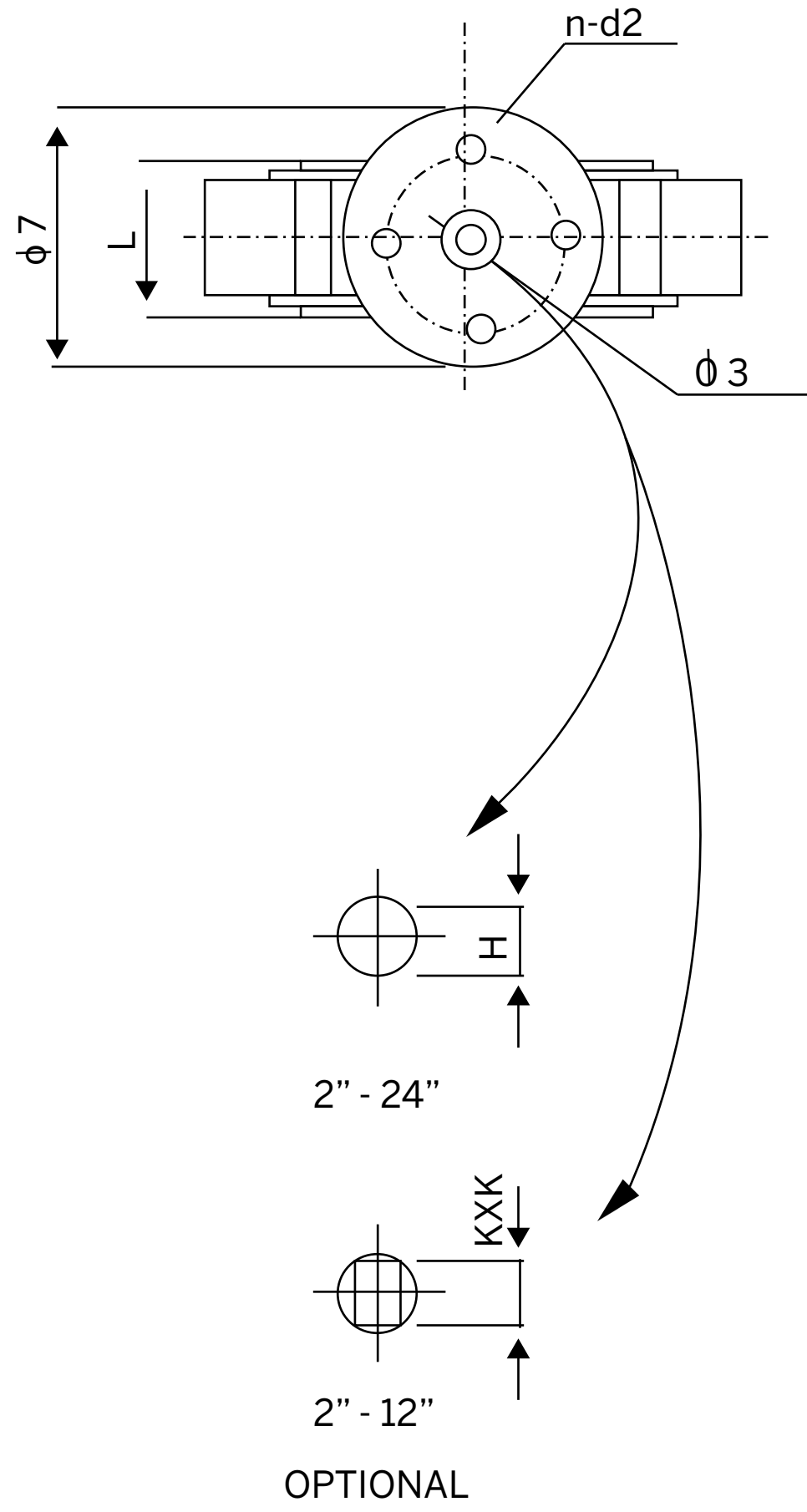
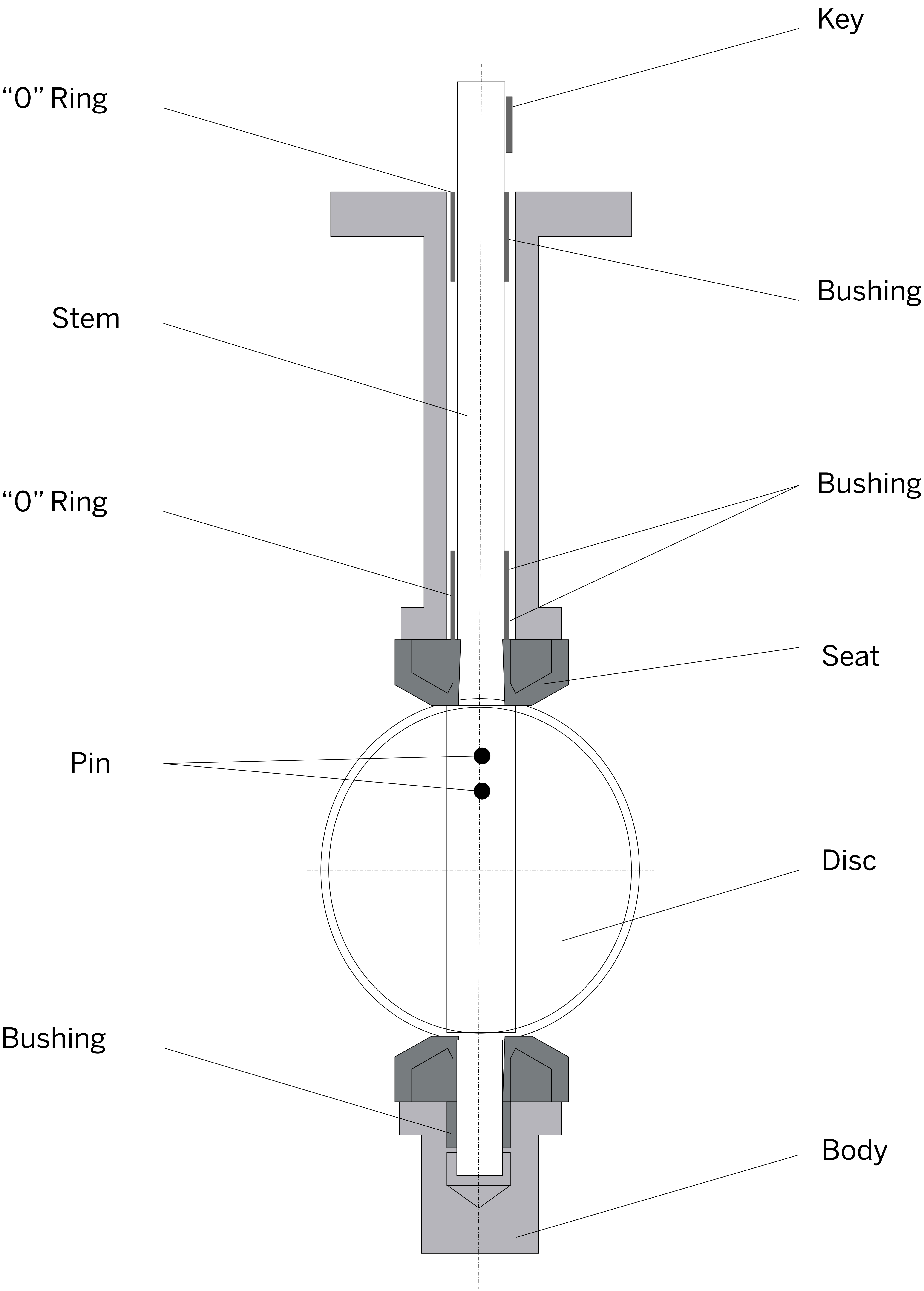
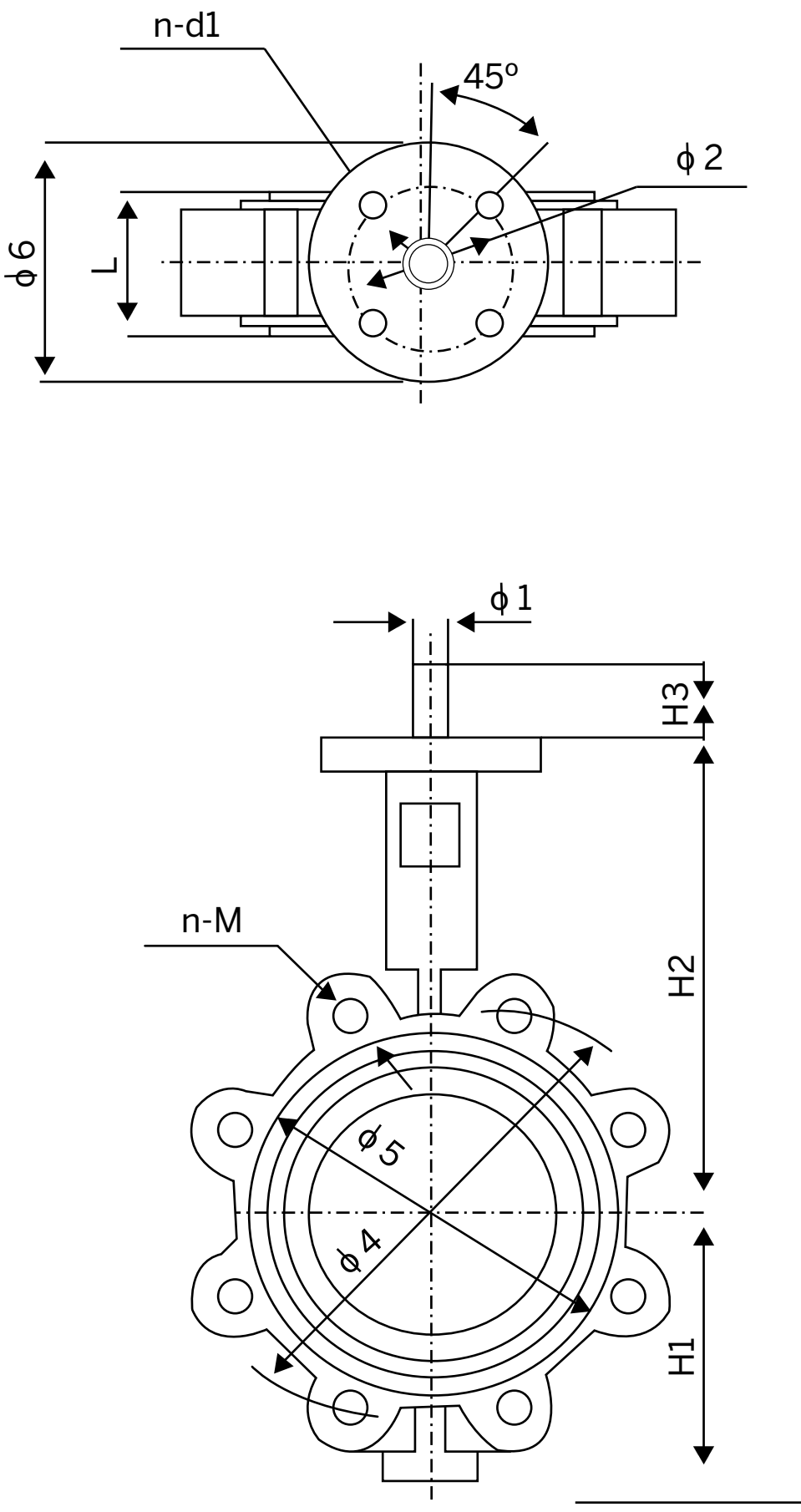




RESILIENT SEATED BUTTERFLY VALVES WITH PIN



PART MATERIAL			
Nº	PART NAME	MATERIAL	OPTIONAL MATERIALS
1	Body	Grey Cast Iron Standard ASTM A126 Grade B, DIN1691 GG25	Ductile Cast Iron, Stainless Steel WCB
2	Disc	Ductile Cast Iron (Nickel Plated or Nylon Coated) Standard ASTM A536 - 65-45-12, DIN1693 GGG40	Stainless Steel ASTM CF8M CF8 AL-BZ ASTM C954
3	Seat	Buna - N or EPDM	PTFE, VITON, NEOPRENE, HYPALON
4	Shaft	Stainless Steel Standard ASTM 316 410 416	Carbon Steel
5	Pin	Stainless Steel Standard ASTM 316 410 416	No optional
6	Key	Carbon Steel	No optional
7	"O" Ring	Buna - N or EPDM	No optional
8	Bushing	PTFE	Lubricated Bronze



DIMENSION LIST OF LUG TYPE (WITH PIN)

Size		H1	H2	H3	L	O1	O2	O3	O4			O5	O6	O7	n-M			n-d1	n-d2	H	K
mm	inch								ANSI B16.1	PN10	PN16				ANSI	PN10	PN16				
40	1.5"	60	130	32	36	13	50	57	98.5	110	110	82	70	80	4-1/2"-13	4-M16	4-M16	4-7	4-6.8	10	10
50	2"	76	162	32	45	13	50	57	120.65	125	125	88	70	80	4-5/8"-11	4-M16	4-M16	4-7	4-6.8	10	10
65	2.5"	80	175	32	48	13	50	57	139.7	145	145	108	70	80	4-5/8"-11	4-M16	4-M16	4-7	4-6.8	10	10
80	3"	95	181	32	49	13	50	57	152.4	160	160	118	70	80	4-5/8"-11	4-M16	8-M16	4-7	4-6.8	10	10
100	4"	114	200	32	55	16	70	70	190.5	180	180	156	90	90	8-5/8"-11	8-M16	8-M16	4-9.5	4-10.3	12	12
125	5"	127	213	32	58	19	70	70	215.9	210	210	181	90	90	8-3/4"-10	8-M16	8-M16	4-9.5	4-10.3	14	16
150	6"	140	225	32	59	19	70	70	241.3	240	240	210	90	90	8-3/4"-10	8-M20	8-M20	4-9.5	4-10.3	14	16
200	8"	173	260	45	64	22	102	89	298.45	295	295	260	125	120	8-3/4"-10	8-M20	12-M20	4-11.5	4-14.3	17	16
250	10"	203	292	45	70	29	102	89	361.95	350	355	321	125	120	12-7/8"-9	12-M20	12-M24	4-11.5	4-14.3	22	24
300	12"	237	337	45	80	32	102	108	431.8	400	410	384	125	140	12-7/8"-9	12-M24	12-M24	4-11.5	4-14.3	24	24
350	14"	279	368	45	80	32	102	108	476.25	460	470	400	125	140	12-1"-8	16-M20	16-M24	4-11.5	4-14.3	24	—
400	16"	404	400	51	90	33	165	159	539.75	515	525	465	210	197	16-1"-8	16-M24	16-M27	4-22.2	4-20.6	27	—
450	18"	362	422	51	109	38	165	159	577.85	565	585	514	210	197	16-1/8"-7	20-M24	20-M27	4-22.2	4-20.6	27	—
500	20"	368	479	64	135	41	165	159	635	620	650	559	210	197	20-1/8"-7	20-M24	20-M30	4-22.2	4-20.6	32	—
600	24"	444	562	70	156	51	165	216	749.3	725	770	686	210	286	20-1/4"-7	20-M27	20-M33	4-22.2	4-22	36	—
700	28"	520	624	72	169	55	254	254	—	840	840	795	300	300	—	24-M27	24-M33	8-18	8-18	—	—
750	30"	621	648	72	173	55	254	216	914.5	—	—	851	300	286	28-1/4"-7	—	—	4-22.2	8-18	—	—
800	32"	591	672	72	195	55	254	254	—	950	950	900	300	300	—	24-M30	24-M36	8-18	8-18	—	—
900	36"	623	768	77	211	75	254	254	1086	1050	1050	1002	300	300	32-1/2"-6	28-M30	28-M36	8-18	8-18	—	—
1000	40"	665	823	85	229	85	254	254	—	1160	1160	1111	300	300	—	28-M33	28-M39	8-18	8-18	—	—
1050	42"	777	858	85	261	85	254	254	1257.8	—	—	—	300	300	36-1/2"-6	—	—	8-18	8-18	—	—
1200	48"	955	880	150	285	92	298	298	1422.4	1380	1390	—	350	350	44-1/2"-6	32-M36	32-M45	8-22	8-22	—	—

SEAT TEMPERATURE RATINGS

Material		BUNA	Abrasive Resistant Buna-N	Neoprene	EPDM		EPDM Food Grade	Hypalon	Viton	High Temp. Viton	PTFE over BUNA - N	
					EPDM (2"-16")	EPDM (>18")					75PSI 2" - 12"	125PSI 2" - 12"
Temperature Ratings	°C	-12 82	-12 82	-7 93	-35 135	-35 110	-35 110	-32 135	-12 135	-12 382	4.4 135	4.4 121
	°F	10 180	10 180	20 200	-30 275	-35 225	-30 225	0 275	10 275	10 400	40 275	40 250

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