KG Series Heat Rejection Capacity
KG-S Line (Normal Type)
STANDARD Type Circulating Water Flowrate (l/s) SI Units

Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Inlet Water Temperature °C	20	22	23	22	25	23	25	26	25	28	26	28	29	28	31	28	30	31	30	33	31	33	34	33	36	34	36	37	36	39	37	39	40	39	42	39	41	42	41	44	42.2	44.2	45.2	44.2	47.2	32	35.00	37	37
Outlet Water Temperature °C	14	16	17	14	17	17	19	20	17	20	20	22	23	20	23	22	24	25	22	25	25	27	28	25	28	28	30	31	28	31	31	33	34	31	34	33	35	36	33	36	36.2	38.2	39.2	36.2	39.2	27	29.44	32	32
Wet Bulb °C	10	10	10	10	10	13	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	24	24	24	24	24	27	27	27	27	27	29	29	29	29	29	29	32.2	32.2	32.2	32.2	32.2	21	25.56	27	28
Range °C	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	5	5.56	5	5
Approach °C	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	6	7	4	6	7	4	7	4	6	7	4	7	6	3.89	5	4
Normal Type																																																	
KG-SQN201-A	-	-	-	-	-	-	-	14.6	-	-	-	14.4	16.5	-	13.7	-	15.7	17.9	-	14.9	-	17.8	20.3	-	17.0	14.7	20.2	23.0	-	19.3	16.8	23.0	26.2	14.4	22.1	18.4	25.1	28.6	15.8	24.1	21.2	28.9	32.8	18.3	27.8	20.0	16.1	22.2	19.6
KG-SQN201-B	-	-	14.7	-	-	-	14.5	16.5	-	13.8	-	16.3	18.7	-	15.6	-	17.7	20.3	-	16.9	14.6	20.1	23.0	-	19.2	16.7	22.9	26.1	14.3	21.9	19.0	26.1	29.7	16.3	25.0	20.8	28.5	32.3	17.9	27.3	24.1	32.8	37.2	20.7	31.5	22.6	18.3	25.2	22.1
KG-SQN201-C	-	15.4	17.6	-	14.6	-	17.3	19.8	-	16.4	14.2	19.5	22.3	-	18.6	15.4	21.2	24.2	13.1	20.2	17.5	24.1	27.4	14.9	23.0	19.9	27.4	31.2	17.0	26.2	22.8	31.2	35.5	19.5	29.9	24.9	34.0	38.7	21.4	32.7	28.8	39.2	42.6	24.7	37.6	27.1	21.9	30.1	26.5
KG-SQN201-D	-	17.7	20.2	-	16.8	14.4	19.9	22.7	-	18.9	16.3	22.4	25.6	13.9	21.4	17.7	24.4	27.8	15.1	23.2	20.1	27.7	31.5	17.2	26.4	22.9	31.5	35.8	19.6	30.1	26.2	35.8	40.6	22.4	34.3	28.6	39.1	40.6	24.5	37.5	33.1	40.6	-	28.4	40.6	31.1	25.1	34.6	30.4
KG-SQN201-E	13.6	18.7	21.4	-	17.8	15.3	21.0	24.0	-	20.0	17.3	23.8	27.1	14.7	22.6	18.7	25.8	29.4	16.0	24.6	21.3	29.3	33.4	18.2	27.9	24.2	33.3	-	20.7	31.8	27.7	-	-	23.7	35.6	30.3	-	-	26.0	-	35.0	-	-	30.1	-	32.9	26.6	35.6	32.2
KG-SRN201-A	-	-	-	-	-	-	-	15.5	-	-	-	15.3	17.5	-	14.6	-	16.7	19.0	-	15.9	-	18.9	21.5	-	18.0	15.7	21.5	24.5	-	20.6	17.9	24.5	27.8	15.3	23.5	19.6	26.7	30.4	16.8	25.6	22.6	30.8	34.9	19.4	29.6	21.2	17.2	23.7	20.8
KG-SRN201-B	-	-	15.6	-	-	-	15.4	17.6	-	14.6	-	17.4	19.8	-	16.6	-	18.9	21.6	-	18.0	15.6	21.4	24.4	-	20.4	17.7	24.4	27.7	15.2	23.3	20.3	27.7	31.6	17.4	26.6	22.2	30.3	34.4	19.0	29.1	25.6	34.9	39.5	22.0	33.5	24.1	19.5	26.8	23.6
KG-SRN201-C	-	16.4	18.7	-	15.5	-	18.4	21.0	-	17.5	15.1	20.8	23.7	-	19.8	16.4	22.6	25.8	14.0	21.5	18.6	25.6	29.2	15.9	24.5	21.2	29.1	33.2	18.1	27.9	24.2	33.2	37.7	20.8	31.8	26.5	36.2	41.2	22.7	34.8	30.6	41.7	45.2	26.3	40.1	28.8	23.3	32.1	28.2
KG-SRN201-D	-	18.8	21.5	-	17.9	15.4	21.2	24.2	-	20.1	17.4	23.9	27.3	14.8	22.8	18.9	26.0	29.6	16.1	24.7	21.4	29.4	33.6	18.3	28.1	24.4	33.5	38.1	20.9	32.0	27.9	38.1	42.9	23.9	36.6	30.5	41.6	42.9	26.1	40.0	35.2	42.9	-	30.3	42.9	33.1	26.7	36.9	32.4
KG-SRN201-E	14.4	19.9	22.7	-	18.8	16.2	22.3	25.5	-	21.2	18.3	25.2	28.8	15.6	24.0	19.9	27.4	31.3	16.9	26.1	22.6	31.1	35.4	19.3	29.7	25.7	35.3	-	22.0	33.8	29.4	-	-	25.2	37.8	32.1	-	-	27.6	-	37.1	-	-	31.9	-	34.9	28.2	37.8	34.2
KG-SAN201A-A	-	-	-	-	-	-	-	16.8	-	-	-	16.6	18.9	-	15.8	-	18.0	20.6	-	17.2	-	20.4	23.3	-	19.5	16.9	23.2	26.5	-	22.2	19.3	26.5	30.1	16.6	25.4	21.1	28.9	32.8	18.1	27.7	24.4	33.2	37.7	21.0	32.0	23.0	18.6	25.6	22.5
KG-SAN201A-B	-	-	16.9	-	-	-	16.6	19.0	-	15.8	-	18.8	21.4	-	17.9	-	20.4	23.3	-	19.4	16.8	23.1	26.4	-	22.1	19.2	26.3	30.0	16.4	25.2	21.9	30.0	34.1	18.7	28.7	23.9	32.7	37.2	20.5	31.4	27.6	37.6	42.7	23.8	36.2	26.0	21.0	28.9	25.4
KG-SAN201A-C	-	17.7	20.2	-	16.7	-	19.9	22.7	-	18.9	16.3	22.4	25.6	-	21.3	17.7	24.3	27.8	-	23.2	20.1	27.6	31.5	17.1	26.4	22.9	31.4	35.7	19.6	30.0	26.1	35.7	40.7	22.4	34.3	28.6	39.0	44.3	24.5	37.5	33.0	44.9	50.5	28.4	43.2	31.0	25.1	34.5	30.4
KG-SAN201A-D	-	20.2	23.1	-	19.2	16.5	22.8	26.0	-	21.6	18.7	25.7	29.3	15.9	24.5	20.3	27.9	31.8	17.3	26.6	23.0	31.6	36.1	19.6	30.2	26.2	36.0	41.0	22.4	34.4	29.9	41.0	46.6	25.6	39.3	32.7	44.8	50.5	28.1	42.9	37.8	50.5	-	32.5	49.5	35.6	28.7	39.6	34.8
KG-SAN201A-E	16.1	22.2	25.3	-	21.0	18.1	25.0	28.5	-	23.7	20.5	28.2	32.1	17.4	26.8	22.2	30.6	34.9	18.9	29.2	25.2	34.7	39.6	21.5	33.1	28.8	39.5	42.2	24.6	37.7	32.8	42.2	-	28.1	42.2	35.9	-	-	30.8	-	41.5	-	-	35.7	-	39.0	31.5	42.2	38.2
KG-SAN201-A	-	-	-	-	-	-	-	17.4	-	-	-	17.2	19.6	-	16.4	-	18.7	21.3	-	17.8	-	21.2	24.2	-	20.2	17.6	24.1	27.5	-	23.1	20.1	27.5	31.2	17.2	26.3	21.9	30.0	34.1	18.8	28.8	25.3	34.5	39.1	21.8	33.2	23.8	19.3	26.5	23.3
KG-SAN201-B	-	-	17.6	-	-	-	17.3	19.7	-	16.4	-	19.5	22.3	-	18.6	-	21.2	24.2	-	20.2	17.5	24.0	27.4	-	23.0	19.9	27.3	31.1	17.0	26.2	22.7	31.1	35.4	19.5	29.8	24.9	34.0	38.6	21.3	32.6	28.7	39.1	44.4	24.7	37.6	27.0	21.8	30.1	26.4
KG-SAN201-C	-	18.4	21.0	-	17.5	-	20.7	23.6	-	19.7	17.0	23.4	26.7	-	22.2	18.4	25.4	29.0	15.7	24.2	20.9	28.8	32.8	17.9	27.5	23.8	32.7	37.3	20.4	31.3	27.2	37.3	42.4	23.3	35.7	29.8	40.7	46.2	25.5	39.1	34.4	46.8	50.5	29.6	45.0	32.4	26.1	36.0	31.7
KG-SAN201-D	-	21.2	24.3	-	20.1	17.3	23.9	27.3	-	22.7	19.6	26.9	30.8	16.6	25.7	21.3	29.3	33.4	18.1	27.9	24.2	33.2	37.8	20.6	31.7	27.5	37.8	43.0	23.5	36.1	31.4	43.0	46.9	26.9	41.2	34.4	46.9	46.9	29.5	45.0	39.7	46.9	-	34.1	46.9	37.3	30.2	41.5	36.5
KG-SBN201-A	-	-	-	-	-	-	-	18.8	-	-	-	18.6	21.2	-	17.7	-	20.2	23.1	-	19.3	-	22.9	26.1	-	21.9	19.0	26.1	29.7	-	24.9	21.7	29.7	33.8	18.6	28.4	23.7	32.4	36.8	20.3	31.1	27.4	37.3	42.3	23.6	35.8	25.8	20.8	28.7	25.2
KG-SBN201-B	-	-	19.0	-	-	-	18.7	21.3	-	17.7	-	21.1	24.1	-	20.1	-	22.9	26.1	-	21.8	18.9	26.0	29.6	-	24.8	21.5	29.5	33.6	18.4	28.2	24.6	33.6	38.3	21.0	32.2	26.9	36.7	41.7	23.1	35.2	31.0	42.3	47.9	26.7	40.6	29.2	23.6	32.5	28.6
KG-SBN201-C	-	19.9	22.7	-	18.8	-	22.3	25.5	-	21.2	18.3	25.2	28.8	-	24.0	19.9	27.4	31.3	-	26.1	22.6	31.1	35.4	19.3	29.7	25.7	35.3	40.2	22.0	33.8	29.4	40.2	45.8	25.2	38.5	32.1	43.9	49.9	27.6	42.1	37.1	50.5	55.8	31.9	48.6	34.9	28.2	38.9	34.2
KG-SBN201-D	-	22.9	26.1	-	21.7	18.7	25.7	29.3	-	24.4	21.1	29.0	33.1	17.9	27.6	22.9	31.5	36.0	19.5	30.0	26.0	35.7	40.7	22.2	34.1	29.6	40.7	46.3	25.3	38.9	33.8	46.3	52.7	29.0	44.4	37.0	50.5	54.7	31.7	48.5	42.7	54.7	-	36.7	54.7	40.2	32.5	44.7	39.3
KG-SBN201-E	17.8	24.5	28.0	-	23.2	20.0	27.6	31.5	-	26.2	22.6	31.1	35.5	19.2	29.6	24.5	33.8	38.6	20.9	32.2	27.9	38.3	43.7	23.8	36.6	31.7	43.6	46.6	27.1	41.7	36.2	46.6	-	31.0	46.6	39.6	-	-	34.0	-	45.8	-	-	39.4	-	43.1	34.8	46.6	42.1
KG-SBN221-A	-	-	17.6	-	-	-	17.3	19.8	-	-	-	19.6	22.3	-	18.6	-	21.2	24.2	-	20.2	17.5	24.1	27.5	-	23.0	20.0	27.4	31.2	-	26.2	22.8	31.2	35.5	19.5	29.9	24.9	34.1	38.7	21.4	32.7	28.8	39.2	44.5	24.8	37.7	27.1	21.9	30.2	26.5
KG-SBN221-B	-	17.4	19.9	-	-	-	19.6	22.3	-	18.6	-	22.1	25.2	-	21.0	17.4	24.0	27.4	-	22.9	19.8	27.2	31.0	-	26.0	22.5	30.9	35.2	19.3	29.6	25.7	35.2	40.1	22.0	33.8	28.2	38.5	43.7	24.2	36.9	32.5	44.3	50.2	28.0	42.5	30.6	24.7	34.0	29.9
KG-SBN221-C	-	20.8	23.7	-	19.7	-	23.4	26.7	-	22.2	19.1	26.4	30.1	-	25.1	20.8	28.6	32.7	17.7	27.3	23.6	32.5	37.0	20.2	31.0	26.9	36.9	42.1	23.0	35.3	30.7	42.0	47.8	26.3	40.3	33.6	45.9	52.2	28.8	44.1	38.8	52.9	55.8	33.4	50.8	36.5	29.5	40.6	35.7
KG-SBN221-D	17.3	23.9	27.2	-	22.6	19.5	26.8	30.6	-	25.5	22.0	30.3	34.5	18.7	28.8	23.9	32.9	37.5	20.3	31.3	27.1	37.3	42.5	23.2	35.6	30.9	42.4	48.3	26.4	40.6	35.3	48.3	54.9	30.2	46.3	38.6	52.7	55.8	33.1	50.6	44.6	55.8	-	38.4	55.8	41.9	33.9	46.7	41.0
KG-SBN221-E	19.3	26.6	30.4	-	25.2	21.7	29.9	34.2	18.5	28.4	24.5	33.8	38.5	20.9	32.2	26.6	36.7	41.9	22.7	35.0	30.3	41.6	47.4	25.8	39.7	34.5	47.3	-	29.5	45.3	39.4	-	-	33.7	47.7	43.1	-	-	36.9	-	47.7	-	-	42.8	-	46.8	37.8	47.7	45.8
KG-SBN261-B	-	18.8	21.5	-	17.9	-	21.2	24.2	-	20.1	17.4	23.9	27.3	-	22.8	18.9	26.0	29.6	-	24.7	21.4	29.4	33.6	18.3	28.1	24.4	33.5	38.1	20.9	32.0	27.9	38.1	43.4	23.9	36.6	30.5	41.6	47.3	26.2	40.0	35.2	47.9	54.3	30.3	46.1	33.1	26.8	36.8	32.4
KG-SBN261-C	-	22.4	25.5	-	21.2	18.3	25.1	28.7	-	23.9	20.6	28.4	32.4	17.5	27.0	22.4	30.8	35.2	19.1	29.4	25.5	35.0	39.8	21.7	33.4	29.0	39.8	45.3	24.8	38.0	33.1	45.3	51.5	28.4	43.4	36.2	49.4	55.8	31.1	47.4	41.8	55.8	55.8	36.0	54.7	39.3	31.8	43.7	38.5
KG-SBN261-D	18.6	25.6	29.2	-	24.2	20.9	28.7	32.8	17.7	27.3	23.6	32.4	37.0	20.0	30.9	25.6	35.2	40.2	21.8	33.6	29.1	39.9	45.5	24.8	38.1	33.1	45.4	51.7	28.3	43.5	37.8	51.7	55.8	32.4	49.6	41.3	55.8	-	35.5	54.2	47.8	-	-	41.1	55.8	44.9	36.3	50.0	43.9
KG-SBN261-E	20.7	28.5	32.5	17.6	27.0	23.2	32.0	36.5	19.7	30.4	26.2	36.1	41.2	22.3	34.4	28.5	39.2	44.7	24.3	37.4	32.4	44.5	50.7	27.6	42.5	36.9	50.6	55.8	31.5	48.4	42.1	55.8	-	36.1	55.2	46.0	-	-	39.5	55.8	53.2	-	-	45.8	-	50.0	40.4	55.6	48.9
KG-SBN261-F	23.6	32.5	37.1	20.1	30.8	26.5	36.5	41.7	22.6	34.7	30.0	41.2	43.9	25.5	39.3	32.5	43.9	-	27.7	42.7	37.0	-	-	31.6	43.9	42.1	-	-	36.0	-	43.9	-	-	41.2	-	-	-	-	43.9	-	-	-	-	-	-	-	43.9	-	-
KG-SBN301-C	17.2	23.7	27.0	-	22.5	19.4	26.6	30.4	-	25.3	21.8	30.1	34.3	18.6	28.6	23.7	32.6	37.2	20.2	31.1	27.0	37.0	42.2	23.0	35.4	30.7	42.1	47.9	26.3	40.3	35.0	47.9	54.5	30.0	46.0	38.3	52.3	55.8	32.9	50.2	44.3	55.8	55.8	38.1	55.8	41.6	33.6	46.3	40.7
KG-SBN301-D	19.6	27.0	30.8	-	25.6	22.1	30.4	34.7	18.8	28.9	24.9	34.3	39.1	21.2	32.7	27.0	37.2	42.5	23.1	35.5	30.7	42.2	48.1	26.3	40.3	35.0	48.0	54.6	29.9	45.9	40.0	54.6	55.8	34.3	52.4	43.7	55.8	-	37.5	55.8	50.5	-	-	43.5	-	47.5	38.4	52.8	46.4
KG-SBN301-E	21.9	30.1	34.3	18.6	28.5	24.6	33.8	38.6	20.9	32.1	27.7	38.2	43.5	23.6	36.4	30.1	41.4	47.3	25.7	39.5	34.2	47.0	53.6	29.2	44.9	39.0	53.5	55.8	33.3	51.1	44.5	55.8	-	38.1	55.8	48.7	-	-	41.8	-	55.8	-	-	48.4	-	52.9	42.7	55.8	51.7
KG-SBN301-F	24.9	34.3	39.1	21.2	32.5	28.0	38.6	44.0	23.8	36.6	31.6	43.5	49.6	26.9	41.5	34.3	47.2	53.4	29.3	45.0	39.0	53.4	-	33.3	51.2	44.4	-	-	38.0	53.4	50.7	-	-	43.5	-	53.4	-	-	47.6	-	-	-	-	53.4	-	53.4	48.7	-	53.4
KG-SBN301-G	27.1	37.2	42.5	23.0	35.3	30.4	41.9	44.5	25.9	39.8	34.3	44.5	-	29.2	44.5	37.3	-	-	31.8	-	42.4	-	-	36.2	-	44.5	-	-	41.3	-	-	-	-	44.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KG-SCN201A-A	-	-	-	-	-	-	-	19.3	-	-	-	19.1	21.8	-	18.2	-	20.7	23.7	-	19.7	-	23.5	26.8	-	22.4	19.5	26.7	30.4	-	25.6	22.3	30.4	34.6	19.0	29.2	24.3	33.2	37.8	20.9	31.9	28.1	38.3	43.4	24.2	36.8	26.4	21.3	29.4	25.9
KG-SCN201A-B	-	-	19.4	-	-	-	19.1	21.8	-	18.1	-	21.5	24.6	-	20.5	-	23.4	26.7	-	22.3	19.3	26.5	30.2	-	25.3	22.0	30.2	34.4	18.8	28.9	25.1	34.4	39.1	21.5	32.9	27.5	37.5	42.6	23.6	36.0	31.7	43.2	49.0	27.3	41.5	29.8	24.1	33.2	29.2
KG-SCN201A-C	-	20.3	23.2	-	19.2	-	22.8	26.0	-	21.7	18.7	25.7	29.4	-	24.5	20.3	27.9	31.9	-	26.6	23.1	31.7	36.1	19.7	30.3	26.3	36.1	41.1	22.5	34.5	30.0	41.0	46.7	25.7	39.3	32.8	44.8	50.9	28.1	43.0	37.9	51.6	58.4	32.6	49.6	35.6	28.8	39.7	34.9
KG-SCN201A-D	-	23.3	26.6	-	22.1	19.0	26.2	29.9	-	24.9	21.5	29.6	33.8	18.3	28.2	23.3	32.1	36.7	19.9	30.6	26.5	36.4	41.5	22.6	34.8	30.2	41.5	47.2	25.8	39.6	34.5	47.2	53.7	29.5	45.2	37.7	51.5	58.4	32.3	49.4	43.5	58.4	-	37.5	57.0	41.0	33.1	45.6	40.1
KG-SCN201A-E	18.7	25.7	29.3	-	24.3	21.0	28.9	33.0	-	27.4	23.7	32.6	37.2	20.1	31.0	25.7	35.4	40.4	21.9	33.7	29.2	40.1	45.8	24.9	38.3	33.3	45.7	48.8	28.4	43.7	38.0	48.8	-	32.5	48.8	41.5	-	-	35.6	-	48.0	-	-	41.3	-	45.1	36.4	48.8	44.1
KG-SCN201-A	-	-	-	-	-	-	-	19.8	-	-	-	19.6	22.4	-	18.7	-	21.3	24.3	-	20.3	-	24.2	27.6	-	23.1	20.0	27.5	31.3	-	26.3	22.9	31.3	35.6	19.6	30.0	25.0	34.2	38.8	21.5	32.8	28.9	39.3	44.6	24.9	37.8	27.2	22.0	30.3	26.6
KG-SCN201-B	-	-	20.0	-	-	-	19.7	22.5	-	18.7	-	22.2	25.4	-	21.2	-	24.1	27.6	-	23.0	19.9	27.4	31.2	-	26.1	22.7	31.2	35.5	19.4	29.8	25.9	35.5	40.4	22.2	34.0	28.3	38.7	44.0	24.3	37.2	32.7	44.6	50.5	28.2	42.8	30.8	24.9	34.3	30.1
KG-SCN201-C	-	21.0	24.0	-	19.9	-	23.6	26.9	-	22.4	19.4	26.6	30.4	-	25.4	21.0	28.9	33.0	-	27.6	23.9	32.8	37.4	20.4	31.3	27.2	37.3	42.5	23.2	35.7	31.1	42.5	48.4	26.6	40.7	34.0	46.4	52.7	29.1	44.5	39.2	53.4	58.4	33.7	51.3	36.9	29.8	41.1	36.1
KG-SCN201-D	-	24.3	27.7	-	23.0	19.8	27.3	31.1	-	25.9	22.4	30.8	35.1	19.0	29.3	24.3	33.4	38.2	20.7	31.9	27.6	37.9	43.3	23.6	36.2	31.4	43.2	49.1	26.9	41.3	35.9	49.1	55.7	30.7	47.1	39.3	53.6	55.7	33.7	51.5	45.3	55.7	-	39.0	55.7	42.6	34.5	47.5	41.7
KG-SCN201-E	18.7	25.7	29.3	-	24.3	21.0	28.9	33.0	-	27.4	23.7	32.6	37.2	20.1	31.0	25.7	35.4	40.4	21.9	33.7	29.2	40.1	45.8	24.9	38.3	33.3	45.7	-	28.4	43.7	38.0	-	-	32.5	48.8	41.5	-	-	35.6	-	48.0	-	-	41.3	-	45.1	36.4	48.8	44.1
KG-SCN221A-A	-	-	18.0	-	-	-	-	20.3	-	-	-	20.0	22.9	-	19.1	-	21.8	24.8	-	20.7	18.0	24.7	28.1	-	23.6	20.5	28.1	32.0	-	26.9	23.4	32.0	36.4	20.0	30.6	25.5	34.9	39.6	21.9	33.5	29.5	40.2	45.5	25.4	38.6	27.7	22.4	30.9	27.1
KG-SCN221A-B	-	-	20.3	-	-	-	20.0	22.8	-	19.0	-	22.6	25.7	-	21.5	-	24.5	28.0	-	23.4	20.2	27.8	31.7	-	26.5	23.0	31.6	36.0	19.7	30.2	26.3	36.0	40.9	22.5	34.5	28.8	39.3	44.6	24.7	37.7	33.2	45.2	51.3	28.6	43.5	31.2	25.2	34.8	30.6
KG-SCN221A-C	-	21.2	24.2	-	20.1	-	23.8	27.2	-	22.6	19.5	26.9	30.7	-	25.6	21.2	29.2	33.3	18.0	27.8	24.1	33.1	37.7	20.6	31.6	27.4	37.6	42.9	23.4	36.0	31.3	42.8	48.7	26.8	41.1	34.2	46.8	53.1	29.4	44.9	39.6	53.9	58.4	34.0	51.8	37.2	30.1	41.4	36.4
KG-SCN221A-D	-	24.3	27.8	-	23.1	19.9	27.3	31.2	-	26.0	22.4	30.9	35.2	19.1	29.4	24.3	33.5	38.3	20.7	31.9	27.7	38.0	43.3	23.6	36.3	31.5	43.2	49.2	26.9	41.4	36.0	49.2	56.0	30.8	47.2	39.3	53.8	58.4	33.8	51.6	45.4	58.4	-	39.1	58.4	42.7	34.5	47.6	41.8
KG-SCN221A-E	19.7	27.1	30.9	-	25.7	22.1	30.4	34.8	18.8	28.9	25.0	34.4	39.2	21.2	32.7	27.1	37.3	42.6	23.1	35.6	30.8	42.3	48.3	26.3	40.4	35.1	48.1	53.5	30.0	46.0	40.1	53.5	-

KG Series Heat Rejection Capacity
KG-S Line (Normal Type)
with VR Stack Circulating Water Flowrate (l/s) SI Units

Condition Reference #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Inlet Water Temperature °C	20	22	23	22	25	23	25	26	25	28	26	28	29	28	31	28	30	31	30	33	31	33	34	33	36	34	36	37	36	39	37	39	40	39	42	39	41	42	41	44	42.2	44.2	45.2	44.2	47.2	32	35.00	37	37
Outlet Water Temperature °C	14	16	17	14	17	17	19	20	17	20	20	22	23	20	23	22	24	25	22	25	25	27	28	25	28	28	30	31	28	31	31	33	34	31	34	33	35	36	33	36	36.2	38.2	39.2	36.2	39.2	27	29.44	32	32
Wet Bulb °C	10	10	10	10	10	13	13	13	13	16	16	16	16	16	18	18	18	18	18	21	21	21	21	24	24	24	24	24	24	27	27	27	27	29	29	29	29	29	29	29	32.2	32.2	32.2	32.2	32.2	21	25.56	27	28
Range °C	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	6	6	6	8	8	5	5.56	5	5
Approach °C	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	4	6	7	4	7	6	3.89	5	4
Normal Type																																																	
KG-SQN201-A	-	-	13.7	-	-	-	13.5	15.4	-	-	-	15.2	17.3	-	14.5	-	16.5	18.8	-	15.7	13.6	18.7	21.3	-	17.9	15.5	21.3	24.2	13.3	20.4	17.7	24.2	27.6	15.2	23.2	19.4	26.5	30.1	16.6	25.4	22.4	30.5	34.5	19.2	29.3	21.0	17.0	23.4	20.6
KG-SQN201-B	-	13.6	15.5	-	-	-	15.2	17.4	-	14.5	-	17.2	19.6	-	16.4	13.6	18.7	21.3	-	17.8	15.4	21.2	24.2	13.2	20.2	17.6	24.1	27.4	15.0	23.0	20.0	27.4	31.2	17.2	26.3	21.9	30.0	34.0	18.8	28.7	25.3	34.5	39.1	21.8	33.1	23.8	19.2	26.5	23.3
KG-SQN201-C	-	16.2	18.5	-	15.4	13.2	18.2	20.8	-	17.3	14.9	20.6	23.5	-	19.6	16.2	22.3	25.5	13.8	21.3	18.4	25.3	28.9	15.7	24.2	21.0	28.8	32.8	18.0	27.6	24.0	32.8	37.3	20.5	31.5	26.2	35.8	40.7	22.5	34.4	30.3	41.3	42.6	26.1	39.6	28.5	23.0	31.7	27.9
KG-SQN201-D	13.6	18.7	21.3	-	17.7	15.2	21.0	24.0	-	19.9	17.2	23.7	27.0	14.6	22.6	18.7	25.7	29.4	15.9	24.5	21.2	29.2	33.3	18.1	27.9	24.2	33.2	35.8	20.7	31.7	27.6	35.8	-	23.7	35.8	30.2	-	-	25.9	35.8	34.9	-	-	30.0	-	32.8	26.5	35.8	32.1
KG-SQN201-E	14.4	19.8	22.6	-	18.7	16.1	22.2	25.4	13.7	21.1	18.2	25.1	28.6	15.5	23.9	19.8	27.2	30.4	16.8	26.0	22.5	30.4	-	19.2	29.5	25.6	-	-	21.9	-	29.2	-	-	25.0	-	30.4	-	-	27.4	-	-	-	-	30.4	-	-	28.1	-	-
KG-SRN201-A	-	-	14.4	-	-	-	14.2	16.2	-	-	-	16.0	18.3	-	15.3	-	17.4	19.9	-	16.6	14.4	19.7	22.5	-	18.8	16.4	22.5	25.6	14.0	21.5	18.7	25.6	29.1	16.0	24.5	20.4	27.9	31.7	17.5	26.8	23.6	32.1	36.4	20.3	30.9	22.2	17.9	24.7	21.7
KG-SRN201-B	-	14.3	16.3	-	-	-	16.1	18.4	-	15.3	-	18.2	20.7	-	17.3	14.3	19.7	22.5	-	18.8	16.3	22.4	25.5	-	21.3	18.5	25.4	29.0	15.8	24.3	21.2	29.0	32.9	18.1	27.8	23.1	31.6	35.9	19.9	30.3	26.7	36.4	41.3	23.0	35.0	25.1	20.3	28.0	24.6
KG-SRN201-C	-	17.1	19.6	-	16.2	14.0	19.3	22.0	-	18.3	15.8	21.7	24.8	-	20.7	17.1	23.6	26.9	14.6	22.5	19.5	26.8	30.5	16.6	25.6	22.2	30.5	34.7	19.0	29.1	25.3	34.7	39.5	21.7	33.2	27.7	37.9	43.0	23.8	36.3	32.0	43.6	45.2	27.5	41.9	30.1	24.3	33.5	29.5
KG-SRN201-D	14.3	19.7	22.5	-	18.7	16.1	22.2	25.3	-	21.1	18.2	25.0	28.6	15.5	23.8	19.7	27.2	31.0	16.8	25.9	22.4	30.8	35.1	19.1	29.4	25.5	35.1	38.5	21.8	33.5	29.2	38.5	-	25.0	38.3	31.9	38.5	-	27.4	38.5	36.8	-	-	31.7	-	34.7	28.0	38.5	33.9
KG-SRN201-E	15.1	20.8	23.8	-	19.7	17.0	23.4	26.7	14.4	22.2	19.2	26.4	30.1	16.3	25.2	20.8	28.7	32.7	17.7	27.3	23.7	32.5	-	20.2	31.1	27.0	-	-	23.1	-	30.8	-	-	26.4	-	33.1	-	-	28.9	-	-	-	-	33.1	-	-	29.6	-	-
KG-SAN201A-A	-	-	15.7	-	-	-	-	17.6	-	-	-	17.4	19.9	-	16.6	-	18.9	21.6	-	18.0	15.6	21.5	24.5	-	20.5	17.8	24.4	27.8	-	23.4	20.3	27.8	31.6	17.4	26.7	22.2	30.4	34.5	19.1	29.1	25.7	35.0	39.6	22.1	33.6	24.1	19.5	26.9	23.6
KG-SAN201A-B	-	15.6	17.8	-	-	-	17.5	20.0	-	16.6	-	19.7	22.5	-	18.8	15.6	21.4	24.5	-	20.4	17.7	24.3	27.7	-	23.2	20.1	27.6	31.5	17.2	26.4	23.0	31.5	35.8	19.7	30.2	25.2	34.4	39.0	21.6	33.0	29.0	39.6	44.9	25.0	38.0	27.3	22.1	30.4	26.7
KG-SAN201A-C	-	18.6	21.2	-	17.6	-	20.9	23.8	-	19.8	17.1	23.6	26.9	-	22.4	18.6	25.6	29.2	15.8	24.4	21.1	29.0	33.1	18.0	27.7	24.1	33.0	37.6	20.6	31.6	27.5	37.6	42.8	23.5	36.0	30.0	41.0	46.6	25.8	39.4	34.7	47.2	50.5	29.8	45.4	32.6	26.4	36.3	31.9
KG-SAN201A-D	-	21.3	24.4	-	20.2	17.4	24.0	27.4	-	22.8	19.7	27.1	30.9	16.7	25.8	21.3	29.4	33.5	18.2	28.0	24.3	33.3	38.0	20.7	31.8	27.6	37.9	43.2	23.6	36.3	31.5	43.2	46.4	27.0	41.4	34.5	46.4	-	29.6	45.2	39.8	-	-	34.3	46.4	37.5	30.3	41.7	36.7
KG-SAN201A-E	17.0	23.4	26.7	-	22.2	19.1	26.3	30.1	16.2	25.0	21.6	29.7	33.9	18.4	28.3	23.4	32.3	36.1	20.0	30.8	26.6	36.1	-	22.7	35.0	30.3	-	-	25.9	-	34.6	-	-	29.7	-	36.1	-	-	32.5	-	-	-	-	36.1	-	-	33.3	-	-
KG-SAN201-A	-	-	15.9	-	-	-	15.7	17.9	-	-	-	17.7	20.2	-	16.8	-	19.2	21.9	-	18.3	15.8	21.8	24.8	-	20.8	18.0	24.8	28.2	-	23.7	20.6	28.2	32.1	17.6	27.0	22.5	30.8	35.0	19.3	29.5	26.0	35.4	40.2	22.4	34.0	24.5	19.8	27.2	23.9
KG-SAN201-B	-	15.8	18.0	-	-	-	17.7	20.3	-	16.9	-	20.0	22.9	-	19.1	15.8	21.7	24.8	-	20.7	18.0	24.7	28.1	-	23.6	20.4	28.1	32.0	17.5	26.8	23.3	31.9	36.4	20.0	30.6	25.5	34.9	39.6	21.9	33.5	29.5	40.2	45.5	25.4	38.6	27.7	22.4	30.9	27.1
KG-SAN201-C	-	18.9	21.6	-	17.9	-	21.3	24.3	-	20.2	17.4	24.0	27.4	-	22.9	18.9	26.1	29.7	16.1	24.8	21.5	29.6	33.7	18.4	28.2	24.5	33.6	38.3	20.9	32.2	28.0	38.3	43.6	24.0	36.7	30.6	41.8	47.5	26.2	40.1	35.3	48.1	50.5	30.4	46.2	33.2	26.9	37.0	32.5
KG-SAN201-D	15.9	21.9	24.9	-	20.7	17.8	24.6	28.0	-	23.3	20.1	27.7	31.6	17.1	26.4	21.9	30.1	34.4	18.6	28.7	24.8	34.1	38.9	21.2	32.6	28.3	38.9	43.9	24.2	37.2	32.3	43.9	43.9	27.7	42.4	35.3	43.9	-	30.3	43.9	40.8	-	-	35.1	-	38.4	31.0	42.7	37.6
KG-SBN201-A	-	-	17.2	-	-	-	-	19.3	-	-	-	19.1	21.8	-	18.2	-	20.7	23.7	-	19.8	-	23.5	26.8	-	22.5	19.5	26.8	30.5	-	25.6	22.3	30.5	34.7	19.1	29.2	24.3	33.3	37.8	20.9	31.9	28.1	38.3	43.4	24.2	36.8	26.4	21.4	29.4	25.9
KG-SBN201-B	-	-	19.5	-	-	-	19.2	21.9	-	18.2	-	21.6	24.7	-	20.6	-	23.5	26.8	-	22.4	19.4	26.6	30.4	-	25.4	22.1	30.3	34.5	18.9	29.0	25.2	34.5	39.3	21.6	33.1	27.6	37.7	42.8	23.7	36.2	31.8	43.4	49.2	27.4	41.7	30.0	24.2	33.3	29.3
KG-SBN201-C	-	20.4	23.3	-	19.3	-	22.9	26.2	-	21.8	18.8	25.9	29.5	-	24.7	20.4	28.1	32.1	17.4	26.8	23.2	31.9	36.4	19.8	30.4	26.4	36.3	41.3	22.6	34.7	30.2	41.3	47.0	25.8	39.6	33.0	45.1	51.2	28.3	43.3	38.1	51.9	55.8	32.8	49.9	35.8	29.0	39.9	35.1
KG-SBN201-D	-	23.5	26.8	-	22.3	19.2	26.4	30.2	-	25.1	21.7	29.8	34.0	18.4	28.4	23.5	32.4	37.0	20.0	30.9	26.7	36.7	41.9	22.8	35.1	30.5	41.8	47.6	26.0	40.0	34.8	47.6	51.5	29.8	45.6	38.0	51.5	51.5	32.6	49.9	43.9	-	-	37.8	51.5	41.3	33.4	46.0	40.4
KG-SBN201-E	18.3	25.2	28.8	-	23.9	20.6	28.4	32.4	17.5	26.9	23.2	32.0	36.5	19.8	30.5	25.2	34.8	39.7	21.5	33.1	28.7	39.4	43.1	24.5	37.6	32.7	43.1	-	27.9	42.9	37.3	-	-	32.0	-	40.8	-	-	35.0	-	-	-	-	40.5	-	43.1	35.8	-	43.1
KG-SBN221-A	-	-	18.2	-	-	-	17.9	20.4	-	-	-	20.2	23.0	-	19.2	-	21.9	25.0	-	20.9	18.1	24.9	28.3	-	23.7	20.6	28.3	32.2	17.6	27.0	23.5	32.2	36.6	20.1	30.9	25.7	35.1	39.9	22.1	33.7	29.7	40.5	45.9	25.6	38.9	27.9	22.6	31.1	27.3
KG-SBN221-B	-	17.9	20.5	-	-	-	20.2	23.0	-	19.2	-	22.8	26.0	-	21.7	17.9	24.7	28.2	-	23.6	20.4	28.0	32.0	17.4	26.8	23.2	31.9	36.3	19.9	30.5	26.5	36.3	41.3	22.7	34.8	29.0	39.6	45.0	24.9	38.0	33.5	45.6	51.7	28.8	43.8	31.5	25.5	35.1	30.8
KG-SBN221-C	-	21.4	24.5	-	20.3	17.5	24.1	27.5	-	22.9	19.7	27.2	31.0	-	25.9	21.4	29.5	33.7	18.3	28.1	24.4	33.5	38.2	20.8	32.0	27.7	38.1	43.3	23.7	36.4	31.7	43.3	49.3	27.1	41.5	34.6	47.3	53.8	29.7	45.4	40.0	54.5	55.8	34.4	52.4	37.6	30.4	41.9	36.8
KG-SBN221-D	17.9	24.6	28.1	-	23.4	20.1	27.7	31.6	-	26.3	22.7	31.3	35.7	19.3	29.8	24.7	33.9	38.7	21.0	32.4	28.0	38.5	43.9	23.9	36.8	31.9	43.8	49.9	27.3	41.9	36.4	49.9	55.8	31.2	47.8	39.9	54.4	55.8	34.2	52.2	46.0	55.8	-	39.6	55.8	43.3	35.0	48.2	42.3
KG-SBN221-E	20.0	27.5	31.4	-	26.1	22.5	30.9	35.3	19.1	29.4	25.4	34.9	39.9	21.6	33.3	27.5	37.9	43.3	23.5	36.1	31.3	43.0	-	26.7	41.1	35.7	-	-	30.5	43.8	40.7	-	-	34.9	-	43.8	-	-	38.2	-	-	-	-	43.8	-	43.8	39.1	-	43.8
KG-SBN261-B	-	19.6	22.4	-	18.6	-	22.0	25.1	-	20.9	18.1	24.9	28.4	-	23.7	19.6	27.0	30.8	-	25.7	22.3	30.6	34.9	19.0	29.2	25.4	34.8	39.6	21.7	33.3	29.0	39.6	45.1	24.8	38.0	31.7	43.3	49.2	27.2	41.5	36.6	49.8	55.8	31.5	47.9	34.4	27.8	38.3	33.7
KG-SBN261-C	-	23.2	26.5	-	22.0	19.0	26.1	29.8	-	24.8	21.4	29.5	33.7	18.2	28.1	23.3	32.0	36.5	19.8	30.5	26.4	36.3	41.4	22.6	34.7	30.1	41.3	47.0	25.8	39.5	34.4	47.0	53.5	29.5	45.1	37.6	51.4	55.8	32.3	49.3	43.4	55.8	-	37.4	55.8	40.9	33.0	45.5	40.0
KG-SBN261-D	19.3	26.6	30.4	-	25.2	21.7	29.9	34.1	18.5	28.4	24.5	33.7	38.5	20.9	32.1	26.6	36.6	41.8	22.7	34.9	30.2	41.5	47.4	25.8	39.7	34.4	47.3	53.8	29.5	45.2	39.3	53.8	55.8	33.7	51.6	43.0	55.8	-	36.9	55.8	49.7	-	-	42.8	-	46.7	37.7	52.0	45.7
KG-SBN261-E	21.5	29.6	33.8	18.3	28.1	24.2	33.3	38.0	20.6	31.6	27.3	37.6	42.9	23.2	35.8	29.7	40.8	46.6	25.3	38.9	33.7	46.3	52.8	28.8	44.2	38.4	52.7	54.2	32.8	50.4	43.8	54.2	-	37.6	54.2	47.9	-	-	41.1	-	54.2	-	-	47.7	-	52.1	42.1	54.2	50.9
KG-SBN261-F	24.7	33.9	38.7	20.9	32.2	27.7	38.1	38.9	23.5	36.2	31.3	38.9	-	26.6	38.9	34.0	-	-	28.9	-	38.6	-	-	32.9	-	38.9	-	-	37.6	-	-	-	-	38.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KG-SBN301-C	18.0	24.8	28.3	-	23.5	20.2	27.9	31.8	17.2	26.5	22.9	31.4	35.9	19.5	30.0	24.8	34.1	39.0	21.2	32.6	28.2	38.7	44.1	24.1	37.0	32.1	44.1	50.2	27.5	42.2	36.7	50.1	55.8	31.4	48.1	40.1	54.8	55.8	34.4	52.6	46.3	55.8	55.8	39.9	55.8	43.6	35.2	48.5	42.6
KG-SBN301-D	20.6	28.3	32.3	17.5	26.8	23.1	31.8	36.3	19.6	30.2	26.1	35.9	40.9	22.2	34.2	28.3	38.9	44.5	24.1	37.2	32.2	44.2	50.4	27.5	42.2	36.6	50.3	55.8	31.4	48.1	41.8	55.8	-	35.9	54.9	45.8	55.8	-	39.3	55.8	52.8	-	-	45.5	-	49.7	40.2	55.3	48.6
KG-SBN301-E	22.9	31.5	36.0	19.5	29.9	25.8	35.4	40.4	21.9	33.7	29.1	40.0	45.6	24.7	38.1	31.6	43.4	49.6	26.9	41.4	35.9	49.3	55.8	30.6	47.1	40.9	55.8	-	35.0	53.6	46.6	-	-	40.0	55.8	51.0	-	-	43.8	-	55.8	-	-	50.7	-	55.4	44.8	55.8	54.2
KG-SBN301-F	26.2	36.0	41.1	22.2	34.1	29.4	40.5	46.2	25.0	38.5	33.2	45.7	48.3	28.3	43.5	36.0	48.3	-	30.7	47.3	41.0	-	-	35.0	48.3	46.6	-	-	39.9	-	48.3	-	-	45.6	-	-	-	-	48.3	-	-	-	-	-	-	-	48.3	-	-
KG-SBN301-G	28.5	38.7	-	24.2	37.1	32.0	-	-	27.2	38.7	36.1	-	-	30.7	-	38.7	-	-	33.4	-	-	-	-	38.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KG-SCN201A-A	-	-	-	-	-	-	19.9	-	-	-	19.6	22.4	-	18.7	-	21.3	24.4	-	20.3	-	24.2	27.6	-	23.1	20.1	27.5	31.3	-	26.3	22.9	31.3	35.7	19.6	30.0	25.0	34.2	38.9	21.5	32.8	28.9	39.4	44.7	24.9	37.9	27.2	22.0	30.3	26.6
KG-SCN201A-B	-	-	19.9	-	-	-	19.6	22.4	-	18.6	-	22.2	25.3	-	21.1	-	24.1	27.5	-	22.9	19.9	27.3	31.1	-	26.1	22.6	31.0	35.3	19.3	29.7	25.8	35.3	40.2	22.1	33.9	28.2	38.6	43.8	24.2	37.0	32.6	44.4	50.4	28.1	42.7	30.7	24.8	34.2	30.0
KG-SCN201A-C	-	20.9	23.8	-	19.8	-	23.5	26.8	-	22.3	19.2	26.5	30.2	-	25.2	20.9	28.8	32.8	-	27.4	23.7	32.6	37.2	20.3	31.1	27.0	37.1	42.3	23.1	35.5	30.9	42.2	48.1	26.4	40.5	33.8	46.1	52.4	29.0	44.3	39.0	53.1	58.4	33.5	51.0	36.7	29.6	40.8	35.9
KG-SCN201A-D	-	24.0	27.4	-	22.8	19.6	27.0	30.8	-	25.7	22.1	30.5	34.8	18.8	29.0	24.0	33.1	37.8	20.5	31.6	27.3	37.6	42.8	23.3	35.9	31.1	42.7	48.6	26.6	40.9	35.5	48.6	55.3	30.4	46.6	38.9	53.1	56.9	33.3	51.0	44.9	56.9	-	38.6	56.9	42.2	34.1	47.0	41.3
KG-SCN201A-E	19.3	26.5	30.3	-	25.1	21.6	29.8	34.0	18.4	28.3	24.4	33.6	38.4	20.8	32.0	26.5	36.5	41.7	22.6	34.8	30.1	41.4	44.7	25.7	39.5	34.3	44.7	-	29.3	44.7	39.2	-	-	33.6	-	42.9	-	-	36.8	-	-	-	-	42.6	-	44.7	37.6	-	44.7
KG-SCN201-A	-	-	-	-	-	-	-	20.1	-	-	-	19.8	22.6	-	18.9	-	21.5	24.6	-	20.5	-	24.4	27.9	-	23.3	20.2	27.8	31.6	-	26.6	23.1	31.6	36.0	19.8	30.3	25.3	34.5	39.2	21.7	33.1	29.2	39.8	45.1	25.1	38.2	27.5	22.2	30.6	26.9
KG-SCN201-B	-	-	20.2	-	-	-	19.9	22.7	-	18.9	-	22.5	25.6	-	21.4	-	24.4	27.8	-	23.2	20.1	27.7	31.5	-	26.4	22.9	31.5	35.8	19.6	30.1	26.2	35.8	40.8	22.4	34.3	28.6	39.1	44.4	24.6	37.5	33.1	45.0	51.0	28.4	43.3	31.1	25.1	34.6	30.4
KG-SCN201-C	-	21.2	24.2	-	20.1	-	23.9	27.2	-	22.7	19.6	26.9	30.7	-	25.6	21.2	29.2	33.4	18.1	27.9	24.1	33.2	37.8	20.6	31.7	27.5	37.7	43.0	23.5	36.1	31.4	43.0	48.9	26.9	41.2	34.3	46.9	53.3	29.4	45.0	39.6	54.0	58.4	34.1	51.9	37.3	30.1	41.5	36.5
KG-SCN201-D	-	24.6	28.0	-	23.3	20.0	27.6	31.5	-	26.2	22.6	31.2	35.6	19.2	29.7	24.6	33.8	38.6	20.9	32.2	27.9	38.4	43.8	23.8	36.6	31.8	43.7	49.7	27.2	41.8	36.3	49.7	54.3	31.1	47.6	39.7	54.3	54.3	34.1	52.1	45.9	54.3	-	39.5	54.3	43.1	34.9	48.0	42.2
KG-SCN201-E	18.9	26.0	29.7	-	24.6	21.2	29.2	33.4	18.0	27.8	24.0	33.0	37.6	20.4	31.4	26.0	35.8	40.9	22.2	34.1	29.6	40.6	46.3	25.2	38.8	33.7	46.2	-	28.8	44.2	38.4	-	-	32.9	-	42.0	-	-	36.1	-	47.2	-	-	41.8	-	45.7	36.9	-	44.7
KG-SCN221A-A	-	-	18.7	-	-	-	18.4	21.0	-	-	-	20.7	23.7	-	19.7	-	22.5	25.7	-	21.5	18.6	25.5	29.1	-	24.4	21.2	29.1	33.1	18.1	27.8	24.2	33.1	37.6	20.7	31.7	26.4	36.1	41.0	22.7	34.7	30.5	41.6	47.1	26.3	39.9	28.7	23.2	32.0	28.1
KG-SCN221A-B	-	18.4	21.0	-	-	-	20.7	23.6	-	19.6	-	23.3	26.6	-	22.2	18.4	25.3	28.9	-	24.1	20.9	28.7	32.7	-	27.4	23.8	32.7	37.2	20.3	31.2	27.2	37.2	42.3	23.3	35.6	29.7	40.6	46.1	25.5	39.0	34.3	46.7	53.0	29.5	44.9	32.3	26.1	35.9	31.6
KG-SCN221A-C	-	21.9	25.0	-	20.8	-	24.6	28.1	-	23.4	20.2	27.8	31.7	-	26.4	21.9	30.1	34.4	18.7	28.7	24.9	34.2	39.0	21.2	32.7	28.3	38.9	44.3	24.2	37.2	32.4	44.3	50.4	27.7	42.5	35.4	48.4	54.9	30.4	46.4	40.9	55.7	58.4	35.2	53.5	38.4	31.1	42.8	37.6
KG-SCN221A-D	18.3	25.2	28.7	-	23.9	20.6	28.3	32.3	-	26.9	23.2	31.9	36.5	19.7	30.4	25.2	34.7	39.6	21.5	33.1	28.6	39.3	44.9	24.4	37.6	32.6	44.8	51.0	27.9	42.8	37.2	50.9	58.0	31.9	48.8	40.7	55.6	58.4	34.9	53.4	47.0	58.4	-	40.5	58.4	44.2	35.7	49.2	43.3
KG-SCN221A-E	20.4	28.1	32.0	-	26.6	22.9	31.6	36.0	19.5	30.0	25.9	35.6	40.6	22.0	33.9	28.1	38.7	44.1	23.9	36.9	31.9	43.9	49.1	27.2	41.9	36.4	49.1	-	31.1	47.7	41.5	-	-	35.6	49.1	45.4	-	-	39.0	-	49.1	-	-	45.1	-	49.1	39.8	-	48.3
KG-SCN221A-F	21.5	29.6	33.8	18.2	28.1	24.2	33.3	38.0	20.5	31.6	27.3	37.5	42.5	23.2	35.8