

Размеры подсистем SPD

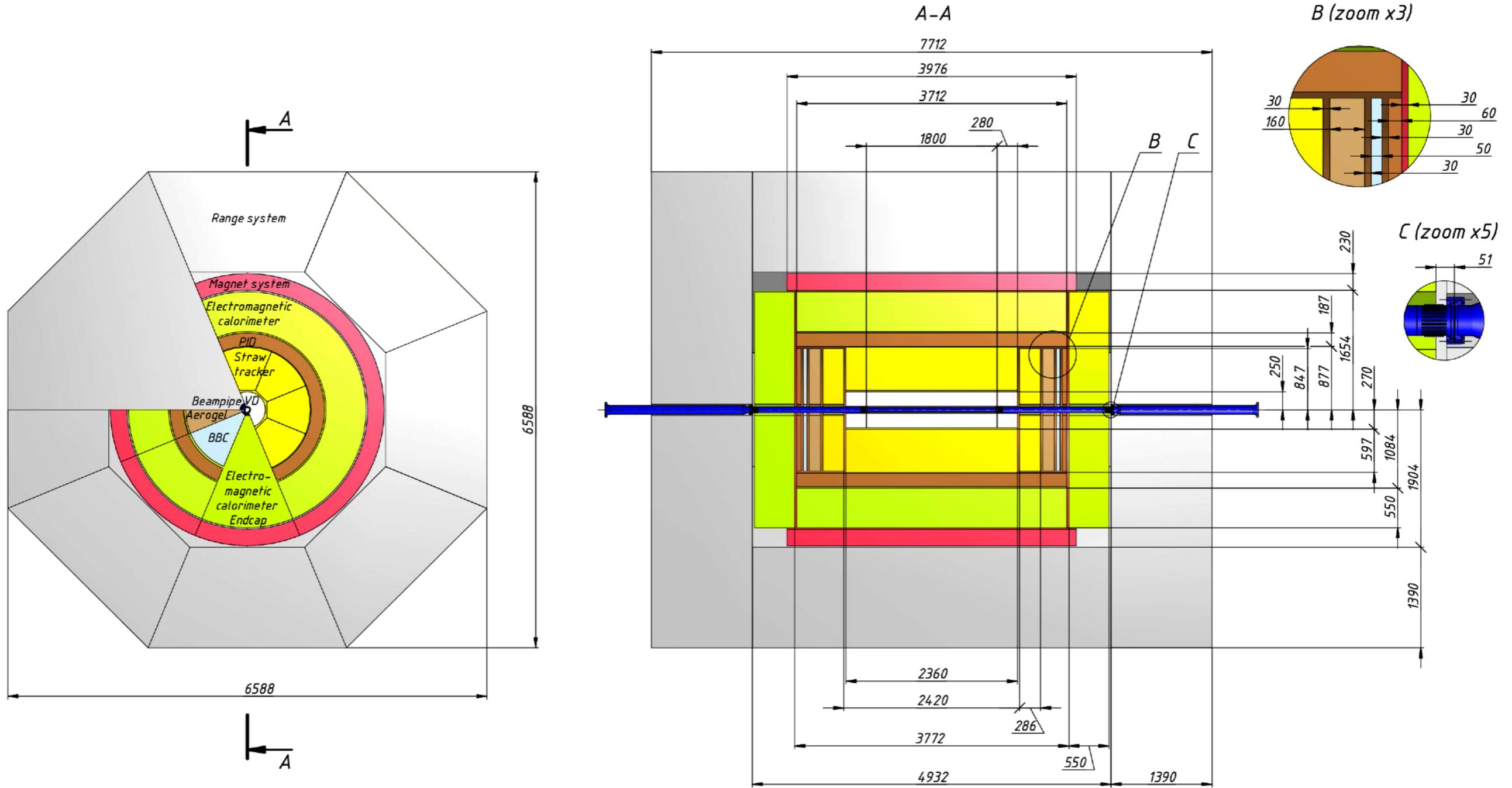


Table — Axial sizes of SPD layers.

№	Endcap (size in mm)		
	Layer	ΔZ	Z min/max
1	Beampipe	8980	-4490/4490
2	VD	2360	-1180/1180
3	Gap 1	30	-
4	ST	286	1210/1496
5	Gap 2	30	-
6	Aerogel	160	1526/1686
7	Gap 3	30	-
8	BBC	50	1716/1766
9	Gap 4	30	-
8	TOF	60	1796/1856
9	Gap 5	30	-
10	Ecal	550	1886/2436
9	Gap 6	30	-
11	Magnet	3976	-1988/1988
11	Gap 7	478	-
12	RS	1390	2466/3856

Table — Radial sizes of SPD barrel layers.

№	Barrel (size in mm)			
	Layer	ΔR	R min/max	\varnothing min/max
1	Beampipe	64	0/64	0/128
2	Gap 0	0	-	-
3	VD	186	64/250	128/500
4	Gap 1	20/42	-	-
5	TS	597	270/867	540/1734
6	Gap 2	10	-	-
7	TOF	187	877/1064	1754/2128
8	Gap 3	20	-	-
9	Ecal	550	1084/1634	2168/3268
10	Gap 4	20	-	-
11	Magnet	230	1654/1884	3308/3768
12	Gap 5	20/176	-	-
13	RS	1390	1904/3294	3808/6588

Радиальные и осевые габариты подсистем SPD

