

SYGEF Plus Diaphragm valve type 519 With butt fusion spigots metric

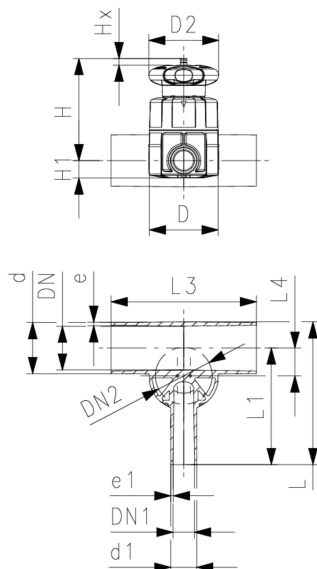
Model:

- Material: PVDF-HP
- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Handwheel with built-in locking mechanism
- Smallest possible dead space

Option:

- Individual configuration of the valve
- Self adjusting multifunctional module with integrated limit switches

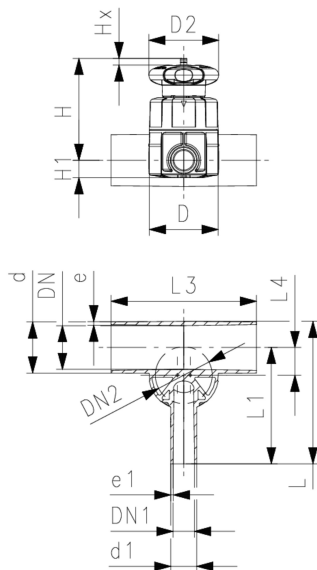
*O-ring material: FKM white



d (mm)	DN (mm)	PN (bar)	kv-value ($\Delta p=1$ bar) (L/min)	Size (inch)	PTFE/ EPDM* Code	PTFE/FKM* Code	Weight (kg)
20	15	10	57	½	181 519 301	181 519 501	0.350
25	20	10	89	¾	181 519 303	181 519 503	0.476
25	20	10	118	¾	181 519 304	181 519 504	0.633
32	25	10	80	1	181 519 307	181 519 507	0.692
32	25	10	105	1	181 519 308	181 519 508	0.721
32	25	10	231	1	181 519 309	181 519 509	0.889
40	32	10	85	1 ¼	181 519 312	181 519 512	0.963
40	32	10	119	1 ¼	181 519 313	181 519 513	0.812
40	32	10	153	1 ¼	181 519 314	181 519 514	0.845
40	32	10	187	1 ¼	181 519 315	181 519 515	0.866
50	40	10	86	1 ½	181 519 318	181 519 518	0.789
50	40	10	160	1 ½	181 519 319	181 519 519	0.905
50	40	10	206	1 ½	181 519 320	181 519 520	0.926
50	40	10	524	1 ½	181 519 321	181 519 521	2.381
50	40	10	667	1 ½	181 519 322	181 519 522	2.387
63	50	10	84	2	181 519 325	181 519 525	0.784
63	50	10	150	2	181 519 326	181 519 526	1.411
63	50	10	184	2	181 519 327	181 519 527	1.018
63	50	10	471	2	181 519 328	181 519 528	2.606
63	50	10	610	2	181 519 329	181 519 529	3.458
63	50	10	747	2	181 519 330	181 519 530	2.653
90	80	10	82	3	181 519 341	181 519 541	1.304
90	80	10	103	3	181 519 342	181 519 542	1.703
90	80	10	129	3	181 519 343	181 519 543	1.719
90	80	10	623	3	181 519 345	181 519 545	3.164
90	80	10	696	3	181 519 346	181 519 546	3.172
110	100	10	78	4	181 519 351	181 519 551	1.966
110	100	10	103	4	181 519 352	181 519 552	1.972
110	100	10	131	4	181 519 353	181 519 553	1.975
110	100	10	604	4	181 519 355	181 519 555	4.327
110	100	10	661	4	181 519 356	181 519 556	3.580
140	125	10	146	5	181 519 363	181 519 563	1.975
140	125	10	382	5	181 519 364	181 519 564	1.975
140	125	10	440	5	181 519 365	181 519 565	4.327
140	125	10	502	5	181 519 366	181 519 566	3.580
160	150	10	139	6	181 519 373	181 519 573	1.975
160	150	10	382	6	181 519 374	181 519 574	1.975
160	150	10	436	6	181 519 375	181 519 575	4.327
160	150	10	498	6	181 519 376	181 519 576	3.580

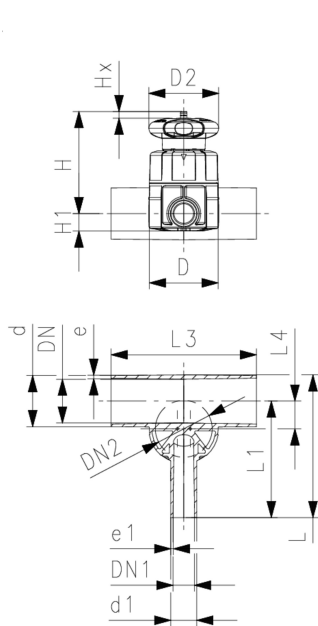
Data sheet

valid from: 9/23/21



d (mm)	D (mm)	D2 (mm)	H (mm)	H1 (mm)	L (mm)	L1 (mm)	L3 (mm)	L4 (mm)	e (mm)	Lift = Hx (mm)	closest inch (inch)	d1 (mm)	Valve Size d (mm)
20	65	65	75	14.0	117	96	162	12	1.9	7	½	20	20
25	80	65	80	17.5	133	108	162	16	1.9	10	¾	20	25
25	80	65	80	17.5	133	108	162	16	1.9	10	¾	25	25
32	80	65	84	21.5	142	120	162	19	2.4	10	1	20	25
32	80	65	84	21.5	142	120	162	19	2.4	10	1	25	25
32	88	87	107	21.5	145	120	160	19	2.4	13	1	32	32
40	88	87	115	21.5	149	128	180	23	2.4	13	1 ¼	20	32
40	88	87	115	21.5	149	128	180	23	2.4	13	1 ¼	25	32
40	88	87	115	21.5	149	128	180	23	2.4	13	1 ¼	32	32
40	88	87	115	21.5	174	153	180	23	2.4	13	1 ¼	40	32
50	80	65	97	17.5	160	134	180	27	3.0	10	1 ½	20	25
50	88	87	120	21.5	160	134	180	28	3.0	13	1 ½	25	32
50	88	87	120	21.5	160	134	180	28	3.0	13	1 ½	32	32
50	144	135	164	32.0	209	169	209	33	3.0	25	1 ½	40	63
50	144	135	164	32.0	209	169	209	33	3.0	25	1 ½	50	63
63	80	65	104	17.5	177	144	180	33	3.0	10	2	20	25
63	88	87	127	21.5	177	144	180	35	3.0	13	2	25	32
63	88	87	127	21.5	177	144	180	35	3.0	13	2	32	32
63	144	135	170	39.0	225	192	220	39	3.0	25	2	40	63
63	144	135	170	39.0	225	192	220	39	3.0	25	2	50	63
63	144	135	170	39.0	225	192	220	39	3.0	25	2	63	63
90	88	87	140	21.5	205	159	190	47	4.3	13	3	20	32
90	88	87	140	21.5	205	159	190	47	4.3	13	3	25	32
90	88	87	140	21.5	205	159	190	47	4.3	13	3	32	32
90	144	135	184	39.0	254	207	250	51	4.3	25	3	50	63
90	144	135	184	39.0	254	207	250	51	4.3	25	3	63	63
110	88	87	149	21.5	227	171	190	56	5.3	13	4	20	32
110	88	87	149	21.5	227	171	190	56	5.3	13	4	25	32
110	88	87	149	21.5	227	171	190	56	5.3	13	4	32	32
110	144	135	194	39.0	276	219	250	60	5.3	25	4	50	63
110	144	135	194	39.0	276	219	250	60	5.3	25	4	63	63
140	87	87	155	21.5	258	186	310	70	7.7	12		32	32
140	144	135	204	39.0	291	219	310	78	7.7	25		40	63
140	144	135	204	39.0	291	219	310	78	7.7	25		50	63
140	144	135	204	39.0	291	219	310	78	7.7	25		63	63
160	87	87	161	21.5	278	196	310	81	7.7	12		32	32
160	144	135	213	39.0	301	219	310	87	7.7	25		40	63
160	144	135	213	39.0	301	219	310	87	7.7	25		50	63
160	144	135	213	39.0	301	219	310	87	7.7	25		63	63

d (mm)	DN1 (mm)	DN2 (mm)	e1 (mm)
20	15	15	1.90
25	15	20	1.90
25	20	20	1.90
32	15	20	1.90
32	20	20	1.90
32	25	25	2.40
40	15	25	1.90
40	20	25	1.90
40	25	25	2.40
40	32	25	2.40
50	15	20	1.90
50	20	25	1.90
50	25	25	2.40
50	32	50	2.40
50	40	50	3.00
63	15	20	1.90



d	DN1	DN2	e1
(mm)	(mm)	(mm)	(mm)
63	20	25	1.90
63	25	25	2.40
63	32	50	2.40
63	40	50	3.00
63	50	50	3.00
90	15	25	1.90
90	20	25	1.90
90	25	25	2.40
90	40	50	3.00
90	50	50	3.00
110	15	25	1.90
110	20	25	1.90
110	25	25	2.40
110	40	50	3.00
110	50	50	3.00
140	25	25	2.65
140	32	50	2.65
140	40	50	3.30
140	50	50	3.30
160	25	25	2.65
160	32	50	2.65
160	40	50	3.30
160	50	50	3.30

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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