

Flange Adaptor „System 2000” restraint

for PVC pipes
up to PN 16

No. 0400

Material:

Flange and locking ring:
ductile iron,
epoxy powder coated

Lip seal: elastomer
suitable for potable water
(durably lubricated)

Flat gasket: elastomer

Grip ring: Ms 58
(from DN 300 Rg7)

Hexagonal bolts: A 2



Flanges to EN 1092-2

The use of lip seals enables the pipe to be pushed in with minimal force.

The flange to flange seal is incorporated onto the flange.

The pipe restraining system is effective separately from the sealing system and is activated by tightening the locking ring.

- Assembly:**
1. Chamfer the pipe end 30° and moisten, then
 - a) push the pipe end into the loosely assembled flange until it stops, or
 - b) push the loose bride onto the pipe end until it stops.
 2. Bolt up the locking ring until it stops. This shall be done only after firmly assembling the flange adaptor with the opposing flange

Double Chamber Flange Adaptor

up to PN 16

No. 5600 equal No. 5630 reducing

with reducing ring

Material:

Flange:
see table above right,
epoxy powder coated

Sleeve gasket:
elastomer, suitable for
potable water



for PVC pipes according to EN 1452-2, DIN 8061/8062
standard version: PN 10 - DIN 2501

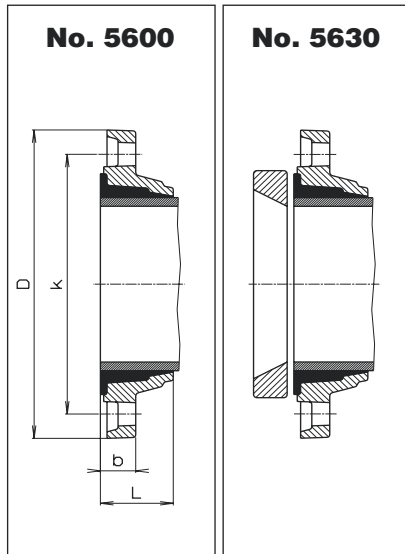
Flange DN	Pipe Ø mm	Flange Adaptor "System 2000"		Double Chamber Flange Adaptor			
				equal		reducing	
		No. 0400		No. 5600		No. 5630	
50	63	●	S	●	G		
60	63	●	S				
60	75	●	S	●	G		
65	63	●	S				
65	75			●	G		
80	75	●	S			●	G
80	90	●	S	●	G		
100	90	●	S				
100	110	●	S	●	G		
100	125	●	S				
125	110	●	S				
125	125	●	S				
125	140	●	S				
150	110					●	G
150	140	●	S			●	G
150	160	●	S	●	G		
150	180	●	S				
200	200	●	S*	●	S*		
200	225	●	S*	●	S*		
250	250	●	S*				
250	280	●	S*	●	S*		
300	315	●	S*	●	S*		
300	355	●	S*				
400	400	●	S*	●	S*		
400	450	●	S*				

Explanation:

* also available in PN 16
S of ductile iron G of grey iron

Assembly: Cut the pipe end square, do not chamfer or moisten – push the flange onto the pipe and then push the gasket on.

Flanged Connections for PVC pipes



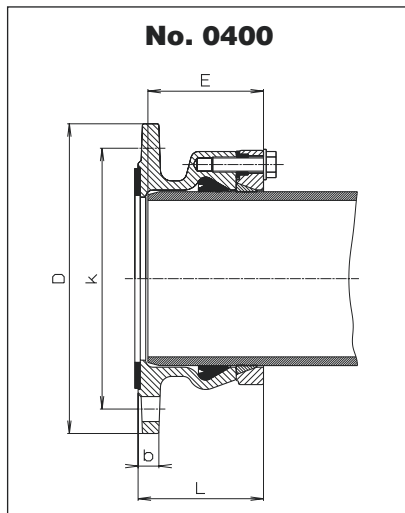
No. 5600

Flange DN	Pipe Ø mm	D	K	b	L (assembled)	Bolts		Weight kg
						Qty.	Thread	
50	63	165	125	24	54	4	M 16	2,0
60	75	175	135	24	54	4	M 16	2,6
65	75	185	145	24	54	4	M 16	3,0
80	90	200	160	25	60	8	M 16	3,2
100	110	220	180	26	62	8	M 16	4,1
150	160	285	240	29	66	8	M 20	6,7
200	200	340	295	31	93	8	M 20	9,4
200	225	340	295	24	92	8	M 20	7,9
250	280	400	350	32	114	12	M 20	15,5
300	315	445	400	33	117	12	M 20	15,8
400	400	565	515	33	134	16	M 24	27,0

No. 5630

Weight including reducer ring

Flange DN	Pipe Ø mm	D	K	b with reducer	L with reducer	Bolts		Weight kg
						Qty.	Thread	
80	75	200	160	50	78	8	M 16	5,1
150	110	285	240	62	94	8	M 20	12,0
150	140	285	240	63	97	8	M 20	8,5



No. 0400

Flange DN	Pipe Ø mm	D	K	E	b	L	Bolts		Weight kg
							Qty.	Thread	
50	63	165	125	80	19	90	4	M 16	3,6
60	63	175	135	80	19	90	4	M 16	3,8
60	75	175	135	82	19	92	4	M 16	4,0
65	63	185	145	80	19	90	4	M 16	4,3
65	75	185	145	82	19	92	4	M 16	4,3
80	75	200	160	82	19	92	8	M 16	5,0
80	90	200	160	85	19	95	8	M 16	5,5
100	90	220	180	85	19	95	8	M 16	6,8
100	110	220	180	85	19	95	8	M 16	6,2
100	125	220	180	87	19	97	8	M 16	7,0
125	110	250	210	85	19	95	8	M 16	7,8
125	125	250	210	87	19	97	8	M 16	8,2
125	140	250	210	93	19	103	8	M 16	8,5
150	140	285	240	93	19	103	8	M 16	11,3
150	160	285	240	105	19	115	8	M 20	10,5
150	180	285	240	115	19	125	8	M 20	11,6
200	200	340	295	125	20	135	8	M 20	18,0
200	225	340	295	128	20	138	8	M 20	16,0
250	250	400	350	145	22	155	12	M 20	22,0
250	280	400	350	148	22	158	12	M 20	29,0
300	315	455	400	174	25	184	12	M 20	44,0
300	355	455	400	237	25	277	12	M 20	61,0
400	400	565	515	230	25	242	16	M 24	97,0
400	450	565	515	260	25	302	16	M 24	81,0