

Pipe Joint Type W60

Type W60 is a rubber-metal pipe joint for inhibiting noise and surface vibrations in piping on pumps, machines and apparatus.

TÜV approved for installation in heating systems with 100/110°C and 10/6 bar.

Design:

Cylindrical rubber buffer with vulcanized flange rings for accommodating the flange holes. The rubber metal pipe joint is self-sealing and no additional gaskets are required.

Application:

Building installations, hospitals and schools, in heating systems and in water, hot water systems; also suitable for use weak acids and lyes in industrial plants.

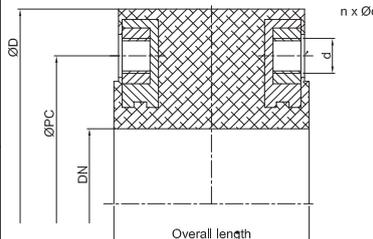
Material:

Rubber parts EPDM without inserts.
 Steel flange rings with threaded holes.
 Only manufactured in EPDM.



Design PN6

DN	Overall length	Bellows effec. area cm ²	Flange PN6				Weight kg
	mm		ØD mm	ØPC mm	Ød mm	n	
20	70	3	90	65	M10	4	1,0
25	70	5	100	75	M10	4	1,2
32	70	8	120	90	M12	4	1,7
40	70	13	130	100	M12	4	2,7
50	70	20	140	110	M12	4	3,1
65	70	33	160	130	M12	4	3,7
80	70	50	190	150	M16	4	4,0
100	70	79	210	170	M16	4	4,6
125	70	123	240	200	M16	8	4,8
150	70	177	265	225	M16	8	8,2
200*	70	314	320	280	M16	8	10,9



Design PN10

DN	Overall length	Bellows effec. area cm ²	Flange PN10				Weight kg
	mm		ØD mm	ØPC mm	Ød mm	n	
20	70	3	105	75	M12	4	1,7
25	70	5	115	85	M12	4	2,2
32	70	8	140	100	M16	4	3,3
40	70	13	150	110	M16	4	3,6
50	70	20	165	125	M16	4	4,4
65	70	33	185	145	M16	4	5,2
80	70	50	200	160	M16	8	5,7
100	70	79	220	180	M16	8	6,9
125	70	123	250	210	M16	8	8,1
150	70	177	295	240	M20	8	11,7
200	70	314	340	295	M20	8	15,5

*without TÜV

Installation information:

Reliable functioning requires perfect pipeline layout and precisely designed pipe anchors. The rubber- metal pipe connections should be installed stress-free. Installation gaps should be 70 mm. Tension, torsion or bending loads must be avoided.

Installation should be in an easily accessible location so that maintenance and checks can be carried out. If stress-free installation is not possible or if axial or radial movement is expected, then rubber compensators should be used. Additional gaskets are not required since the mating surface is of rubber. Assembly takes place with hexagon head cap screws and plain washers. Tightening torque is 30 Nm. Do not insulate pipe joints (overheating !).

