type	Width mm	Radius mm	Length mm	Arc angle	Edge, mm
E 41.083	410	720	835	66,4	45
E 6200	410	620	1250	115,5	45
E 2930	410	720	1402	111,4	45,7
E 3000	410	720	1250	99,5	46
E 42.165	420	850	1650	111	45
R 46.120	460	650	1200	105,8	55
E 3100	470	780	1300	95,5	50
E 3500	471	780	1404	102,8	46,2
E 48.165	480	850	1650	111	45
E 3400	520	820	1552,4	108,3	45,9
E 54.158	540	820	1580	110,4	55
E 54.175	540	850	1750	117	55
E 3900	600	820	1578	110,4	55,9
R 3600	620	800	1500	107	55
R 58.150	580	880	1500	97,7	50
E 3800	620	880	1581	103	55

2 . Mudguards for tractors



The worldwide largest selection in
width from 185 to 750 mm

Type	Width mm	Radius mm	Length mm	Arc angle °	Edge, mm
E 62.175	620	850	1750	117	55
R 68.190	680	965	1900	112,8	60
R 68.190/1*	680	965	1900	112,8	60
R 72.160	720	839	1623,2	111,1	65,7
R 75.220	750	1050	2200	120,0	60

*closed cross-section at the end

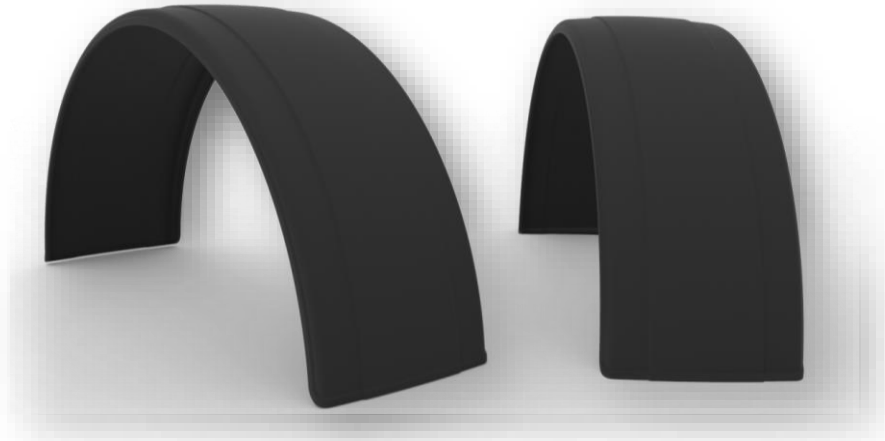
3. Mudguards for Farm Implement Tires

For Small tractors, Agricultural Trailer, Bail Wrappers and others



Type	Width mm	Radius mm	Length mm	Arc angle °	Edge mm	Tire (size)
R 27.058	270	350	580	94,9	45	
R 30.072	300	450	720	91,7	45	
R 31.123	315	450	1239	157,8	60	10.0/75-15.3
R 33.165	330	528	1658	180	60	
R 34.107	340	370	1069	166	60	26x12.00-12
R 46.120	460	650	1200	105,8	55	

4. Plant protection: Mudguards for self-propelled sprayers, field sprayers and super-large-tires



Product range:

Type	Width (B) mm	Length (L) mm	Radius (R) mm	Arc angle °	Edge (D) mm	Weight kg
R 10.318*	99,5	3189	1015	180	54	2,15
R 31.264	310	2640	1010	150	60	3,6
E 41.083	410	835	720	66,4	45	1,1
R 41.220	410	2200	1010	125	60	4,7
R 41.265	410	2650	1010	150	60	4,8
R 41.308	410	3045	1010	173	60	6,5
R 51.265	510	2650	1010	150	60	6,5
R 51.308	510	3080	1250	141,8	60	6,8
R 55.217	550	2170	800	155	60	4,5
R 55.308	550	3084	1010	175	65	7,0
R 61.220	610	2200	1010	125	60	6,3
R 61.265	610	2650	1010	150	60	7,5
R 61.308	610	3084	1010	175	60	7,5
R 68.190/1	680	1900	925		60	5,5
R 62.338	625	3380	1180	164,1	37	11
R 71.308	710	3084	1010	175	60	9,0
R 72.160	720	1623,2	839		65,7	5,0
R 75.220	750	2200	1050	120	60	7,0

*Type: Extension with vertical mounting edge at one side

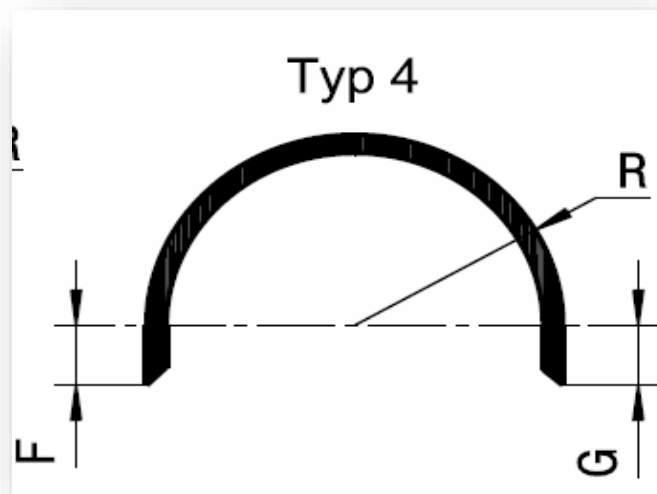
5. Mudguards for commercial Vehicles

5.1 Semi-circle plastic mudguards

(steel or plastic brackets)

Type	Width mm	Length mm	Radius mm	Height	Weight kg	applicability for following tire Type
R 33.165	330	1658	528		1,6	7.5 R15; 10 R15; 7,5 R 16
E 36.230	360	2270	660	760	4,0	Single Tire. 13 + 14/80 R20; 365/8 R20 315
R 40.210	400	2145	670		3,8	13 R22,5; 13.00 R20: Pilote, F20
E 44.230	440	2272	660	760	4,7	Single Tire. 16,5 R22,5; 425/65; R22,5
R 45.190	450	1900	650		3,7	385/65 R 22,5; 425/65; R22,5; 15 R 22,5; 365/80; R20;11 R20
E 48.170	480	1670	500	570	3,7	Twin Tire. 8 R17,5 + 19,5, 8,5 R17,5; 205/75 R17,5,215 R14C
E 53.173	530	1729,3	525	525	3,4	
R 55.170	550	1665	530		3,5	9,5 R17,5;10 R17, 235/70, R17,5
E 55.200	550	2040	600	680	5	
E 54.230	540	2273	660	760	5,5	Twin Tire.10 R22,5,9,0, R20, 8,25 R20
E 61.230	610	2270	660	760	6	11/70 R22,5, 265/70,R19,5, 275/80 R22,5, 285/70 R19,5
E 65.230	650	2270	660	760	6,4	305/70 R22,5
E 68.230	680	2273	660	760	6,9	13/75 R22,5, 315/80 R22,5

All E-Types with 2 reflectors



Semi circle mudguards Type 4, with 2 reflectors

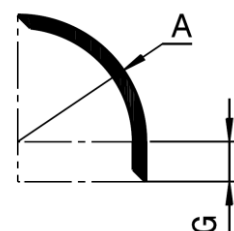
E-Type: reduced versions on request

5.2 Section mudguards (Quarter circle)

Type	Width mm	Length mm	Radius mm	Weight kg	applicability for following tire Type	G mm
E 44.110	440	1137	660	2,30	Single Tire. 15 R22,5, 16,5 R 19,5+22,5, 425/65 R22,5	100
E 48.085	480	830	500	1,80	Twin Tire. 8 R17,5+19,5, 8,5, R22,5, 10 R17,5, 10/70 R22,5, 245/70 R19,5	70
E 53.086	530	862	525	1,90		40
E 54.110	540	1135,7	660	2,70		100
E 55.100	550	1135	600	2,50	Twin Tire. 8,25 R20,9 R19,5, 9 R22,5, 10 R17,5, 10/70 R22,5, 245/70 R19,5	80
E 61.110	610	1135	660	3,00	Twin Tire. 9,0-20,10 R22,5,11 R22,5, 11/70 R22,5, 265/70, R19,5, 275/80 R22,5, 285/70 R19,5	100
E 65.110	650	1135	660	3,20	Twin Tire. 11,0 R20, 12 R22,5, 295/80 R22,5, 305/70 R22,5	100
E 68.110	680	1135	660	3,40	Twin Tire. 12,00 R20, 13 R22,5, 315/75 R22,5, 13/75 R22,5, 315/80 R22,5	100

- Section mudguards with one reflector LH or RH
- Other designs cut to length available on request

Type 9



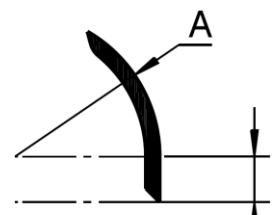
5.3 Section mudguards

Type	Width mm	Length mm	Radius mm	Weight kg	applicability for following tire type
E 40.070	400	700	660	1,4	Twin tire 175+ 185R16C, 185R14C Single Tire 12.00R20, 13R22.5, 14/80R20, 15R22.5
R 45.070	450	700	670	1,4	16.5R19.5, 15R22.5, 115/80R22.5, 16.5R22.5
E 60.070	600	700	670	2,0	Twin tire 11.00R20, 12R22.5, 295/80R22.5, 305/70R22.5
E 65.080	650	800	700	2,5	Twin tire 11.00R20, 12R22.5, 315/80R22.5, 13/75R22.5, 315/75R22.5
E 69.070	650	700	660	2,5	Twin tire 11.00R20, 12R22.5, 315/80R22.5, 13/75R22.5, 315/75R22.5

All E-Types with reflector LH or RH

- Further details of the design, see separate Catalogue leaflet
- Material: E Types: PP copolymer, high impact resistant
 - R Types: PE, Metallocene quality

Type 8



6. Dunloflex Mudguard brackets



Overview:

Content

- Mudguard bracket of galvanized steel or KTL coated in OE quality
 - galvanized screws in OE quality
 - mounting screws made of stainless steel - for special applications such as liquid fertilizer spraying or sprayers
- Mudguard brackets made of plastic with a cover
- Plastic mudguard

6.1 Mudguard brackets made of steel

Available Versions:

- Bracket and Fixation Parts galvanized
- Bracket Electro galvanizes (KTL) with fixation parts from inextorable steel

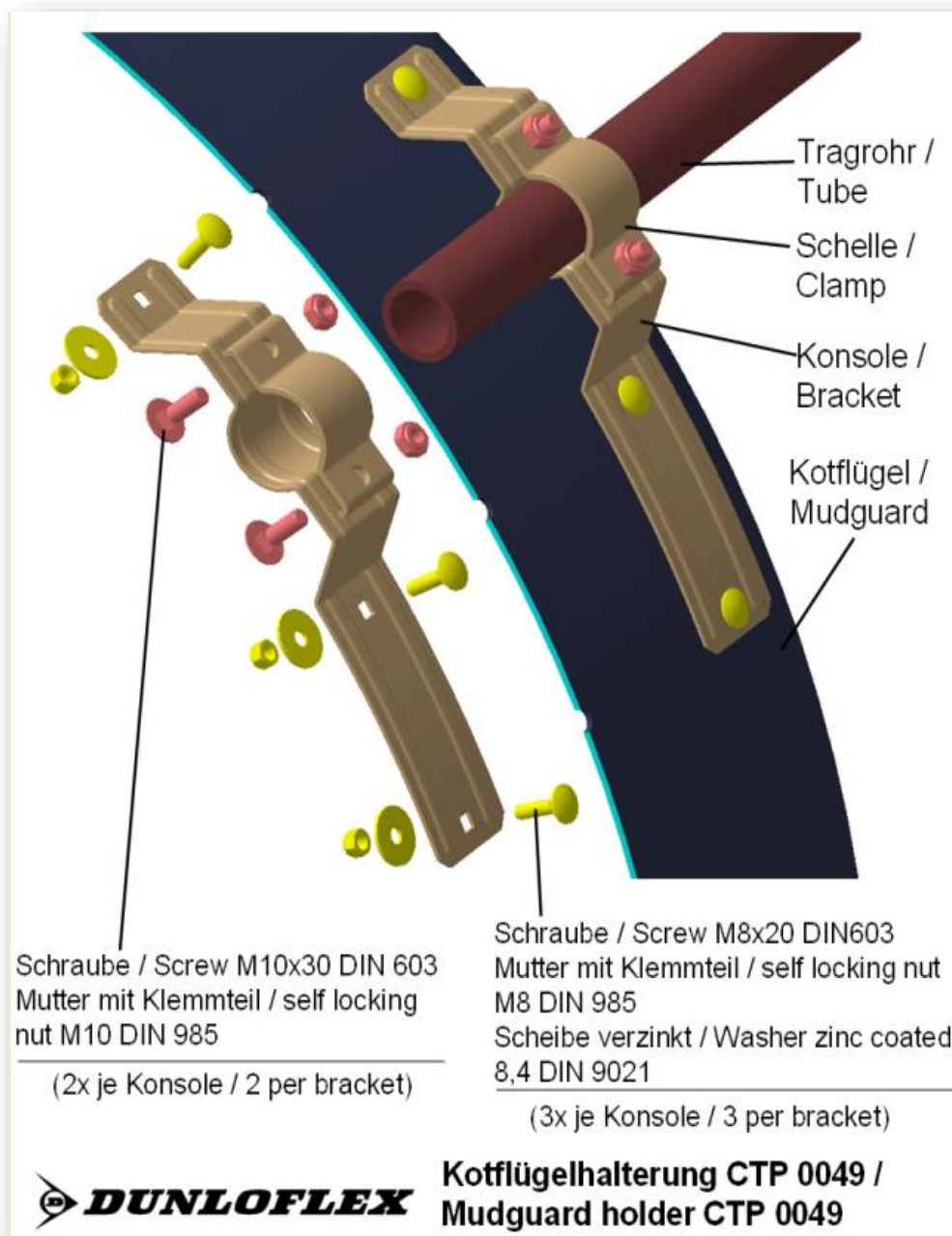
Please indicate tube diameter when placing the order

Tubes primed, with fixation plate and end cap

Article number	Mounting length mm	Tube diameter mm	Weight kg/pc
40-65-34	340	40/42,4	0,78
50-65-34	340	50/51	0,78
40-65-22	220	40/42,4	0,60
50-65-22	220	50/51	0,60



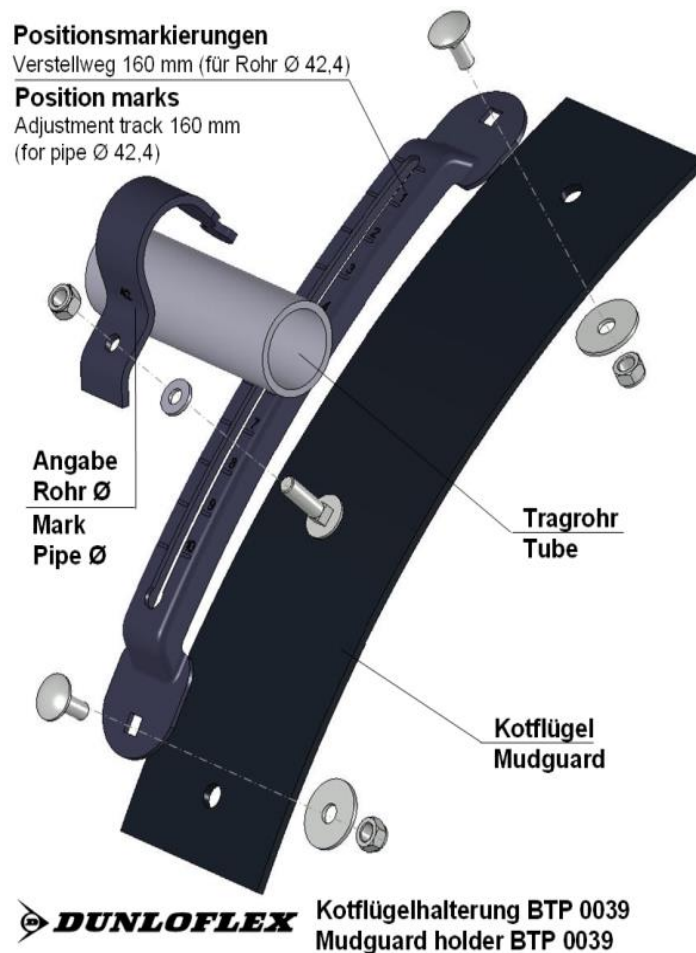
6.1.1 Mudguard mount, steel version



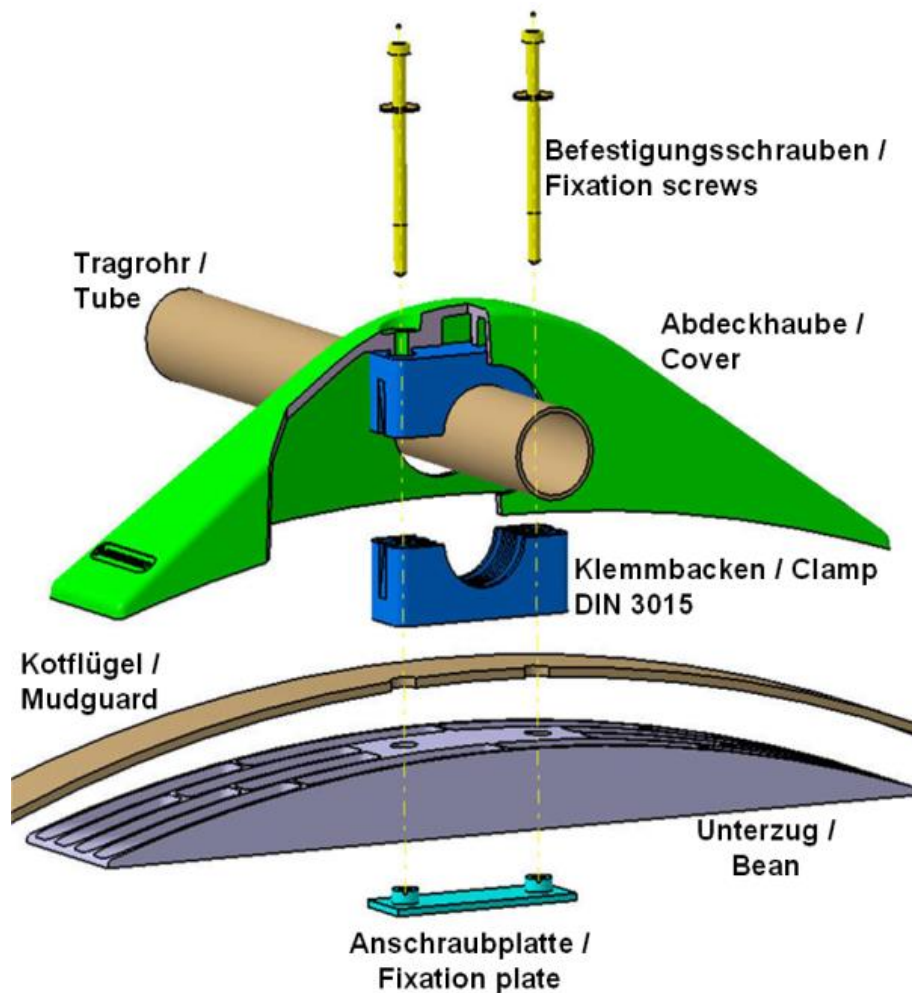
6.1.2 Mudguard mount, steel, adjustable

Article no.	Adjustment mm	Tube mm	Mudguard radius
000518	160mm	40/42mm	600-1000

Surface: black, painted
 Screws: galvanized



6.2 Mudguard mount, plastic version



Type  DUNLOFLEX	Mounting length mm	Tube Ø	Mudguard radius	weight kg
H 40.660	387	40	600 - 1000	0,55
H 42.660	387	42,4	600 - 1000	0,55
H 50.660	387	48,3 - 50	600 - 1000	0,55

6.2.1 References for mudguard mount, plastic version



Fender mount, plastic version

- Applicable for:
 - Trucks
 - trailers
 - Construction vehicles
 - Special vehicles

characteristics

- corrosion-free
- simply to mount
- low weight
- appealing design
- completely recyclable



7. Air bellows

7.1 Air bellows (fitting made of steel)

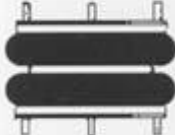
- for industrial vehicles –

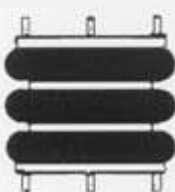


Type	Model	Max. diameter in mm	Static diameter in mm	Min. height in mm	Max. height in mm	Static height in mm	Stroke mm	Weight in kg
 convoluted	8" x 1	230	204	50	125	90	75	3,05
	10" x 1	280	254	50	150	100	100	3,9
	12" x 1	330	305	50	150	100	100	5,2
	14 ½" x 1	395	368	50	165	110	115	6,9

7.1 Air bellows (fitting made of steel)

- for industrial vehicles –

 double convoluted	6" x 2	175	155	70	190	130	120	2,7
	8" x 2	230	204	70	250	160	180	3,75
	10" x 2	280	254	70	270	170	200	5,0
	12" x 2	330	305	75	270	170	195	6,7
	14 ½" x 2	395	368	70	295	180	225	9,1
	16" x 2	440	406	75	325	200	250	9,7
	21 1/2" x 2	580	546	90	390	200	300	20,6

 triple convoluted	10" x 3	280	254	100	400	250	300	5,6
	12" x 3	330	305	120	430	250	310	8,1
	14 ½" x 3	395	368	120	450	280	330	11,0
	16" x 3	440	406	125	500	300	375	12,5

9.2 Air bellows (fitting made of aluminium)

- industrial application –

- Vibration control
- compression



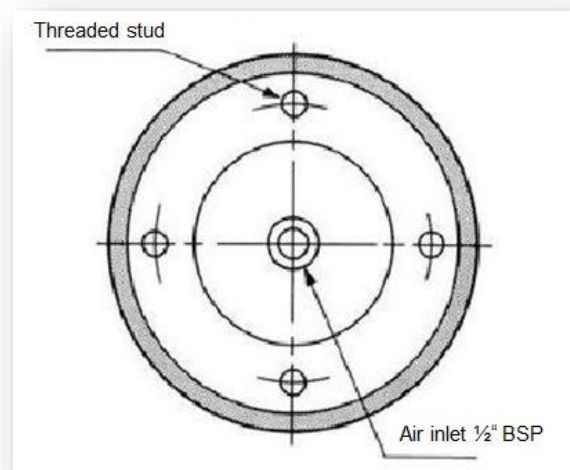
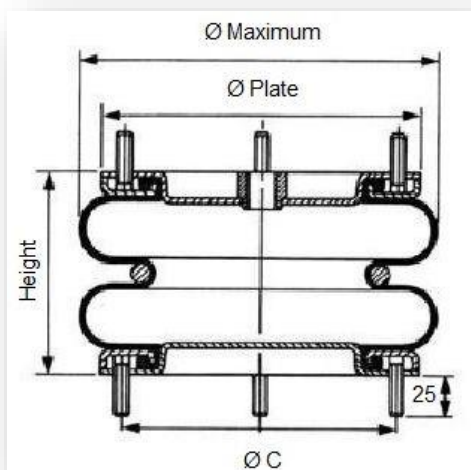
Type	Model	Max. diameter in mm	Static diameter in mm	Min. height in mm	Max. height in mm	Static height in mm	Stroke mm	Weight in kg
 convoluted	4 ½" x 1	125	110	45	90	65	45	0,8
	6" x 1	175	155	50	105	80	55	2,4

9.2 Air bellows (fitting made of aluminium)

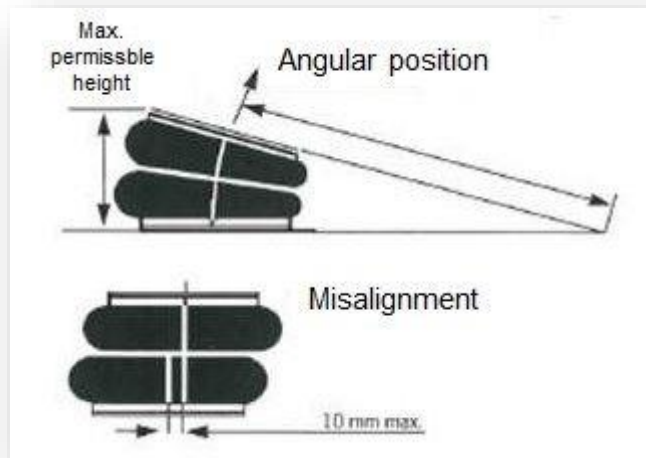
- industrial application -

- Vibration control
- compression

 double convoluted	2 ¾" x 2	80	78	65	150	90	50	0,2
	4 ½" x 2	125	110	65	145	100	80	1,0
	6" x 2	175	155	70	190	130	120	2,7
 triple convoluted	4 ½" x 3	125	110	100	200	145	100	1,2
	2 ¾" x 3	80	110	80	145	110	65	0,3
	6 x 3	175	155	102	275	190	173	3,0



Precaution in use air bellow



conditions of use:

Maximum operating pressure: 8 bar
Bursting 25-35bar
Max. 15 ° angular position
Max. axle center offset 10mm

Operating temperature:

Minimum temperature -30 °
Maximum temperature + 70 °

safety:

The specified maximum stroke must not be exceeded. The setup without maximum limitation is prohibited. The bellows must not be run on the specified pressures out without consultation. Minimum and maximum height shall be respected absolutely. The bellows must be securely mounted. The bellows must not be de-pressurized used. If necessary, is an internal buffer to use in order to avoid destruction of the bellows.