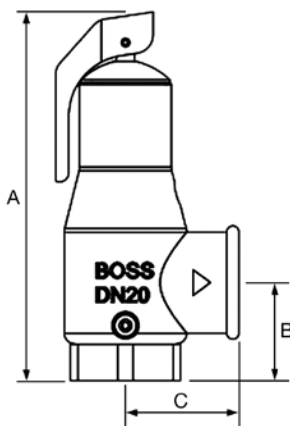


Relief Valves

Safety Relief Valve WRAS Listed – 960

Dimensions



Nominal Size		A	B	C	Weight
in	mm	mm	mm	mm	kg
½	15	100	33	26	0.48
¾	20	115	37	32	0.66
1	25	136	42	37	0.94
1¼	32	160	50	42	1.44
1½	40	203	59	50	2.64
2	50	230	69	59	4.66

For springs see page 8.3

Technical Specification

Connections	Screwed BSPT Female
Materials	Brass
Pressure range	0.3bar to 10bar (5psi-152psi)
Maximum temperature	200°C

Materials of Construction

Body	Gunmetal BS EN 1982 CB491K
Seat adaptor	Gunmetal BS EN 1982 CC491K
Seat seal holder	Gunmetal BS EN 1982 CC491K
Seat seal	PTFE
Spindle	Brass BS EN CW721R
Spring	Chrome Vanadium BS2803:750:A50:HS
Adjusting screw	Brass BS EN 12164 CW614N
Dome	Plastic
Lever	Gunmetal BS EN 1982 CB491K
'O' Ring seal	EPDM

Set Pressure Range							
Nominal Size		10psig	15psig	19psig	20psig	23psig	25psig
in	mm						
½	15	27620089	27620108	27620119	27620130	27620141	27620152
¾	20	27620344	27620355	27620366	27620377	27620388	27620399
1	25	27620621	27620632		27620643	27620654	27620665
1¼	32	27620868		27620879	27620890	27620909	27620920
1½	40	27621080	27621091	27621110	27621121	27621132	27621143
2	50	27621313	27621234	27621335	27621346	27621357	27621368

Nominal Size in mm		28psig	29psig	30psig	32psig	35psig	36psig
½	15	27620163		27620174		27620185	27620196
¾	20	27620407		27620418	27620429	27620440	27620451
1	25	27620676		27620687	27620698	27620706	27620717
1¼	32	27620931		27620942	27620953		
1½	40	27621154		27621165	27621176		27621187
2	50		27621379	27621390	27621409		27621420

Nominal Size in mm		40psig	41psig	45psig	49psig	50psig	60psig
½	15	27620204	27620215	27620226	27620237	27620248	
¾	20	27620462	27620473	27620484	27620495	27620503	27620514
1	25	27620728	27620739	27620750	27620761	27620772	
1¼	32		27620964	27620975	27620986		
1½	40		27621198	27621206	27621217		
2	50		27621431	27621442	27621453		

Unset Pressure Range					
Nominal Size		4-7psig	8-15psig	16-31psig	32-47psig
in	mm				
½	15	27620001	27620012	27620023	27620034
¾	20	27620259	27620270	27620281	27620292
1	25	27620525	27620536	27620547	27620558
1¼	32	27620783	27620794	27620802	27620813
1½	40	27620997	27621003	27621014	27621025
2	50	27621228	27621239	27621250	27621261

Nominal Size in mm		48-71psig	72-95psig	96-119psig	120-148psig
½	15	27620045	27620056	27620067	27620078
¾	20	27620300	27620311	27620322	27620333
1	25	27620569	27620580	27620591	27620610
1¼	32	27620824	27620835	27620846	27620857
1½	40	27621036	27621047	27621058	27621069
2	50	27621272	27621283	27621294	27621302

Springs for BOSS™ 960									
Spring Colour		White	Red	Yellow	Green	Brown	Blue	Purple	Black
Nominal Size		4-7	8-15	16-31	32-47	48-71	72-95	96-119	120-152
in	mm	psi	psi	psi	psi	psi	psi	psi	psi
½	15	22071107	22071173	22071236	22071310	22071376	22071439	22071502	22071568
¾	20	22071118	22071184	22071247	22071321	22071387	22071450	22071513	22071579
1	25	22071129	22071195	22071258	22071332	22071398	22071461	22071524	22071590
1¼	32	22071140	22071203	22071269	22071343	22071406	22071472	22071535	22071609
1½	40	22071151	22071214	22071280	22071354	22071417	22071483	22071546	22071620
2	50	22071162	22071225	22071291	22071365	22071428	22071494	22071557	22071631