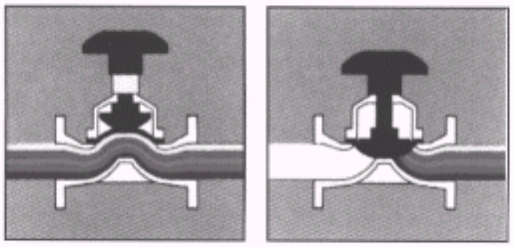
Από το 1882

ΧΡΥΣΑΦΙΔΗΣ Α.Ε.

ΒΑΛΒΙΔΕΣ ΜΕΜΒΡΑΝΗΣ SAUNDERS

ΤΥΠΟΙ ΚΑΙ ΔΙΑΣΤΑΣΕΙΣ ΒΑΛΒΙΔΩΝ

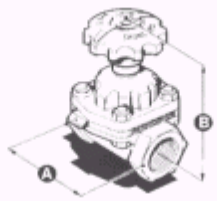
Τύπου Α (Καμπύλης ροής)
DN15 έως DN350



DN	Τύπου Α					
	ΦΛΑΝΤΖΩΤΕΣ BS 5156				ΒΙΔΩΤΕΣ	
	A (mm)			B (max.)	A (mm)	B (max.)
	ΧΩΡΙΣ ΕΠΙΚΑΛ.	HALAR ΓΥΑΛΙ	ΕΛΑΣΤ. ΕΠΙΚΑΛ.			
15	108	110	114	100	64	91
20	117	119	123	100	83	84
25	127	129	133	110	108	115
32	146	148	152	150	121	152
40	159	161	165	160	140	164
50	190	192	196	180	165	187
65	216	218	222	214	203	224
80	254	256	260	220	254	233
100	305	307	311	300		
125	356	358	361	375		
150	406	408	412	430		
200	521	523	527	507		
250	635	637	641	588		
300	749	751	755	683		
350	749	751	755	893		

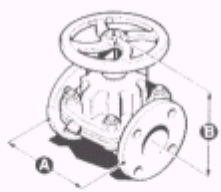
ΤΥΠΟΙ ΕΣΩΤΕΡΙΚΗΣ ΕΠΕΝΔΥΣΗΣ ΣΩΜΑΤΟΣ

ΥΛΙΚΟ	ΙΔΙΟΤΗΤΕΣ
Σκληρό καουτσούκ	Καλή χημική αντίσταση. Εξαιρετικό για ανόργανες βάσεις, άλατα, χλώριο, HCl
Μαλακό καουτσούκ	Πολύ καλή αντοχή σε σκόνες και κολλοειδή ρευστά . Πτωχή χημική αντίσταση.
Νεοπρένιο	Κατάλληλη για φυτικά και ζωϊκά λάδια και λίπη. Καλή μηχανική αντοχή
Βουτίλιο	Το πλέον εύχρηστο ελαστομερές με καλή αντιδιαβρωτική και μηχανική αντοχή
Πορσελάνη	Εξαιρετική αντοχή σε οξέα, αλογόνα, αλκοόλες, εστέρες
Halar	Εξαιρετική αντοχή σε οξέα, ανόργανες βάσεις, αλκοόλες, άλατα
Πολυπροπυλένιο	Μεγάλη αντοχή στα περισσότερα οργανικά υλικά, βάσεις, οξέα και ζεστά ρευστά (πλην ζεστού θειϊκού και χρωμικού οξέως)
PVDF	Εξαιρετική αντίσταση στα περισσότερα ανόργανα & οργανικά οξέα και βάσεις, αλκοόλες. Ακατάλληλο για θειϊκό οξύ, ακετόνη και ζεστά αλκαλικά ρευστά
ETFE	Ισχυρά οξέα, ανόργανες βάσεις, αλογόνα, αλκοόλες, εστέρες, κετόνες, αρωματικούς και αλιφατικούς υδρογονάνθρακες. Καλή μηχανική αντοχή



ΤΥΠΟΙ ΜΕΜΒΡΑΝΩΝ

ΤΥΠΟΣ	ΥΛΙΚΟ	ΕΦΑΡΜΟΓΕΣ
AA	Φυσικό καουτσούκ	Σκληρά ρευστά
B	Βουτίλιο	Αέρια, οξέα, βάσεις
C	Νιτρίλιο	Λάδια, λίπη
HT	Πολυχλωροπρένιο	Λάδια, λίπη, αέρας
Q	Φυσικό/συνθετικό καουτσούκ	Νερό, άλατα, οξέα
237	Hypalon	Πόσιμο νερό
300	Βουτίλιο	Πόσιμο νερό, φαρμακευτικά, αποστείρωση με ατμό
214/300	Αγνό PTFE με υπόστρωμα Βουτιλίου	Τρόφιμα, χημικά
325	Αιθυλένιο-προπυλένιο	Ζεστό νερό, φαρμακευτικά, αποστείρωση με ατμό



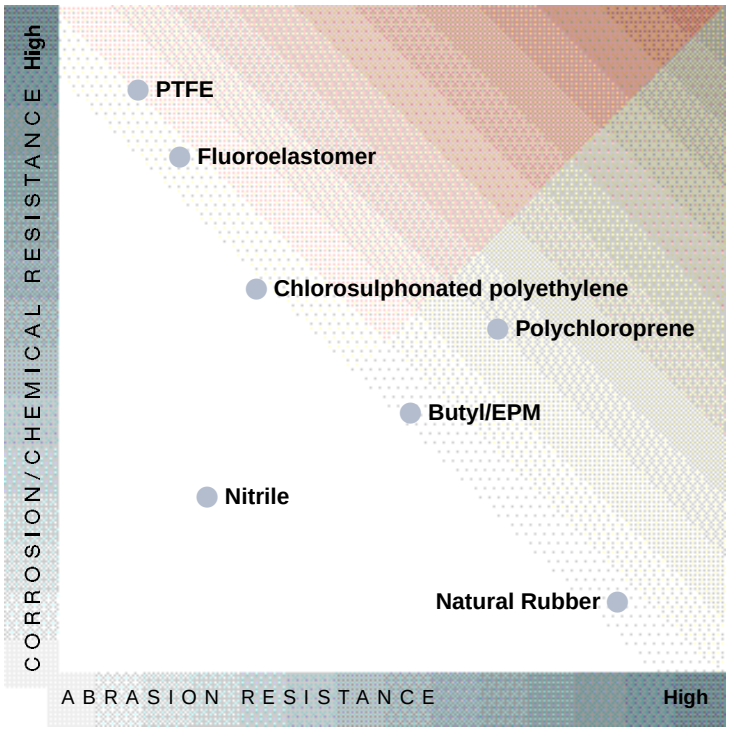
ΚΙΝΗΣΗ: Χειροκίνητες και με πνευματικό ή ηλεκτρικό κινητήρα

31/1/2003

Saunders A Type Diaphragm Valves

Diaphragm Materials

Diaphragm Materials – Visual Process Resistance Guide



Material	Grade
PTFE	214/214K
Fluoroelastomer	226
Chlorosulphonated polyethylene	237
Polychloroprene	HT
Nitrile	C, CV
Butyl	300, 300V
EPM	425, 425V
Natural Rubber	Q

Maximum working pressure (bar) – A Type valves

As with all valves, the application and environment have a major bearing on actual valve operating limits, but the following can be used as a guide to the maximum operational limits.

Bonnet assemblies with rubber diaphragm																	
Size DN	8	10	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
Non-rising handwheel														6	5	4	3.5
Rising handwheel	16	16	16	16	16	16	16	16	10	10	10	10	10				
WFB and tank cleaning							15		15								

Bonnet assemblies with PTFE faced diaphragm															
Size DN	8	10	15	20	25	32	40	50	65	80	100	125	150	200	250
Non-rising handwheel														6	5
Rising Handwheel	10	10	10	10	10	10	10	10	10	10	10	10	7		

Από το 1882

ΧΡΥΣΑΦΙΔΗΣ Α.Ε.

Saunders

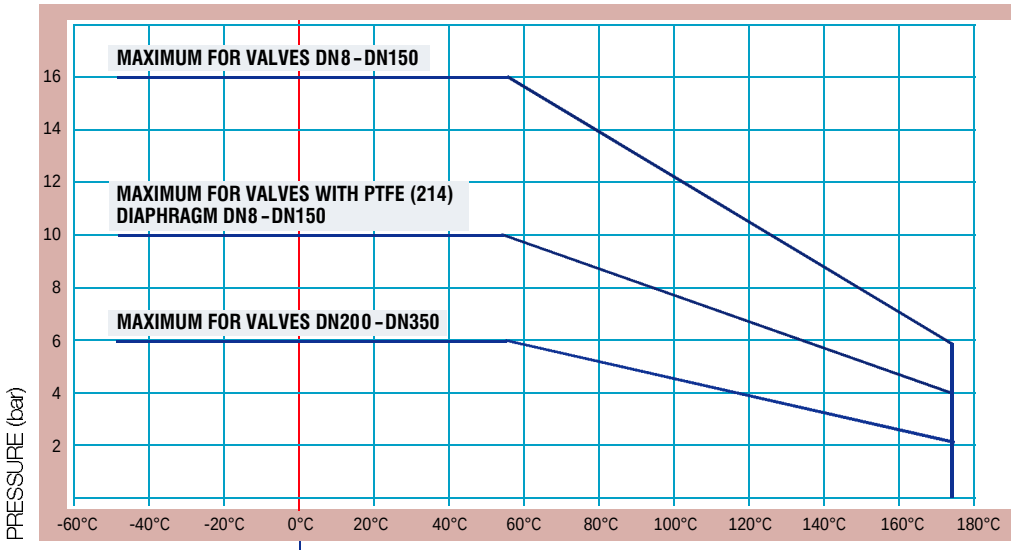
Diaphragm Performance

Temperature and Pressure Relationship

Diaphragm Temperature Type A (°C)

-5°	214/226	175°
-20°	214/425 & 214K/425	160°
-20°	214/300	150°
-50°	Q	100°
-20°	C & CV	100°
-30°	HT	100°
-5°	226	150°
-10°	237 & 286	100°
-40°	300 & 300V	130°
-40°	425 & 425V	130°

Valve Body Temperature/Pressure Relationship



Body Temperature Limit (°C)**

-10°	HARD RUBBER LINED	85°
-10°	POLYPROPYLENE LINED (P.P.)	85°*
-10°	BUTYL RUBBER LINED	110°
-10°	ETHYLENE TETRAFLUOROETHYLENE (ETFE)	150°
-10°	CAST IRON: UNLINED, GLASS LINED & PTFE LINED	175°
-10°	SG IRON: UNLINED AND PFA LINED	175°
-30°	OTHER METALS: CARBON STEEL, STAINLESS STEEL, COPPER ALLOYS	175°

Temperature bands for diaphragms are shown as a guide only. Many aspects of service conditions will determine the highest working temperature. For example, 325 diaphragms have given excellent performance under certain conditions up to 150°C.

* *Depends on body substrate material.*

** *When lined body is cast steel, minimum temperature is -30°C.*
When SGGrade EN-GJS-400-18-LT is used, minimum temperature is -20°C.

Μ.Γ.ΧΡΥΣΑΦΙΔΗΣ Α.Ε.: ΑΘΗΝΑ: ΑΓΡΙΝΙΟΥ 3 ΤΑΥΡΟΣ, ΤΗΛ.:210–4836315–20, ΦΑΧ:210–4817000. ΘΕΣ/ΚΗ: 2οΚΜ ΘΕΣ/ΚΗΣ–ΚΑΛΟΧΩΡΙΟΥ, ΤΗΛ.:2310–754681–3, ΦΑΧ:2310–751835

Από το 1882

ΧΡΥΣΑΦΙΔΗΣ Α.Ε.

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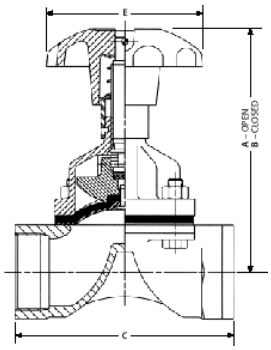
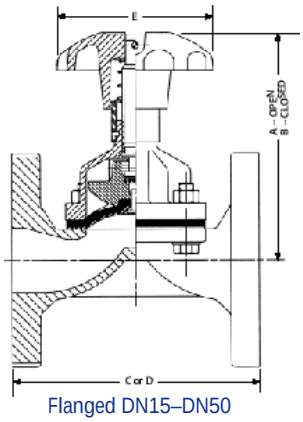
Saunders A Type Diaphragm Valves

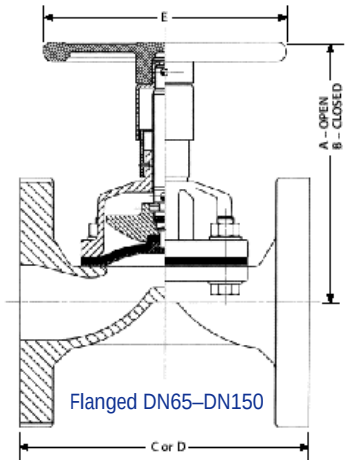
Dimensions and Weights



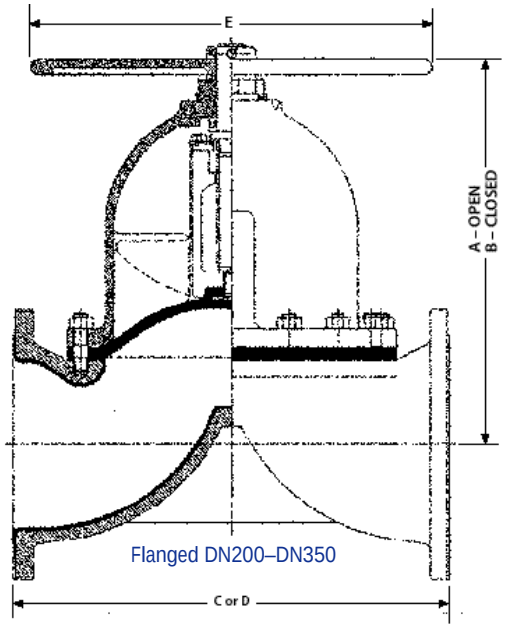
Screwed DN8–DN50



Flanged DN15–DN50



Flanged DN65–DN150



Flanged DN200–DN350

Valve Diameter (DN)

		8	10	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
Screwed	**A**	54	67	90	94	119	154	164	188	–	–	–	–	–	–	–	–	–
	B	52	61	84	88	108	142	148	164	–	–	–	–	–	–	–	–	–
	C	49	49	63.5	83	111	125	145	168	–	–	–	–	–	–	–	–	–
	Weight	0.11	0.15	0.45	0.90	1.13	1.80	2.70	5.00	–	–	–	–	–	–	–	–	–
Flanged	**A**	–	–	100	91	108	143	157	175	226	243	308	388	442	495	581	679	660
	B	–	–	93	85	98	131	141	152	194	208	262	322	367	–	–	–	–
	C	–	–	108	117	127	146	159	190	216	254	305	356	406	521	635	749	749
	D	–	–	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980
	Weight	–	–	1.80	1.80	2.70	4.00	4.90	7.70	14.0	19.0	31.7	48.0	62.1	152	270	360	506
Flanged Rubber Lined	**A**	–	–	–	97	111	146	160	177	229	246	311	391	445	498	585	683	664
	B	–	–	–	91	101	134	144	154	197	212	265	325	370	–	–	–	–
	C	–	–	–	121	131	150	163	194	220	258	309	362	412	527	641	755	755
	D	–	–	–	150	160	180	200	230	290	310	350	400	480	600	730	850	980
	Weight	–	–	–	2.70	3.10	4.50	5.40	8.20	15.0	20.4	33.1	49.2	63.0	154	273	365	512
Flanged Glass Lined	**A**	–	–	101	92	109	144	158	176	227	244	309	389	443	496	582	–	–
	B	–	–	94	86	99	132	142	153	195	210	263	323	368	–	–	–	–
	C	–	–	110	119	129	148	161	192	218	256	307	358	408	523	637	–	–
	D	–	–	130	150	160	180	200	230	290	310	350	360	480	600	730	–	–
	Weight	–	–	1.80	1.80	3.10	4.50	5.40	8.20	14.5	19.5	32.2	48.5	62.6	153	272	–	–
Flanged Plastic Lined	**A**	–	–	–	97	112	–	162	176	–	246	314	–	450	–	–	–	–
	B	–	–	–	91	102	–	145	155	–	211	267	–	374	–	–	–	–
	C	–	–	–	123	133	–	165	196	–	260	311	–	412	–	–	–	–
	D	–	–	–	150	160	–	200	230	–	310	350	–	480	–	–	–	–
	Weight	–	–	–	2.70	3.10	–	5.40	8.20	–	20.4	33.1	–	63.0	–	–	–	–
	E	38	50	62	62	80	120	120	120	170	230	280	280	368	482	584	699	699

Weights in kg. **C** valve length = EN 558-1 Series 7 (ex BS 5156). **D** valve length = EN 558-1 Series 1 (ex DIN 3202 Series F1).

Μ.Γ.ΧΡΥΣΑΦΙΔΗΣ Α.Ε.: ΑΘΗΝΑ: ΑΓΡΙΝΙΟΥ 3 ΤΑΥΡΟΣ, ΤΗΛ.:210–4836315–20, ΦΑΧ:210–4817000. ΘΕΣ/ΚΗ: 2οΚΜ ΘΕΣ/ΚΗΣ–ΚΑΛΟΧΩΡΙΟΥ, ΤΗΛ.:2310–754681–3, ΦΑΧ:2310–751835

Από το 1882

ΧΡΥΣΑΦΙΔΗΣ Α.Ε.

Saunders A Type Valve

Flow Co-efficient of Valve Range Cv (Kv)

DN 15

BODY MATERIAL/LINING	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	5.50	4.71	–	–	6.00	5.14	–	–
90	5.28	4.53	–	–	5.75	4.93	–	–
80	5.06	4.33	–	–	5.51	4.72	–	–
70	4.83	4.14	–	–	5.27	4.52	–	–
60	4.61	3.95	–	–	5.03	4.31	–	–
50	3.84	3.29	–	–	4.19	3.59	–	–
40	3.08	2.62	–	–	3.35	2.87	–	–
30	2.30	1.97	–	–	2.51	2.15	–	–
20	1.54	1.32	–	–	1.67	1.43	–	–
10	0.77	0.66	–	–	0.83	0.71	–	–
0	0	0	–	–	0	0	–	–

DN 20

BODY MATERIAL/LINING	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	11.50	9.86	9.20	7.89	12.00	10.29	6.50	5.59
90	11.03	9.45	9.00	7.71	11.51	9.87	6.24	5.35
80	10.57	9.06	8.80	7.54	11.03	9.45	5.98	5.13
70	10.12	8.67	8.40	7.20	10.55	9.04	5.72	4.90
60	9.66	8.28	7.70	6.60	10.07	8.63	5.45	4.67
50	8.05	6.90	6.70	5.74	8.39	7.19	4.54	3.89
40	6.43	5.51	5.50	4.71	6.71	5.75	3.63	3.11
30	4.83	4.14	4.10	3.51	5.03	4.31	2.72	2.33
20	3.21	2.75	2.50	2.14	3.35	2.87	1.81	1.55
10	1.60	1.37	1.00	0.86	1.67	1.43	0.90	0.77
0	0	0	0	0	0	0	0	0

DN 25

BODY MATERIAL/LINING	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	17.60	15.09	14.00	12.00	18.00	15.43	11.19	9.60
90	16.29	13.96	13.70	11.74	17.28	14.81	10.75	9.21
80	16.19	13.88	13.40	11.49	16.56	14.19	10.30	8.83
70	15.48	13.26	12.70	10.89	15.83	13.57	9.85	8.42
60	14.78	12.67	11.60	9.94	15.11	12.95	9.40	8.06
50	12.32	10.56	10.20	8.74	12.59	10.79	7.83	6.71
40	9.85	8.44	8.40	7.20	10.07	8.63	6.27	5.37
30	7.39	6.33	6.30	5.40	7.55	6.47	4.70	4.02
20	4.92	4.22	3.80	3.25	5.03	4.31	3.13	2.68
10	2.46	2.11	1.50	1.29	2.51	2.15	1.56	1.34
0	0	0	0	0	0	0	0	0

DN 32

BODY MATERIAL/LINING	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	27.50	23.57	22.00	18.86	28.00	24.00	16.70	14.31
90	26.39	22.61	21.12	18.10	26.88	23.04	16.03	13.74
80	25.29	21.68	20.24	17.35	25.75	22.07	15.36	13.17
70	24.20	20.74	19.35	16.59	24.64	21.11	14.69	12.59
60	23.09	19.79	18.47	15.83	23.51	20.15	14.02	12.02
50	19.25	16.50	15.39	13.19	19.60	16.80	11.69	10.02
40	15.39	13.19	12.32	10.57	15.67	13.43	9.35	8.01
30	11.54	9.89	9.23	7.91	11.75	10.07	7.01	6.01
20	7.69	6.59	6.16	5.28	7.83	6.71	4.67	4.00
10	3.84	3.29	3.08	2.62	3.91	3.35	2.33	1.98
0	0	0	0	0	0	0	0	0

DN 40

BODY MATERIAL/LINING	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	43.00	36.86	35.00	30.00	45.00	38.57	31.00	26.57
90	41.28	35.40	34.00	29.14	43.20	37.03	29.76	25.51
80	39.56	33.91	33.6	28.80	41.39	35.48	28.51	24.43
70	37.84	32.43	32.00	27.43	39.59	33.93	27.28	23.38
60	36.11	30.95	29.00	24.86	37.79	32.41	26.03	22.32
50	30.10	25.81	26.00	22.28	31.50	27.00	21.69	18.59
40	24.07	20.63	21.00	18.00	25.19	21.59	17.35	14.87
30	18.05	15.47	16.00	13.68	18.89	16.19	13.01	11.15
20	12.03	10.31	9.5	8.14	12.59	10.79	8.67	7.43
10	6.01	5.15	3.9	3.34	6.29	5.39	4.33	3.71
0	0	0	0	0	0	0	0	0

DN 50

BODY MATERIAL/LINING	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	80.00	68.61	64.00	54.89	88.00	75.47	59.00	50.60
90	76.80	65.86	63.00	54.03	84.48	72.45	56.00	48.00
80	73.59	63.11	61.00	52.31	80.96	69.43	54.00	46.29
70	70.40	60.37	58.00	49.71	77.43	66.40	52.00	44.57
60	67.19	57.62	53.00	45.43	73.91	63.38	50.00	42.86
50	56.00	48.03	47.00	40.29	61.69	52.82	41.00	35.14
40	44.79	38.39	38.00	32.57	49.28	42.24	33.00	28.28
30	33.59	28.79	29.00	24.86	36.95	31.67	25.00	21.43
20	22.39	19.19	17.00	14.57	24.64	21.11	16.00	13.71
10	11.19	9.60	7.00	6.00	12.32	10.56	8.00	6.86
0	0	0	0	0	0	0	0	0

DN 65

BODY MATERIAL/LINING	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	127.00	108.80	102.00	87.40	132.00	113.10	83.00	71.10
90	121.00	103.70	97.90	83.90	126.00	108.00	79.70	68.30
80	116.00	99.40	93.80	80.40	121.00	103.70	76.40	65.40
70	111.00	95.10	89.80	76.90	116.00	99.40	73.00	62.60
60	106.00	90.90	85.70	73.40	110.00	94.30	69.70	59.80
50	88.90	76.20	71.40	61.20	92.40	79.20	58.10	49.80
40	71.12	60.90	57.10	48.90	73.90	63.40	46.50	39.80
30	53.33	45.70	42.80	36.70	55.40	47.50	34.90	29.90
20	35.56	30.50	28.60	24.50	37.00	31.70	23.20	19.90
10	17.78	15.20	14.30	12.20	18.50	15.84	11.60	9.90
0	0	0	0	0	0	0	0	0

DN 80

BODY MATERIAL/LINING	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	185.00	158.60	148.00	126.90	186.00	159.40	148.00	126.90
90	177.00	151.70	145.00	124.30	178.00	152.60	142.00	121.70
80	170.00	145.70	142.00	121.70	171.00	146.60	136.00	116.60
70	162.00	138.90	135.00	115.70	163.00	139.70	130.00	111.40
60	155.00	132.90	123.00	105.40	156.00	133.70	124.00	106.30
50	129.00	110.60	108.00	92.60	130.00	111.40	103.00	88.30
40	103.00	88.30	89.00	76.30	104.00	89.10	82.90	71.00
30	77.70	66.60	67.00	48.90	78.10	67.00	62.20	44.70
20	51.80	44.40	40.00	34.30	52.10	44.60	41.40	35.50
10	25.90	22.20	16.00	13.70	26.00	22.30	20.70	17.80
0	0	0	0	0	0	0	0	0

Μ.Γ.ΧΡΥΣΑΦΙΔΗΣ Α.Ε.: ΑΘΗΝΑ: ΑΓΡΙΝΙΟΥ 3 ΤΑΥΡΟΣ, ΤΗΛ.:210–4836315–20, ΦΑΧ:210–4817000. ΘΕΣ/ΚΗ: 2οΚΜ ΘΕΣ/ΚΗΣ–ΚΑΛΟΧΩΡΙΟΥ, ΤΗΛ.:2310–754681–3, ΦΑΧ:2310–751835

Από το 1882

ΧΡΥΣΑΦΙΔΗΣ Α.Ε.

Saunders

DN 100	BODY MATERIAL/LINING							
	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	315	270	252	216	336	288	270	231
90	302	259	247	212	322	276	259	222
80	289	248	242	207	309	265	248	213
70	277	237	229	196	295	253	237	203
60	264	226	209	179	282	242	226	194
50	220	189	184	158	235	201	189	172
40	176	151	151	129	188	161	151	129
30	132	113	113	97	141	121	113	97
20	88.20	76	68	50	94.10	81	75.60	65
10	44.10	38	28	24	47.00	40	37.80	32.40
0	0	0	0	0	0	0	0	0

DN 125	BODY MATERIAL/LINING							
	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	420	360	363	311	440	377	–	–
90	403	345	348	298	422	362	–	–
80	386	331	333	285	404	346	–	–
70	369	316	319	273	387	332	–	–
60	352	302	304	261	369	316	–	–
50	294	252	254	218	308	264	–	–
40	235	201	203	174	246	211	–	–
30	176	151	152	130	184	158	–	–
20	117	100	101	87	123	105	–	–
10	59	49	51	44	62	53	–	–
0	0	0	0	0	0	0	–	–

DN 150	BODY MATERIAL/LINING							
	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	605	519	484	415	630	540	505	433
90	580	497	474	406	604	518	484	414
80	556	477	465	399	579	496	464	398
70	532	456	440	377	554	475	444	381
60	508	435	402	345	529	453	424	363
50	423	363	353	303	441	378	353	303
40	338	290	290	249	352	302	282	242
30	254	218	218	187	264	226	212	182
20	169	145	131	112	176	151	141	121
10	85	73	53	45	88	75	71	61
0	0	0	0	0	0	0	0	0

DN 200	BODY MATERIAL/LINING							
	Cast iron		Rubber Lined		Glass		Plastic Lined	
% Open	Cv	Kv	Cv	Kv	Cv	Kv	Cv	Kv
100	1300	1114	1309	1122	1320	1131	–	–
90	1248	1070	1256	1077	1267	1086	–	–
80	1196	1025	1204	1032	1214	1041	–	–
70	1144	981	1151	987	1161	995	–	–
60	1092	936	1099	942	1108	950	–	–
50	910	780	916	785	924	792	–	–
40	728	624	733	628	739	633	–	–
30	546	468	549	471	554	475	–	–
20	364	312	366	314	369	316	–	–
10	182	156	183	157	184	158	–	–
0	0	0	0	0	0	0	–	–

DN 250	BODY MATERIAL/LINING					
	Cast iron		Rubber Lined		Glass	
% Open	Cv	Kv	Cv	Kv	Cv	Kv
100	1980	1697	2000	1714	2100	1800
90	1900	1629	1920	1646	2015	1727
80	1821	1561	1840	1577	1932	1656
70	1742	1493	1760	1509	1848	1584
60	1663	1425	1679	1439	1763	1511
50	1386	1188	1400	1200	1470	1260
40	1108	950	1120	960	1176	1008
30	831	712	839	719	881	755
20	554	475	560	480	588	504
10	277	237	280	240	294	252
0	0	0	0	0	0	0

DN 300	BODY MATERIAL/LINING					
	Cast iron		Rubber Lined		Glass	
% Open	Cv	Kv	Cv	Kv	Cv	Kv
100	3700	3171	3750	3214	3880	3326
90	3552	3045	3600	3086	3724	3191
80	3404	2917	3450	2957	3569	3059
70	3256	2791	3300	2829	3414	2926
60	3107	2663	3149	2699	3259	2793
50	2590	2220	2625	2250	2716	2327
40	2072	1776	2100	1800	2172	1861
30	1553	1331	1574	1349	1629	1396
20	1036	888	1050	900	1086	931
10	518	444	525	450	543	465
0	0	0	0	0	0	0

DN 350	BODY MATERIAL/LINING					
	Cast iron		Rubber Lined		Glass	
% Open	Cv	Kv	Cv	Kv	Cv	Kv
100	3700	3171	3750	3214	3880	3326
90	3552	3045	3600	3086	3724	3191
80	3404	2917	3450	2957	3569	3059
70	3256	2791	3300	2829	3414	2926
60	3107	2663	3149	2699	3259	2793
50	2590	2220	2625	2250	2716	2327
40	2072	1776	2100	1800	2172	1861
30	1553	1331	1574	1349	1629	1396
20	1036	888	1050	900	1086	931
10	518	444	525	450	543	465
0	0	0	0	0	0	0

Note: Differing Cv & Kv rating can be derived, depending on the method used for testing. The tables above are based on British Standards 1042 and EN 605314/IEC 534.2.3 and show flow in US gallons per minute and cubic metres per hour.

Cv is flow in US gpm through valve at Δ P of 1 psi
Kv is flow in m^3/hr through valve at Δ P of 1 bar

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