● Standard type model number list (model: KSFHS / KSFS, thread size: 1/8 to 1)

●: Model availability

Male thread size						Model number	Minimum orifice diameter [mm]	Flow rate [L/min] at following pressure [MPa]							Spray angle at following pressure [MPa]			
1/8	1/4	3/8	1/2	3/4	1			0.05	0.1	0.2	0.3	0.5	0.7	1.0	0.1	0.3	0.5	0.7
●	●					00865	0.5	0.37	0.50	0.67	0.80	1.00	1.15	1.34	55°	65°	57°	43°
●	●					00890	0.5	0.37	0.50	0.67	0.80	1.00	1.15	1.34	80°	90°	74°	56°
●	●					0165	0.6	0.46	0.62	0.84	1.00	1.25	1.44	1.68	55°	65°	57°	43°
●	●					0190	0.6	0.46	0.62	0.84	1.00	1.25	1.44	1.68	80°	90°	74°	56°
●	●	●				01565	0.7	0.68	0.94	1.26	1.50	1.87	2.2	2.5	55°	65°	57°	43°
●	●	●				01590	0.7	0.68	0.94	1.26	1.50	1.87	2.2	2.5	80°	90°	74°	56°
●	●	●				0265	0.8	0.93	1.25	1.68	2.0	2.5	2.9	3.4	55°	65°	57°	43°
●	●	●				0290	0.8	0.93	1.25	1.68	2.0	2.5	2.9	3.4	80°	90°	74°	56°
●	●	●	●			0365	1.0	1.39	1.87	2.5	3.0	3.7	4.3	5.0	58°	65°	58°	45°
●	●	●	●			0390	1.0	1.39	1.87	2.5	3.0	3.7	4.3	5.0	82°	90°	74°	58°
●	●	●	●			0465	1.2	1.85	2.5	3.4	4.0	5.0	5.8	6.7	58°	65°	58°	45°
●	●	●	●			0490	1.2	1.85	2.5	3.4	4.0	5.0	5.8	6.7	82°	90°	74°	58°
●	●	●	●			04120W	1.2	1.85	2.5	3.4	4.0	5.0	5.8	6.7	115°	120°	103°	90°
●	●	●	●			0665	1.4	2.8	3.7	5.0	6.0	7.5	8.6	10.1	58°	65°	58°	45°
●	●	●	●			0690	1.4	2.8	3.7	5.0	6.0	7.5	8.6	10.1	82°	90°	76°	58°
●	●	●	●			06120W	1.4	2.8	3.7	5.0	6.0	7.5	8.6	10.1	115°	120°	103°	90°
●	●	●	●			0865	1.6	3.7	5.0	6.7	8.0	10.0	11.5	13.4	58°	65°	58°	45°
●	●	●	●			0890	1.6	3.7	5.0	6.7	8.0	10.0	11.5	13.4	82°	90°	76°	58°
	●	●	●			08120W	1.6	3.7	5.0	6.7	8.0	10.0	11.5	13.4	117°	120°	105°	92°
	●	●	●	●		1065	1.9	4.6	6.2	8.4	10.0	12.5	14.4	16.8	60°	65°	60°	48°
	●	●	●	●		1090	1.9	4.6	6.2	8.4	10.0	12.5	14.4	16.8	84°	90°	76°	60°
	●	●	●	●		10120W	1.9	4.6	6.2	8.4	10.0	12.5	14.4	16.8	117°	120°	105°	92°
	●	●	●	●		1565	2.2	6.9	9.4	12.6	15.0	18.7	21.6	25.2	60°	65°	60°	48°
	●	●	●	●		1590	2.2	6.9	9.4	12.6	15.0	18.7	21.6	25.2	84°	90°	76°	60°
	●	●	●	●		15120W	2.2	6.9	9.4	12.6	15.0	18.7	21.6	25.2	117°	120°	105°	92°
		●	●	●		2065	2.5	9.3	12.5	16.8	20.0	24.9	28.8	33.6	60°	65°	60°	48°
		●	●	●		2090	2.5	9.3	12.5	16.8	20.0	24.9	28.8	33.6	84°	90°	76°	60°
		●	●	●		20120W	2.5	9.3	12.5	16.8	20.0	24.9	28.8	33.6	117°	120°	105°	92°
			●	●		2565	2.8	11.6	15.6	21.0	25.0	31.2	36.0	42.0	60°	65°	60°	48°
			●	●		2590	2.8	11.6	15.6	21.0	25.0	31.2	36.0	42.0	84°	90°	76°	60°
			●	●		25120W	2.8	11.6	15.6	21.0	25.0	31.2	36.0	42.0	119°	120°	107°	94°
			●	●		3065	3.1	13.9	18.7	25.2	30.0	37.4	43.2	50.4	62°	65°	60°	48°
			●	●		3090	3.1	13.9	18.7	25.2	30.0	37.4	43.2	50.4	86°	90°	76°	63°
			●	●		30120W	3.1	13.9	18.7	25.2	30.0	37.4	43.2	50.4	119°	120°	107°	94°
			●	●		3565	3.4	16.2	21.8	29.4	35.0	43.6	50.4	58.8	62°	65°	60°	48°
			●	●		3590	3.4	16.2	21.8	29.4	35.0	43.6	50.4	58.8	86°	90°	76°	63°
			●	●		35120W	3.4	16.2	21.8	29.4	35.0	43.6	50.4	58.8	119°	120°	107°	94°
				●	●	4070	3.7	18.5	25.0	33.6	40.0	49.9	57.6	67.2	68°	70°	65°	53°
				●	●	4090	3.7	18.5	25.0	33.6	40.0	49.9	57.6	67.2	86°	90°	78°	63°
				●	●	40120W	3.7	18.5	25.0	33.6	40.0	49.9	57.6	67.2	121°	120°	109°	96°
				●	●	4570	4.0	20.8	28.1	37.8	45.0	56.1	64.8	75.6	68°	70°	65°	53°
				●	●	4590	4.0	20.8	28.1	37.8	45.0	56.1	64.8	75.6	88°	90°	78°	63°
				●	●	45120W	4.0	20.8	28.1	37.8	45.0	56.1	64.8	75.6	121°	120°	109°	96°
				●	●	5070	4.3	23.2	31.2	42.0	50.0	62.3	72.0	84.0	68°	70°	65°	53°
				●	●	5090	4.3	23.2	31.2	42.0	50.0	62.3	72.0	84.0	88°	90°	78°	65°
				●	●	50120W	4.3	23.2	31.2	42.0	50.0	62.3	72.0	84.0	121°	120°	109°	96°
					●	6070	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	68°	70°	65°	53°
					●	6090	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	88°	90°	78°	65°
					●	60120W	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	123°	120°	110°	98°
					●	7070	4.9	32.4	43.7	58.8	70.0	87.3	101	118	70°	70°	65°	55°
					●	7090	4.9	32.4	43.7	58.8	70.0	87.3	101	118	90°	90°	78°	65°
					●	70120W	4.9	32.4	43.7	58.8	70.0	87.3	101	118	123°	120°	110°	98°
					●	8070	5.2	37.1	49.9	67.3	80.0	99.7	115	134	70°	70°	65°	55°
					●	8090	5.2	37.1	49.9	67.3	80.0	99.7	115	134	90°	90°	78°	65°
					●	80120W	5.2	37.1	49.9	67.3	80.0	99.7	115	134	123°	120°	110°	98°
					●	9070	5.6	41.7	56.2	75.7	90.0	112	130	151	70°	70°	65°	55°
					●	9090	5.6	41.7	56.2	75.7	90.0	112	130	151	90°	90°	78°	65°
					●	90120W	5.6	41.7	56.2	75.7	90.0	112	130	151	125°	120°	111°	98°

● Standard type model number list (model: KSFH / KSFI, thread size: 1/8 to 1)

●: Model availability

Female thread size						Model number	Minimum orifice diameter [mm]	Flow rate [L/min] at following pressure [MPa]							Spray angle at following pressure [MPa]			
1/8	1/4	3/8	1/2	3/4	1			0.05	0.1	0.2	0.3	0.5	0.7	1.0	0.1	0.3	0.5	0.7
●	●					00865	0.5	0.37	0.50	0.67	0.80	1.00	1.15	1.34	55°	65°	57°	43°
●	●					00890	0.5	0.37	0.50	0.67	0.80	1.00	1.15	1.34	80°	90°	74°	56°
●	●					0165	0.6	0.46	0.62	0.84	1.00	1.25	1.44	1.68	55°	65°	57°	43°
●	●					0190	0.6	0.46	0.62	0.84	1.00	1.25	1.44	1.68	80°	90°	74°	56°
●	●	●				01565	0.7	0.68	0.94	1.26	1.50	1.87	2.2	2.5	55°	65°	57°	43°
●	●	●				01590	0.7	0.68	0.94	1.26	1.50	1.87	2.2	2.5	80°	90°	74°	56°
●	●	●				0265	0.8	0.93	1.25	1.68	2.0	2.5	2.9	3.4	55°	65°	57°	43°
●	●	●				0290	0.8	0.93	1.25	1.68	2.0	2.5	2.9	3.4	80°	90°	74°	56°
●	●	●	●			0365	1.0	1.39	1.87	2.5	3.0	3.7	4.3	5.0	58°	65°	58°	45°
●	●	●	●			0390	1.0	1.39	1.87	2.5	3.0	3.7	4.3	5.0	82°	90°	74°	58°
●	●	●	●			0465	1.2	1.85	2.5	3.4	4.0	5.0	5.8	6.7	58°	65°	58°	45°
●	●	●	●			0490	1.2	1.85	2.5	3.4	4.0	5.0	5.8	6.7	82°	90°	74°	58°
●	●	●	●			04120W	1.2	1.85	2.5	3.4	4.0	5.0	5.8	6.7	115°	120°	103°	90°
●	●	●	●			0665	1.4	2.8	3.7	5.0	6.0	7.5	8.6	10.1	58°	65°	58°	45°
●	●	●	●			0690	1.4	2.8	3.7	5.0	6.0	7.5	8.6	10.1	82°	90°	76°	58°
●	●	●	●			06120W	1.4	2.8	3.7	5.0	6.0	7.5	8.6	10.1	115°	120°	103°	90°
●	●	●	●			0865	1.6	3.7	5.0	6.7	8.0	10.0	11.5	13.4	58°	65°	58°	45°
●	●	●	●			0890	1.6	3.7	5.0	6.7	8.0	10.0	11.5	13.4	82°	90°	76°	58°
	●	●	●			08120W	1.6	3.7	5.0	6.7	8.0	10.0	11.5	13.4	117°	120°	105°	92°
	●	●	●	●		1065	1.9	4.6	6.2	8.4	10.0	12.5	14.4	16.8	60°	65°	60°	48°
	●	●	●	●		1090	1.9	4.6	6.2	8.4	10.0	12.5	14.4	16.8	84°	90°	76°	60°
	●	●	●	●		10120W	1.9	4.6	6.2	8.4	10.0	12.5	14.4	16.8	117°	120°	105°	92°
		●	●	●		1565	2.2	6.9	9.4	12.6	15.0	18.7	21.6	25.2	60°	65°	60°	48°
		●	●	●		1590	2.2	6.9	9.4	12.6	15.0	18.7	21.6	25.2	84°	90°	76°	60°
		●	●	●		15120W	2.2	6.9	9.4	12.6	15.0	18.7	21.6	25.2	117°	120°	105°	92°
		●	●	●		2065	2.5	9.3	12.5	16.8	20.0	24.9	28.8	33.6	60°	65°	60°	48°
		●	●	●		2090	2.5	9.3	12.5	16.8	20.0	24.9	28.8	33.6	84°	90°	76°	60°
		●	●	●		20120W	2.5	9.3	12.5	16.8	20.0	24.9	28.8	33.6	117°	120°	105°	92°
			●	●		2565	2.8	11.6	15.6	21.0	25.0	31.2	36.0	42.0	60°	65°	60°	48°
			●	●		2590	2.8	11.6	15.6	21.0	25.0	31.2	36.0	42.0	84°	90°	76°	60°
			●	●		25120W	2.8	11.6	15.6	21.0	25.0	31.2	36.0	42.0	119°	120°	107°	94°
			●	●		3065	3.1	13.9	18.7	25.2	30.0	37.4	43.2	50.4	62°	65°	60°	48°
			●	●		3090	3.1	13.9	18.7	25.2	30.0	37.4	43.2	50.4	86°	90°	76°	63°
			●	●		30120W	3.1	13.9	18.7	25.2	30.0	37.4	43.2	50.4	119°	120°	107°	94°
			●	●		3565	3.4	16.2	21.8	29.4	35.0	43.6	50.4	58.8	68°	65°	60°	48°
			●	●		3590	3.4	16.2	21.8	29.4	35.0	43.6	50.4	58.8	86°	90°	76°	63°
			●	●		35120W	3.4	16.2	21.8	29.4	35.0	43.6	50.4	58.8	119°	120°	107°	94°
				●	●	4070	3.7	18.5	25.0	33.6	40.0	49.9	57.6	67.2	68°	70°	65°	53°
				●	●	4090	3.7	18.5	25.0	33.6	40.0	49.9	57.6	67.2	86°	90°	78°	63°
				●	●	40120W	3.7	18.5	25.0	33.6	40.0	49.9	57.6	67.2	121°	120°	109°	96°
				●	●	4570	4.0	20.8	28.1	37.8	45.0	56.1	64.8	75.6	68°	70°	65°	53°
				●	●	4590	4.0	20.8	28.1	37.8	45.0	56.1	64.8	75.6	88°	90°	78°	63°
				●	●	45120W	4.0	20.8	28.1	37.8	45.0	56.1	64.8	75.6	121°	120°	109°	96°
				●	●	5070	4.3	23.2	31.2	42.0	50.0	62.3	72.0	84.0	68°	70°	65°	53°
				●	●	5090	4.3	23.2	31.2	42.0	50.0	62.3	72.0	84.0	88°	90°	78°	65°
				●	●	50120W	4.3	23.2	31.2	42.0	50.0	62.3	72.0	84.0	121°	120°	109°	96°
				●	●	6070	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	68°	70°	65°	53°
				●	●	6090	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	88°	90°	78°	65°
				●	●	60120W	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	123°	120°	110°	98°
					●	7070	4.9	32.4	43.7	58.8	70.0	87.3	101	118	70°	70°	65°	55°
					●	7090	4.9	32.4	43.7	58.8	70.0	87.3	101	118	90°	90°	78°	65°
					●	70120W	4.9	32.4	43.7	58.8	70.0	87.3	101	118	123°	120°	110°	98°
					●	8070	5.2	37.1	49.9	67.3	80.0	99.7	115	134	70°	70°	65°	55°
					●	8090	5.2	37.1	49.9	67.3	80.0	99.7	115	134	90°	90°	78°	65°
					●	80120W	5.2	37.1	49.9	67.3	80.0	99.7	115	134	123°	120°	110°	98°
					●	9070	5.6	41.7	56.2	75.7	90.0	112	130	151	70°	70°	65°	55°
					●	9090	5.6	41.7	56.2	75.7	90.0	112	130	151	90°	90°	78°	65°
					●	90120W	5.6	41.7	56.2	75.7	90.0	112	130	151	125°	120°	111°	98°
					●	10070	5.9	46.3	62.4	84.1	100	125	144	168	70°	70°	65°	55°
					●	10090	5.9	46.3	62.4	84.1	100	125	144	168	92°	90°	78°	65°
					●	100120W	5.9	46.3	62.4	84.1	100	125	144	168	125°	120°	111°	98°

● Standard type model number list (model: KSFS / KSFI, thread size: 1 1/4 to 2 1/2)

●: Model availability

Male thread size Model: KSFS				Female thread size Model: KSFI				Model number	Minimum orifice diameter [mm]	Flow rate [L/min] at following pressure [MPa]							Spray angle at following pressure [MPa]			
1 1/4	1 1/2	2	2 1/2	1 1/4	1 1/2	2	2 1/2			0.05	0.1	0.2	0.3	0.5	0.7	1.0	0.05	0.1	0.3	0.5
●				●				6070	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	63°	68°	70°	65°
●				●				6090	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	78°	88°	90°	78°
●				●				60120W	4.6	27.8	37.4	50.4	60.0	74.8	86.4	101	110°	123°	120°	110°
●				●				7070	4.9	32.4	43.7	58.8	70.0	87.3	101	118	65°	70°	70°	65°
●				●				7090	4.9	32.4	43.7	58.8	70.0	87.3	101	118	80°	90°	90°	78°
●				●				70120W	4.9	32.4	43.7	58.8	70.0	87.3	101	118	110°	123°	120°	110°
●				●				8070	5.2	37.1	49.9	67.3	80.0	99.7	115	134	65°	70°	70°	65°
●				●				8090	5.2	37.1	49.9	67.3	80.0	99.7	115	134	80°	90°	90°	78°
●				●				80120W	5.2	37.1	49.9	67.3	80.0	99.7	115	134	110°	123°	120°	110°
●				●				9070	5.6	41.7	56.2	75.7	90.0	112	130	151	65°	70°	70°	65°
●				●				9090	5.6	41.7	56.2	75.7	90.0	112	130	151	80°	90°	90°	78°
●				●				90120W	5.6	41.7	56.2	75.7	90.0	112	130	151	112°	125°	120°	111°
●	●			●	●			10070	5.9	46.3	62.4	84.1	100	125	144	168	65°	70°	70°	65°
●	●			●	●			10090	5.9	46.3	62.4	84.1	100	125	144	168	80°	92°	90°	80°
●	●			●	●			100120W	5.9	46.3	62.4	84.1	100	125	144	168	112°	125°	120°	111°
●	●			●	●			12570	6.6	57.9	78.0	105	125	156	180	210	67°	72°	70°	67°
●	●			●	●			12590	6.6	57.9	78.0	105	125	156	180	210	82°	94°	90°	81°
●	●			●	●			125120W	6.6	57.9	78.0	105	125	156	180	210	115°	128°	120°	111°
	●			●	●			15070	7.2	69.5	93.6	126	150	187	216	252	67°	72°	70°	67°
	●			●	●			15090	7.2	69.5	93.6	126	150	187	216	252	82°	94°	90°	81°
	●			●	●			150120W	7.2	69.5	93.6	126	150	187	216	252	115°	128°	120°	111°
	●				●			17570	7.8	81.1	109	147	175	218	252	294	67°	72°	70°	67°
	●				●			17590	7.8	81.1	109	147	175	218	252	294	84°	96°	90°	82°
	●				●			175120W	7.8	81.1	109	147	175	218	252	294	118°	131°	120°	112°
	●	●			●	●		20070	8.4	92.6	125	168	200	249	288	336	67°	72°	70°	67°
	●	●			●	●		20090	8.4	92.6	125	168	200	249	288	336	84°	96°	90°	82°
	●	●			●	●		200120W	8.4	92.6	125	168	200	249	288	336	118°	131°	120°	112°
		●			●	●		22570	8.9	104	140	189	225	280	324	378	67°	72°	70°	67°
		●			●	●		22590	8.9	104	140	189	225	280	324	378	84°	96°	90°	82°
		●			●	●		225120W	8.9	104	140	189	225	280	324	378	118°	131°	120°	112°
		●			●	●		2507	9.4	116	156	210	250	312	360	420	67°	72°	70°	67°
		●			●	●		25090	9.4	116	156	210	250	312	360	420	84°	96°	90°	82°
		●			●	●		250120W	9.4	116	156	210	250	312	360	420	118°	131°	120°	112°
		●			●	●		27570	9.9	127	172	231	275	343	396	462	67°	72°	70°	67°
		●			●	●		27590	9.9	127	172	231	275	343	396	462	84°	96°	90°	83°
		●			●	●		275120W	9.9	127	172	231	275	343	396	462	118°	131°	120°	113°
		●				●		30070	10.3	139	187	252	300	374	432	504	67°	74°	70°	67°
		●				●		30090	10.3	139	187	252	300	374	432	504	86°	98°	90°	83°
		●				●		300120W	10.3	139	187	252	300	374	432	504	121°	134°	120°	113°
		●				●		32570	10.7	151	203	273	325	405	468	546	67°	74°	70°	67°
		●				●		32590	10.7	151	203	273	325	405	468	546	86°	98°	90°	83°
		●				●		32512W	10.7	151	203	273	325	405	468	546	121°	134°	120°	113°
		●				●		35070	11.1	162	218	294	350	436	504	588	67°	74°	70°	67°
		●				●		35090	11.1	162	218	294	350	436	504	588	86°	98°	90°	83°
		●				●		350120W	11.1	162	218	294	350	436	504	588	121°	134°	120°	113°
		●	●			●	●	40070	11.9	185	250	336	400	499	576	672	67°	74°	70°	67°
		●	●			●	●	40090	11.9	185	250	336	400	499	576	672	86°	98°	90°	83°
		●	●			●	●	400120W	11.9	185	250	336	400	499	576	672	121°	134°	120°	113°
						●	●	50070	13.3	232	312	420	500	623	720	840	67°	76°	70°	67°
						●	●	50090	13.3	232	312	420	500	623	720	840	88°	100°	90°	84°
						●	●	500120W	13.3	232	312	420	500	623	720	840	123°	136°	120°	115°
							●	60070	14.5	278	374	504	600	748	864	1008	67°	76°	70°	67°
							●	60090	14.5	278	374	504	600	748	864	1008	88°	100°	90°	84°
							●	600120W	14.5	278	374	504	600	748	864	1008	123°	136°	120°	115°
							●	70070	15.7	324	437	588	700	873	1008	1176	67°	76°	70°	67°
							●	70090	15.7	324	437	588	700	873	1008	1176	88°	100°	90°	84°
							●	700120W	15.7	324	437	588	700	873	1008	1176	123°	136°	120°	115°
							●	80070	16.8	371	499	673	800	997	1153	1344	67°	76°	70°	67°
							●	80090	16.8	371	499	673	800	997	1153	1344	88°	100°	90°	84°
							●	800120W	16.8	371	499	673	800	997	1153	1344	123°	136°	120°	115°

● Standard type model number list (model: KSFI, thread size: 3 to 8)

●: Model availability

Female thread size					Model number	Minimum orifice diameter [mm]	Flow rate [L/min] at following pressure [MPa]							Spray angle at following pressure [MPa]			
3	4	5	6	8			0.03	0.05	0.07	0.1	0.15	0.2	0.3	0.03	0.07	0.15	0.3
●					90070	17	335	417	482	562	669	757	900	55°	70°	74°	71°
●					90090	17	335	417	482	562	669	757	900	73°	90°	95°	92°
●					900120W	17	335	417	482	562	669	757	900	108°	120°	127°	114°
●					100070	18	372	463	535	624	743	841	1000	55°	70°	74°	70°
●					100090	18	372	463	535	624	743	841	1000	73°	90°	94°	90°
●					1000120W	18	372	463	535	624	743	841	1000	110°	120°	124°	112°
	●				125070	20	465	579	669	780	929	1051	1250	57°	70°	73°	70°
	●				125090	20	465	579	669	780	929	1051	1250	75°	90°	94°	90°
	●				1250120W	20	465	579	669	780	929	1051	1250	110°	120°	124°	112°
	●				150070	22	558	695	803	936	1114	1261	1500	58°	70°	73°	70°
	●				150090	22	558	695	803	936	1114	1261	1500	77°	90°	93°	88°
	●				1500120W	22	558	695	803	936	1114	1261	1500	112°	120°	121°	110°
		●			175070	24	651	811	937	1092	1300	1471	1750	60°	70°	72°	68°
		●			175090	24	651	811	937	1092	1300	1471	1750	78°	90°	93°	88°
		●			1750120W	24	651	811	937	1092	1300	1471	1750	112°	120°	121°	110°
		●			200070	26	744	926	1071	1248	1486	1681	2000	62°	70°	72°	68°
		●			200090	26	744	926	1071	1248	1486	1681	2000	80°	90°	92°	86°
		●			2000120W	26	744	926	1071	1248	1486	1681	2000	115°	120°	118°	107°
		●			250070	29	930	1158	1338	1560	1857	2102	2500	64°	70°	71°	68°
		●			250090	29	930	1158	1338	1560	1857	2102	2500	83°	90°	92°	86°
		●			2500120W	29	930	1158	1338	1560	1857	2102	2500	115°	120°	118°	107°
			●		300070	32	1115	1390	1606	1872	2229	2522	3000	66°	70°	71°	68°
			●		300090	32	1115	1390	1606	1872	2229	2522	3000	85°	90°	90°	85°
			●		3000120W	32	1115	1390	1606	1872	2229	2522	3000	117°	120°	115°	105°
			●		350070	34	1301	1621	1873	2184	2600	2942	3500	66°	70°	70°	66°
			●		350090	34	1301	1621	1873	2184	2600	2942	3500	88°	90°	90°	85°
			●		3500120W	34	1301	1621	1873	2184	2600	2942	3500	117°	120°	115°	105°
			●		400070	37	1487	1853	2141	2496	2971	3363	4000	68°	70°	70°	66°
			●		400090	37	1487	1853	2141	2496	2971	3363	4000	88°	90°	88°	83°
			●		4000120W	37	1487	1853	2141	2496	2971	3363	4000	119°	120°	113°	103°
				●	500070	41	1859	2316	2676	3120	3714	4203	5000	70°	70°	69°	66°
				●	500090	41	1859	2316	2676	3120	3714	4203	5000	90°	90°	88°	82°
				●	5000120W	41	1859	2316	2676	3120	3714	4203	5000	120°	120°	113°	101°
				●	600070	45	2231	2779	3212	3744	4457	5044	6000	70°	70°	69°	66°
				●	600090	45	2231	2779	3212	3744	4457	5044	6000	90°	90°	88°	82°
				●	6000120W	45	2231	2779	3212	3744	4457	5044	6000	120°	120°	113°	101°

＊Method to calculate spray angles

- The spray angle for nozzle model numbers 80120W or less is calculated from the effective spray diameter at a distance of 300 mm when spraying downward.
- The spray angle for nozzle model numbers 9070 or more and 800120W or less is calculated from the effective spray diameter at a distance of 500 mm when spraying downward.
- The spray angle for nozzle model numbers 90070 or more is calculated from the effective spray diameter at a distance of 1000 mm when spraying downward.

●Model and Model Number representing

K S F S — 0690

- 1/4 — Thread size
- S — Material
  - S - Stainless steel
  - B - Brass
  - P - Plastics (PVC)
  - PP - Plastics (PP)
  - CE - Ceramics
  - H - Nickel alloy
- 0690 — Model number