



DAVINCI TECHNICAL DATA GUIDE

FLANGE ADAPTOR UNIVERSAL

Ref. 631A-ROV / PN 10-16



Application

Repair and maintenance of existing pipelines
Water supply and distribution networks
Potable and non-potable water systems
Pumping stations
Water treatment plants
Irrigation field
Industrial pipelines projects
HVAC installations

Approvals/Standards

Comply with DN545
Mounting with flanges: PN10/16 EN 1092-2, ISO 7005-2.
Pressure Tests acc. to EN 12266-1 Rate A.
Pressure Tests: Body: 1,5 x PN.

Range

DN40-600, PN10-16-25, ANSI B16.5 Class 125/150/250



GENERAL CHARACTERISTICS

Sizes DN40 to DN600.

Working pressure PN10/16.

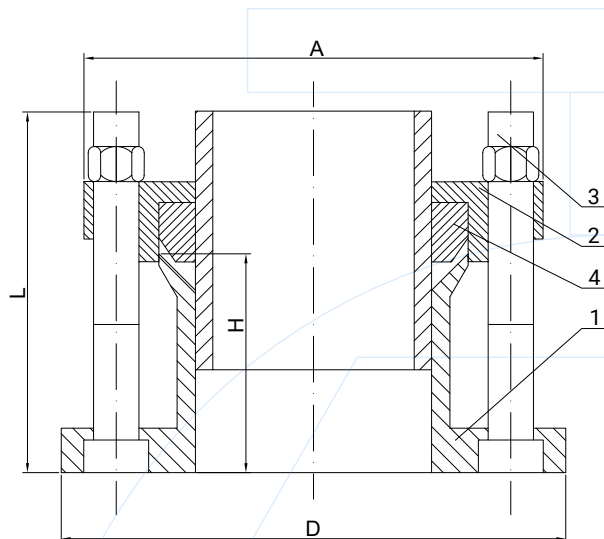
WRAS epoxy paint 250 microns:

WORKING CONDITIONS

Pressure ratings: 1.0 Mpa, 1.6 Mpa.

Working temperature: -10°C + 120°C (EPDM)

Working temperature: -10°C + 80°C (NBR)



Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.

Nº	ITEM	MATERIAL
1	End	GJS450-10
2	End ring	GJS450-10
3	Bolt	C.S. 8.8 Dacromet
4	Gasket	EPDM
	RAL 5015 Painting	Epoxy 250 µm

Pipe Flange	Range	Bolt L	No.	A	D	H	Weight (kg)	DI	Flange designation				GRP
									ST	PVC	AC	CI	
DN40	48-60	M12 x 130	2	150	150	80	2,8		□	#			+
DN50	59-72	M12 x 130	2	156	165	80	3,0		□	#	α	•	+
DN65	72-85	M12 x 130	2	174	190	80	3,9		□	#		•	+
DN80	88-103	M12 x 130	4	185	200	80	4,8	◇	□	#	α	•	+
DN100	96-116	M12 x 130	4	205	220	80	5,0	◇	□	#	α		
DN100	108-120	M12 x 130	4	210	220	80	5,3	◇	□	#			
DN100	105-125	M12 x 130	4	210	220	80	5,3	◇	□	#	α	•	
DN100*	109-128	M12 x 130	4	218	220	80	5,5	◇	□		α	•	+
DN125	132-146	M12 x 140	4	240	250	80	6,5		□				+
DN125	138-153	M12 x 140	4	246	250	80	6,6		□	#		•	+
DN150	158-172	M12 x 140	4	275	285	80	7,5	◇	□	#			
DN150	155-175	M12 x 140	4	275	285	80	7,5	◇	□	#			
DN150*	159-182	M12 x 140	4	280	285	80	7,6	◇	□	#	α	•	+
DN175	192-210	M12 x 140	4	312	340	80	11,0		□	#		•	
DN200	192-210	M12 x 140	4	312	340	80	11,2		□	#		•	
DN200	198-225	M12 x 140	4	320	340	80	12,0	◇	□	#		•	+
DN200*	218-235	M12 x 140	4	328	340	80	10,6	◇	□	#	α	•	+
DN250	242-262	M12 x 140	6	360	400	85	14,0		□	#	α	•	
DN250	250-267	M12 x 140	6	368	400	85	14,5			#	α	•	
DN250	250-274	M12 x 150	6	370	400	85	14,8	◇	□	#	α	•	+
DN250*	272-289	M12 x 150	6	382	400	85	14,9	◇	□	#	α	•	+



Pipe Flange	Range	Bolt L	No.	A	D	H	Weight (kg)	DI	ST	Flange designation			
										PVC	AC	CI	GRP
DN300	315-332	M12 x 150	6	430	455	85	17,9	◇	□	#			+
DN300	322-339	M12 x 150	6	435	455	85	17,0	◇	□		α	•	+
DN300	340-360	M12 x 170	6	455	455	85	35,0		□	#	α	•	
DN350*	340-360	M14 x 190	8	455	520	115	28,0		□	#	α	•	
DN350	351-378	M14 x 170	8	510	520	108	28,0	◇	□	#	α		+
DN350	374-391	M14 x 180	8	520	520	108	30,4	◇			α		
DN400	390-410	M14 x 150	8	530	580	108	33,5		□	#	α		
DN400*	398-430	M14 x 210	8	560	580	120	34,0	◇	□	#	α	•	+
DN400*	417-437	M14 x 180	8	555	580	108	35,0	◇			α	•	+
DN400	425-442	M14 x 180	8	560	580	108	34,1	◇				•	+
DN400*	450-463	M14 x 180	8	585	580	108	40,0		□	#	α	•	
DN450	436-462	M14 x 180	10	585	580	108	31,0	◇		#	α	•	
DN450*	455-475	M14 x 180	10	600	640	115	32,0		□		α		
DN450	476-500	M14 x 180	10	620	640	108	34,0	◇		#	α	•	
DN500	494-510	M14 x 180	10	620	715	114	49,5		□	#	α	•	
DN500*	500-508	M14 x 180	10	620	715	114	49,5		□	#	α	•	
DN500*	500-533	M14 x 210	10	680	715	124	50,0	◇	□	#			+
DN500	526-546	M14 x 180	10	663	715	120	49,0	◇			α	•	+
DN600	600-614	M14 x 180	10	730	840	114	62,0	◇	□	#			+
DN600	600-630	M14 x 180	10	725	840	114	60,0		□	#	α	•	
DN600*	608-636	M14 x 200	10	740	840	130	78,2	◇	□	#			+
DN600	630-650	M14 x 180	10	745	840	118	66,5	◇		#		•	
DN700	700-716	M16 x 180	12	850	910	114	72,0		□	#	α	•	
DN700*	710-739	M16 x 180	12	875	910	114	72,0	◇	□	#		•	+
DN800	800-816	M16 x 180	12	960	1025	128	112,0		□	#	α	•	
DN800*	816-842	M16 x 230	12	986	1025	128	120,0	◇			α	•	+

* Flange drillin PN25 and ANSI C150 available.



CONTACT US

DAVINCI VALVES ORDER REQUEST

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