

KQL 系列立式离心泵

型号	流量		扬程 m	效率 %	转速 r/min	电机功 率 kw	汽蚀余 量 m	重量 kg
	m ³ /h	l/s						
KQL15-80	1.1	0.3	8.5	26	2900	0.18	2.3	17
	1.5	0.42	8	34				
	2.0	0.55	7	34				
KQL20-110	1.8	0.50	16	25	2900	0.37	2.3	25
	2.5	0.69	15	34				
	3.3	0.91	13.5	35				
KQL20-160	1.8	0.50	33	19	2900	0.75	2.3	29
	2.5	0.69	32	25				
	3.3	0.91	30	23				
KQL25-110	2.8	0.78	16	34	2900	0.55	2.3	26
	4.0	1.11	15	42				
	5.2	1.44	13.5	41				
KQL25-125	2.8	0.78	20.6	28	2900	0.75	2.3	28
	4.0	1.11	20	36				
	5.2	1.44	18	35				
KQL25-125A	2.5	0.69	17	35	2900	0.55	2.3	27
	3.6	1.0	16	35				
	4.6	1.28	14.4	35				
KQL25-160	2.8	0.78	33	24	2900	1.5	2.3	39
	4.0	1.11	32	32				
	5.2	1.44	30	33				
KQL25-160A	2.6	0.12	29	31	2900	1.1	2.3	34
	3.7	1.03	28	31				
	4.9	1.36	26	31				
KQL32-100(I)	4.4	1.22	13.2	48	2900	0.75	2.0	32
	6.3	1.75	12.5	54				
	8.3	2.32	11.3	53				
KQL32-125	3.5	0.97	22	40	2900	0.75	2.3	28
	5.0	1.39	20	44				
	6.5	1.8	18	42				
KQL32-125A	3.1	0.86	17.6	43	2900	0.55	2.3	28
	4.5	1.25	16	43				
	5.8	1.61	14.4	43				
KQL32-160	3.1	0.86	33	34	2900	1.5	2.3	28
	4.5	1.25	32	40				
	5.8	1.61	30	42				

KQL32-160(I)	4.4	1.22	33.2	34	2900	2.2	2.0	47
	6.3	1.75	32	40				
	8.3	2.32	30.2	42				
KQL32-200	3.1	0.86	51	28	2900	3	2.0	47
	4.5	1.25	50	35				
	5.8	1.61	48	37				
KQL32-200(I)	4.4	1.22	50.5	26	2900	4	2.0	43
	6.3	1.75	50	33				
	8.3	2.32	48	35				
KQL32-200(I)A	2.8	0.78	44.6	34	2900	2.2	2.0	74
	4.0	1.11	44	40				
	5.2	1.44	42.7	42				
KQL40-100	4.4	1.22	13.2	48	2900	0.55	2.3	32
	6.3	1.75	12.5	54				
	8.3	2.31	11.3	53				
KQL40-100A	3.9	1.08	10.6	52	2900	0.37	2.3	32
	5.6	1.56	10	52				
	7.4	2.06	9	52				
KQL40-125	4.4	1.22	21	41	2900	1.1	2.3	34
	6.3	1.75	20	46				
	8.3	2.31	18	43				
KQL40-125A	3.9	1.08	17.6	40	2900	0.75	2.3	33
	5.6	1.56	16	45				
	7.4	2.06	14.4	41				
KQL40-160	4.4	1.22	33	35	2900	2.2	2.3	47
	6.3	1.75	32	40				
	8.3	2.31	30	40				
KQL40-160A	4.1	1.14	29	34	2900	1.5	2.3	43
	5.9	1.64	28	39				
	7.8	2.17	26.3	39				
KQL40-160B	3.8	1.06	25.5	34	2900	1.1	2.3	38
	5.5	1.53	24	38				
	7.2	2.0	22.5	37				
KQL40-200	4.4	1.22	51	26	2900	4	2.3	74
	6.3	1.75	50	33				
	8.3	2.31	48	32				
KQL40-200A	4.1	1.14	45	26	2900	3	2.3	62
	5.9	1.64	44	31				
	7.8	2.17	42	30				
KQL40-200B	3.7	1.03	38	29	2900	2.2	2.3	52
	5.3	1.47	36	29				

	7.0	1.94	34.5	29				
KQL40-250	4.4 6.3 8.3	1.22 1.75 2.31	82 80 74	24 28 28	2900	7.5	2.3	105
KQL40-250A	4.1 5.9 7.8	1.14 1.64 2.17	72 70 65	24 28 27	2900	5.5	2.3	98
KQL40-250B	3.8 5.5 7.0	1.06 1.53 1.94	61.5 60 56	23 27 26	2900	4	2.3	77
KQL40-100(I)	8.8 12.5 16.3	2.44 3.47 4.53	13.2 12.5 11.3	55 62 60	2900	1.1	2.3	34
KQL40-100(I)A	8 11 14.5	2.22 3.05 4.03	10.6 10 9	60 60 60	2900	0.75	2.3	32
KQL40-125(I)	8.8 12.5 16.3	2.44 3.47 4.53	21.2 20 17.8	49 58 57	2900	1.5	2.3	38
KQL40-125(I)A	8 11 14.5	2.22 3.05 4.03	17 16 14	57 57 57	2900	1.1	2.3	33
KQL40-160(I)	8.8 12.5 16.3	2.44 3.47 4.53	33 32 30	45 52 51	2900	3	2.3	56
KQL40-160(I)A	8.2 11.7 15.2	2.28 3.25 4.22	29 28 26	44 51 50	2900	2.2	2.3	47
KQL40-160(I)B	7.3 10.4 13.5	2.38 2.89 3.75	23 22 20.5	50 50 50	2900	1.5	2.3	43
KQL40-200(I)	8.8 12.5 16.3	2.44 3.47 4.53	51.2 50 48	38 46 46	2900	5.5	2.3	85
KQL40-200(I)A	8.3 11.7 15.3	2.31 3.25 4.25	45 44 42	37 45 45	2900	4	2.3	75
KQL40-200(I)B	7.5 10.6 13.8	2.08 2.94 3.83	37 36 34	44 44 44	2900	3	2.3	63

KQL40-250(I)	8.8	2.44	81.2	31	2900	11	2.3	145
	12.5	3.47	80	38				
	16.3	4.53	77.5	40				
KQL40-250(I)A	8.2	2.28	71	38	2900	7.5	2.3	95
	11.6	3.22	70	38				
	15.2	4.22	68	38				
KQL40-250(I)B	7.6	2.11	61.4	37	2900	7.5	2.3	94
	10.8	3.0	60	37				
	14	3.89	58	37				
KQL40-250(I)C	7.1	1.97	53.2	36	2900	5.5	2.3	88
	10.0	2.78	52	36				
	13.1	3.64	50.4	36				
KQL50-100	8.8	2.44	13.6	55	2900	1.1	2.3	36
	12.5	3.47	12.5	62				
	16.3	4.53	11.3	60				
KQL50-100A	8	2.22	11	60	2900	0.75	2.3	35
	11	3.05	10	60				
	14.5	4.03	9	60				
KQL50-125	8.8	2.44	21.5	49	2900	1.5	2.3	43
	12.5	3.47	20	58				
	16.3	4.53	17.8	57				
KQL50-125A	8	2.22	17	57	2900	1.1	2.3	38
	11	3.05	16	57				
	14.5	4.03	14	57				
KQL50-160	8.8	2.44	33	45	2900	3	2.3	59
	12.5	3.47	32	52				
	16.3	4.53	30	51				
KQL50-160A	8.2	2.28	29	44	2900	2.2	2.3	51
	11.7	3.25	28	51				
	15.2	4.22	26	50				
KQL50-160B	7.3	2.38	23	50	2900	1.5	2.3	47
	10.4	2.89	22	50				
	13.5	3.75	20.5	50				
KQL50-200	8.8	2.44	52	38	2900	5.5	2.3	101
	12.5	3.47	50	46				
	16.3	4.53	48	46				
KQL50-200A	8.3	2.31	45.8	37	2900	4	2.3	80
	11.7	3.25	44	45				
	15.3	4.25	42	45				
KQL50-200B	7.5	2.08	37	44	2900	3	2.3	68
	10.6	2.94	36	44				

	13.8	3.83	34	44				
KQL50-250	8.8 12.5 16.3	2.44 3.47 4.53	82 80 77.5	29 38 40	2900	11	2.3	160
KQL50-250A	8.2 11.6 15.2	2.28 3.22 4.22	71.5 70 68	38 38 38	2900	7.5	2.3	115

KQL50-250B	7.6 10.8 14	2.11 3.0 3.89	61.4 60 58	37 37 37	2900	7.5	2.3	114
KQL50-250C	7.1 10.0 13.1	1.97 2.78 3.64	53.2 52 50.4	36 36 36	2900	5.5	2.3	108
KQL50-100(I)	17.5 25 32.5	4.86 6.94 9.03	13.7 12.5 10.5	67 69 69	2900	1.5	2.5	41
KQL50-100(I)A	15.6 22.3 29	4.3 6.19 8.1	11 10 8.4	65 67 68	2900	1.1	2.5	36
KQL50-125(I)	17.5 25 32.5	4.86 6.94 9.03	21.5 20 18	60 68 67	2900	3	2.5	56
KQL50-125(I)A	15.6 22.3 29	4.33 6.19 8.1	17 16 13.6	58 66 65	2900	2.2	2.5	48
KQL50-160(I)	17.5 25 32.5	4.68 6.94 9.03	34.4 32 27.5	54 63 60	2900	4	2.5	72
KQL50-160(I)A	16.4 23.4 30.4	4.56 6.5 8.44	30 28 24	54 62 59	2900	4	2.5	71
KQL50-160(I)B	15.0 21.6 28	4.17 6.0 7.78	26 24 20.6	58 58 58	2900	3	2.5	59
KQL50-200(I)	17.5 25 32.5	4.86 6.94 9.03	52.7 50 45.5	49 58 59	2900	7.5	2.5	108

KQL50-200(I)A	16.4	4.56	46.4	48	2900	7.5	2.5	107
	23.5	6.53	44	57				
	30.5	8.47	40	58				
KQL50-200(I)B	15.2	4.22	40	55	2900	5.5	2.5	100
	21.8	6.06	38	55				
	28.3	7.86	34.5	55				
KQL50-250(I)	17.5	4.86	82	39	2900	15	2.5	175
	25	6.94	80	50				
	32.5	9.03	76.5	52				
KQL50-250(I)A	16.4	4.56	71.5	39	2900	11	2.5	165
	23.4	6.5	70	50				
	30.5	8.47	67	52				
KQL50-250(I)B	15	4.17	61	38	2900	11	2.5	165
	21.6	6.0	60	49				
	28	7.78	57.4	54				
KQL50-315(I)	17.5	4.86	128	30	2900	30	2.5	310
	25	6.94	125	40				
	32.5	9.03	122	44				
KQL50-315(I)A	16.6	4.61	115	30	2900	22	2.5	245
	23.7	6.58	113	40				
	31	8.6	110	44				
KQL50-315(I)B	15.7	4.36	103	39	2900	18.5	2.5	215
	22.5	6.25	101	39				
	29.2	8.0	98	39				
KQL50-315(I)C	14.4	4.0	86	38	2900	15	2.5	195
	20.6	5.72	85	38				
	26.8	7.44	83	38				
KQL65-100	17.5	4.86	13.7	67	2900	1.5	2.5	46
	25	6.94	12.5	69				
	32.5	9.03	10.5	69				
KQL65-100A	15.6	4.3	11	65	2900	1.1	2.5	41
	22.3	6.19	10	67				
	29	8.1	8.4	68				
KQL65-125	17.5	4.86	21.5	60	2900	3	2.5	58
	25	6.94	20	68				
	32.5	9.03	18	67				
KQL65-125A	15.6	4.33	17	58	2900	2.2	2.5	49
	22.3	6.19	16	66				
	29	8.1	14.4	65				
KQL65-160	17.5	4.86	34.4	54	2900	4	2.5	75
	25	6.94	32	63				

	32.5	9.03	27.5	60				
KQL65-160A	16.4 23.4 30.4	4.56 6.5 8.44	30 28 24	54 62 59	2900	4	2.5	75
KQL65-160B	15.0 21.6 28	4.17 6.0 7.78	26 24 20.6	58 58 58	2900	3	2.5	63
KQL65-200	17.5 25 32.5	4.86 6.94 9.03	52.7 50 45.5	49 58 59	2900	7.5	2.5	107
KQL65-200A	16.4 23.5 30.5	4.56 6.53 8.47	46.4 44 40	48 57 58	2900	7.5	2.5	107
KQL65-200B	15.2 21.8 28.3	4.22 6.06 7.86	40 38 34.5	55 55 55	2900	5.5	2.5	100
KQL65-250	17.5 25 32.5	4.86 6.94 9.03	82 80 76.5	39 50 52	2900	15	2.5	180
KQL65-250A	16.4 23.4 30.5	4.56 6.5 8.47	71.5 70 67	39 50 52	2900	11	2.5	170
KQL65-250B	15 21.6 28	4.17 6.0 7.78	61 60 57.4	38 49 54	2900	11	2.5	170
KQL65-315	17.5 25 32.5	4.86 6.94 9.03	127 125 122	32 40 44	2900	30	2.5	320
KQL65-315A	16.6 23.7 31	4.61 6.58 8.6	115 113 110	32 40 44	2900	22	2.5	255
KQL65-315B	15.7 22.5 29.2	4.36 6.25 8.0	103 101 98	39 39 39	2900	18.5	2.5	225
KQL65-315C	14.4 20.6 26.8	4.0 5.72 7.44	86 85 83	38 38 38	2900	15	2.5	205
KQL65-100(I)	35 50 65	9.72 13.9 18.1	13.8 12.5 10	67 73 70	2900	3	3.0	63

KQL65-100(I)A	31.3	8.7	11	66	2900	2.2	3.0	53
	44.7	12.4	10	72				
	58	16.1	8	69				
KQL65-125(I)	35	9.72	22	67	2900	5.5	3.0	99
	50	13.9	20	72.5				
	65	18.1	17	70				
KQL65-125(I)A	31.3	8.7	17.5	66	2900	4	3.0	78
	45	12.5	16	71				
	58	16.1	13.6	69				
KQL65-160(I)	35	9.72	35	63	2900	7.5	3.0	103
	50	13.9	32	71				
	65	18.1	28	70				
KQL65-160(I)A	32.7	9.1	30.6	62	2900	7.5	3.0	103
	46.7	13.0	28	70				
	61	16.9	24	69				
KQL65-160(I)B	30.3	8.4	26	69	2900	5.5	3.0	97
	43.3	12.0	24	69				
	56.3	15.6	21	69				
KQL65-200(I)	35	9.72	53.5	55	2900	15	3.0	176
	50	13.9	50	67				
	65	18.1	46	68				
KQL65-200(I)A	32.8	9.1	47	54	2900	11	3.0	166
	47	13.1	44	66				
	61	16.9	40	67				
KQL65-200(I)B	30.5	8.5	40.6	65	2900	7.5	3.0	114
	43.5	12.1	38	65				
	56.6	15.7	33.4	65				
KQL65-250(I)	35	9.72	83	52	2900	22	3.0	235
	50	13.9	80	59				
	65	18.1	72	60				
KQL65-250(I)A	32.5	9.0	73	52	2900	18.5	3.0	205
	46.7	13.0	70	59				
	61	16.9	63	60				
KQL65-250(I)B	30	8.3	62	58	2900	15	3.0	180
	43.3	12.0	60	58				
	56	15.6	54	58				
KQL65-315(I)	35	9.72	128	44	2900	37	3.0	350
	50	13.9	125	54				
	65	18.1	121	57				
KQL65-315(I)A	32.5	9.0	112.6	43	2900	30	3.0	335
	46.5	12.9	110	54				

	60.5	16.8	106.4	57				
KQL65-315(I)B	31	8.6	102.5	53	2900	30	3.0	335
	44.5	12.4	100	53				
	58	16.1	98	53				

KQL65-315(I)C	29	8.1	87	51	2900	22	3.0	270
	41	11.4	85	51				
	53.6	14.9	83	51				
KQL80-100	35	9.72	13.8	67	2900	3	3.0	63
	50	13.9	12.5	73				
	65	18.1	10	70				
KQL80-100A	31.3	8.7	11	66	2900	2.2	3.0	54
	44.7	12.5	10	72				
	58	16.1	8	69				
KQL80-125	35	9.72	22	67	2900	5.5	3.0	99
	50	13.9	20	72.5				
	65	18.1	17	70				
KQL80-125A	31.3	8.7	17.5	66	2900	4	3.0	79
	45	12.5	16	71				
	58	16.1	13.6	69				
KQL80-160	35	9.72	35	63	2900	7.5	3.0	105
	50	13.9	32	71				
	65	18.1	28	70				
KQL80-160A	32.7	9.1	30.6	62	2900	7.5	3.0	105
	46.7	13.0	28	70				
	61	16.9	24	69				
KQL80-160B	30.3	8.4	26	69	2900	5.5	3.0	98
	43.3	12.0	24	69				
	56.3	15.6	21	69				
KQL80-200	35	9.72	53.5	55	2900	15	3.0	175
	50	13.9	50	67				
	65	18.1	46	68				
KQL80-200A	32.8	9.1	47	54	2900	11	3.0	165
	47	13.1	44	66				
	61	16.9	40	67				
KQL80-200B	30.5	8.5	40.6	65	2900	7.5	3.0	115
	43.5	12.1	38	65				
	56.5	15.7	33.4	65				
KQL80-250	35	9.72	83	52	2900	22	3.0	240
	50	13.9	80	59				

	65	18.1	72	60				
KQL80-250A	32.5 46.7 61	9.0 13.0 16.9	73 70 63	52 59 60	2900	18.5	3.0	210
KQL80-250B	30 43.3 56	8.3 12.0 15.6	62 60 54	58 58 58	2900	15	3.0	185
KQL80-315	35 50 65	9.72 13.9 18.1	128 125 122	43 54 57	2900	37	3.0	355
KQL80-315A	32.5 46.5 60.5	9.0 12.9 16.8	112.6 110 107.4	43 54 57	2900	30	3.0	340
KQL80-315B	31 44.5 58	8.6 12.4 16.1	102.5 100 98	53 53 53	2900	30	3.0	340
KQL80-315C	29 41 53.6	8.1 11.4 14.9	98 85 83	51 51 51	2900	22	3.0	275
KQL80-350	35 50 65	9.72 13.9 18.1	146 150 142	55 66 67	290	55	3.0	570
KQL80-350A	31 44.5 58	8.6 12.4 16.1	138.4 142 134.8	65 65 65	2900	45	3.0	470
KQL80-350B	29 41 53.6	8.1 11.4 14.9	131.4 135 127.8	63 63 63	2900	37	3.0	440
KQL80-100(I)	70 100 130	19.4 27.8 36.1	13.6 12.5 11	66 76 75	2900	5.5	4.5	108
KQL80-100(I)A	62.6 89 116	17.4 24.7 32.2	11 10 8.8	64 74 74	2900	4	4.5	87
KQL80-125(I)	70 100 130	19.4 27.8 36.1	23.5 20 14	70 76 65	2900	11	4.5	163
KQL80-125(I)A	62.6 89 116	17.4 24.7 32.2	19 16 11	68 74 65	2900	7.5	4.5	113

KQL80-160(I)	70	19.4	36.5	70	2900	15	4.5	184
	100	27.8	32	76				
	130	36.1	24	65				
KQL80-160(I)A	65.4	18.2	32	68	2900	11	4.5	174
	93.5	26.0	28	74				
	121.6	33.8	21	67				
KQL80-160(I)B	60.6	16.8	72	72	2900	11	4.5	174
	86.6	24.1	24	72				
	112.5	31.3	18	72				
KQL80-200(I)	70	19.4	54	65	2900	22	4.0	251
	100	27.8	50	74				
	130	36.1	42	73				
KQL80-200(I)A	65.4	18.2	47.5	64	2900	18.5	4.0	220
	93.5	26.0	44	73				
	121.6	33.8	37	72				
KQL80-200(I)B	61	16.9	41	71	2900	15	4.0	198
	87	24.2	38	71				
	113	31.4	32	71				
KQL80-250(I)	70	19.4	87	62	2900	37	4.0	330
	100	27.8	80	69				
	130	36.1	68	68				
KQL80-250(I)A	65.4	18.2	76	61	2900	30	4.0	315
	93.5	26.0	70	68				
	121.6	33.8	59.5	67				
KQL80-250(I)B	61	16.9	65	66	2900	30	4.0	315
	87	24.2	60	66				
	113	31.4	51	66				
KQL80-315(I)	70	19.4	132	55	2900	75	4.0	675
	100	27.8	125	66				
	130	36.1	114	67				
KQL80-315(I)A	66.5	18.5	119	55	2900	55	4.0	535
	95	26.4	113	66				
	123.6	34.3	103	67				
KQL80-315(I)B	63	17.5	106.6	65	2900	45	4.0	420
	90	25	101	65				
	117	32.5	92	65				
KQL80-315(I)C	58	16.1	90	63	2900	37	4.0	366
	82	22.8	85	63				
	107	29.7	76	63				
KQL100-100	70	19.4	13.6	66	2900	5.5	4.5	113
	100	27.8	12.5	76				

	130	36.1	11	75				
KQL100-100A	62.6 89 116	17.4 4732.2	11 10 8.8	64 74 74	2900	4	4.5	91
KQL100-125	70 100 130	19.4 27.8 36.1	23.5 20 14	70 76 65	2900	11	4.5	169
KQL100-125A	62.6 89 116	17.4 24.7 32.2	19 16 11	68 74 63	2900	7.5	4.5	118
KQL100-160	70 100 130	19.4 27.8 36.1	36.5 32 24	70 76 65	2900	15	4.5	191
KQL100-160A	65.4 93.5 121.6	18.2 26.0 33.8	32 28 21	68 74 67	2900	11	4.5	181
KQL100-160B	60.6 86.6 112.5	16.8 24.1 31.3	27 24 18	72 72 72	2900	11	4.5	181
KQL100-200	70 100 130	19.4 27.8 36.1	54 50 42	65 74 73	2900	22	4.0	245
KQL100-200A	65.4 93.5 121.6	18.2 26.0 33.8	47.5 44 37	64 73 72	2900	18.5	4.0	215
KQL100-200B	61 87 113	16.9 24.2 31.4	41 38 32	71 71 71	2900	15	4.0	193
KQL100-250	70 100 130	19.4 27.8 36.1	87 80 68	62 69 68	2900	37	4.0	345
KQL100-250A	65.4 93.5 121.6	18.2 26.0 33.8	76 70 59.5	61 68 67	2900	30	4.0	330
KQL100-250B	61 87 113	16.9 24.2 31.4	65 60 51	66 66 66	2900	30	4.0	330
KQL100-315	70 100 130	19.4 27.8 36.1	132 125 114	55 66 67	2900	75	4.0	689

KQL100-315A	66.5	18.5	119	65	2900	55	4.0	549
	95	26.4	113	66				
	123.6	34.3	103	67				
KQL100-315B	63	17.5	106.6	65	2900	45	4.0	439
	90	25	101	65				
	117	32.5	92	65				
KQL100-315C	58	16.1	90	63	2900	37	4.0	385
	82	22.8	85	63				
	107	29.7	76	63				
KQL100-350	60	16.7	153.6	72	2900	90	4.0	950
	100	27.8	150	57				
	120	33.3	142	74				
KQL100-350A	61	16.9	145.6	75	2900	75	4.0	830
	87	24.2	142	75				
	113	31.4	134	75				
KQL100-350B	58	16.1	138.6	75	2900	55	4.0	600
	82	22.8	135	75				
	107	29.7	127	75				
KQL100-100 (I)	96	26.7	14	64	2900	11	4.5	115
	160	44.4	12.5	73				
	192	53.3	10	70				
KQL100-125 (I)	96	26.7	24	62	2900	15	4.5	168
	160	44.4	20	74				
	192	53.3	14	69				
KQL100-125 (I) A	84	23.3	20	64	2900	11	4.5	168
	140	39	17	72				
	168	46.7	12	69				
KQL100-160 (I)	96	26.7	36	69	2900	22	5.6	210
	160	44.4	32	79				
	192	53.3	27	75				
KQL100-160 (I) A	84	23.3	32	66	2900	18.5	5.0	210
	140	39	28	76				
	168	46.7	23.5	72				
KQL100-200 (I)	96	26.7	53	69	2900	37	5.2	402
	160	44.4	50	79				
	192	53.3	45	78				
KQL100-200 (I) A	84	23.3	48	64	2900	30	4.5	395
	140	39	45	74				
	168	46.7	40	73				
KQL100-200 (I) B	60	16.7	43	72	2900	22	4.5	360
	100	27.8	40	72				

	120	33.3	36	72				
KQL100-250 (I)	96 160 192	26.7 44.4 53.3	83 80 72	65 77 74	2900	55	4.8	560
KQL100-250 (I) A	84 140 168	23.3 39 46.7	75 72 65	60 72 69	2900	45	4.5	420
KQL100-250 (I) B	60 100 120	16.7 27.8 33.3	68 65 58	70 70 70	2900	37	4.5	400
KQL125-100	96 160 192	26.7 44.4 53.3	13 12.5 12	82 82 82	2900	11	4.0	180
KQL125-100A	86 143 172	23.9 39.7 47.8	10.4 10 9.6	77 77 77	290	7.5	4.0	125
KQL125-125	96 160 192	26.7 44.4 53.3	22.6 20 17	80 80 80	2900	15	4.0	220
KQL125-125A	86 143 172	23.9 39.7 47.8	18 16 13.6	77 77 77	2900	11	4.0	210
KQL125-160	96 160 192	26.7 44.4 53.3	36 32 28	78 78 78	2900	22	4.0	265
KQL125-160A	90 150 180	25 41.7 50	31.5 28 24.5	76 76 76	2900	18.5	4.0	230
KQL125-160B	83 138 166	21.7 38.3 46.1	27 24 21	73 73 73	2900	15	4.0	215
KQL125-200	96 160 192	26.7 44.4 53.3	55 50 46	77 77 77	2900	37	5.5	395
KQL125-200B	83 138 166	21.7 38.3 46.1	41.3 37.4 34.5	75 75 75	2900	22	5.5	320
KQL125-250	96 160	24.7 44.7	87 80	75 75	2900	55	5.0	580

	192	53.3	73	75				
KQL125-250A	90 150 180	25 41.7 50	76 70 84	74 74 74	2900	45	5.5	490
KQL125-250B	83 138 166	21.7 38.3 46.1	65 60 55	73 73 73	2900	37	5.5	430
KQL125-215	96 160 192	26.7 44.7 53.3	133 125 119	70 70 70	2900	90	5.0	790
KQL125-315A	90 150 180	25 41.7 50	117 110 104.6	70 70 70	2900	75	5.0	710
KQL125-315B	86 143 172	23.9 39.7 47.8	106.4 100 95.2	69 69 69	2900	75	5.0	705
KQL125-315C	80.5 134 161	22.4 37.2 44.7	96 88 86	67 67 67	2900	55	5.0	585
KQL150-125	96 160 192	26.7 44.4 53.3	22.6 24 17	66 76 76	2900	11	4.0	210
KQL150-125A	90 150 180	25 41.7 50	18 16 13.6	77 77 77	2900	7.5	4.0	130
KQL150-160	96 160 192	26.7 44.4 53.3	36 32 27	75 75 75	2900	22	4.0	270
KQL150-160A	90 150 180	25 41.7 50	32 28 23.5	76 76 76	2900	18.5	4.0	230
KQL150-160B	84 141 168	23.3 39 46.7	27 24 21	73 73 73	2900	15	4.0	220
KQL150-200	140 200 260	38.9 55.6 72.2,	13.8 12.5 10.6	68 78 78	1450,	15	, 3.0	265
KQL150-200A	125 176 232.5	34.7 49.7 64.6	11 10 8.5	66 76 76	1450	11	3.0	244

KQL150-200B	84	23.3	41	75	2900	22	4.0	275
	440	39	38	75				
	168	46.7	34	75				
KQL150-250	140	38.9	21.8	73	1450	18.5	3.0	300
	200	55.6	20	79				
	260	72.2	17	77				
KQL150-250A	129	35.8	18.5	72	1450	15	3.0	262
	184.4	51.2	17	78				
	240	66.7	14.4	76				
KQL150-250B	117	32.5	15.2	76	1450	11	3.0	241
	167	46.4	14	76				
	217.5	60.4	12	76				
KQL150-315	140	38.9	33.8	70	1450	30	2.5	410
	200	55.6	32	78				
	260	72.2	28	73				
KQL150-315A	131	36.4	29.5	69	1450	22	3.5	335
	187	51.9	28	77				
	243	67.5	24.5	77				
KQL150-315B	121	33.5	25	76	1450	18.5	3.5	315
	173	48.1	24	76				
	225	62.5	21	76				
KQL150-350	96	26.7	153.6	80	2900	110	5.5	970
	160	44.4	150	80				
	192	53.3	142.8	80				
KQL150-350A	90	25	145.6	70	2900	90	5.2	790
	150	41.7	142	70				
	180	50	134.8	70				
KQL150-350B	84	23.3	138.6	65	2900	75	5.5	705
	140	39	35	76				
	168	46.7	127.8	74				
KQL150-400	140	38.9	53	68	1450	45	3.5	490
	200	55.6	50	75				
	260	72.2	44	71				

KQL150-400A	131	36.4	46.4	67	1450	37	3.5	454
	187	51.9	44	74				
	243	67.5	38.3	70				
KQL150-400B	122	33.9	40	73	1450	60	3.5	435
	174	48.3	38	73				
	226.5	62.9	33	73				

KQL150-400C	112	31.1	34	71	1450	22	3.5	365
	160	44.4	32	71				
	208	57.8	28	71				
KQL150-250(I)	120	33.3	87	65	2900	75	4.5	702
	200	55.6	80	76				
	240	66.7	72	74				
KQL150-250(I)A	112	31.1	76	64	2900	55	4.5	451
	187	51.9	70	75				
	224	62.2	63	73				
KQL150-250(I)B	104	28.9	65	63	2900	45	4.5	460
	173	48.1	60	74				
	208	57.8	54	72				
KQL150-315(I)	120	33.3	133	58	2900	110	4.5	980
	200	55.6	125	72				
	240	66.7	120	75				
KQL150-315(I)A	112	31.1	116	57	2900	90	4.5	800
	187	51.9	110	72				
	224	62.2	105	74				
KQL200-315(I)B	104	28.9	100	55	2900	75	4.5	724
	173	48.1	95	70				
	208	57.8	91	72				
KQL200-200	140	38.9	13.8	68	1450	15	3.0	265
	200	55.6	12.5	78				
	260	72.2	10.6	78				
KQL200-200A	125	34.7	11	66	1450	11	3.0	244
	179	49.7	10	76				
	232.5	64.6	8.5	76				
KQL200-250	140	38.9	21.8	73	1450	18.5	3.0	305
	200	55.6	20	79				
	260	72.2	17	77				
KQL200-250A	129	35.8	18.5	72	1450	15	3.0	267
	184.4	51.2	17	78				
	240	66.7	14.4	76				
KQL200-250B	117	32.5	15.2	76	1450	11	3.0	246
	167	46.4	14	76				
	217.5	60.4	12	76				
KQL200-315	140	38.9	33.8	70	1450	30	3.5	417
	200	55.6	32	78				
	260	72.2	28	78				
KQL200-315A	131	36.4	29.5	69	1450	22	3.5	342
	189	51.9	28	77				

	243	67.5	24.5	77				
KQL200-315B	121 173 225	33.6 48.1 62.5	25 24 21	76 76 76	1450	18.5	3.5	322
KQL200-400	140 200 260	38.9 55.6 72.2	53 50 44	68 75 71	1450	45	3.5	498
KQL200-400A	131 187 243	36.4 51.9 67.5	46.6 44 38.3	67 74 70	1450	37	3.5	462
KQL200-400B	122 174 226.5	33.9 48.6 62.9	44 38 33	73 73 73	1450	30	3.5	443
KQL200-400C	112 160 208	31.3 44.4 57.8	34 32 28	71 71 71	1450	22	3.5	373
KQL200-200(I)	280 400 520	77.8 111.1 144	13.4 12.5 10.5	70 80 79	1450	22	4.0	382
KQL200-200(I)A	250 358 465	69.4 99.4 129.2	10.7 10 8.5	68 78 77	1450	18.5	4.0	346
KQL200-250(I)	280 400 520	77.8 111.4 144	22.2 20 14	75 80 72	1450	30	4.0	475
KQL200-250(I)A	250 358 465	69.4 99.4 129.2	18 16 11.2	73 78 70	1450	22	4.0	405
KQL200-250(I)B	226 322 419	62.8 89.4 116.4	14.4 13 7.3	70 75 67	1450	18.5	4.0	387
KQL200-315(I)	280 440 520	77.8 111.4 144	36 32 26	73 80 75	1450	55	4.0	675
KQL200-315(I)A	262 374 482	72.8 103.9 135	31.5 28 23	72 79 74	1450	45	4.0	560
KQL200-315(I)B	242 346 450	67.2 96.1 125	27 24 19.5	78 78 78	1450	37	4.0	535

KQL200-400 (I)	280	77.8	54.5	75	1450	75	4.0	830
	400	111.4	50	81				
	520	144	39	77				
KQL200-400 (I) A	262	72.8	48	80	1450	75	4.0	830
	374	103.9	44	80				
	486	135	34	80				
KQL200-400 (I) B	242	67.2	41.4	78	1450	55	5.0	685
	346	96.1	38	78				
	450	125	29.6	78				
KQL200-400 (I) C	224	62.2	34.9	76	1450	45	5.0	580
	320	88.9	32	76				
	416	115.6	25	76				
KQL250-250	350	97.2	22	78	1450	45	5.0	620
	550	152.8	20	82				
	650	180.5	16	81				
KQL250-250A	300	83.3	18.3	76	1450	37	5.0	550
	500	139	17	80				
	600	166.7	14	80				
KQL250-235	300	83.3	14	73	1450	22	4.5	410
	500	139	12.5	78				
	600	166.7	11	70				
KQL250-300	300	83.3	22	78	1450	37	4.5	550
	500	139	20	78				
	600	166.7	16	78				
KQL250-315	350	97.2	34	76	1450	75	5.5	890
	550	152.8	32	80				
	650	180.5	28	79				
KQL250-315A	300	83.3	29.5	74	1450	55	5.5	690,
	500	139	28	78				
	600	166.7	24	77				
KQL250-315B	260	72.2	25	70	1450	45	5.5	620
	450	125	24	74				
	520	144.4	20	72				
KQL250-400	300	83.3	54.5	72	1480	90	4.5	1530
	500	139	50	72				
	600	166.7	39	72				
KQL300-235	480	133.3	20	77	970	55	5.0	1120
	720	200	18	81				
	900	250	15.5	74				
KQL300-235A	438	121.7	16.5	75	970	45	5.0	1030
	607	182.5	15	79				

	821	228.1	13	72				
KQL300-235B	400 600 750	111.1 167.0 208.3	14 12.5 11	73 77 70	970	37	5.0	890
KQL300-300	480 720 900	133.3 200 250	31 28 25	77 81 77	970	75	5.0	1350
KQL300-300A	444 666 833	123.3 185 231.4	26.5 24 21.5	76 80 76	970	75	5.0	1350
KQL300-300B	415 623 779	115.3 173.1 261.4	23 21 18.5	79 79 79	970	55	5.0	1170
KQL300-380	480 720 900	133.3 200 250	48 44 34	84 84 84	970	132	5.0	1900
KQL300-380A	444 666 833	123.3 185 231.4	41.4 38 30	80 80 80	970	110	5.0	1700
KQL300-380B	409 614 767	113.6 170.6 213.1	35 32 25	78 78 78	970	90	5.0	1530
KQL300-235 (I)	718 1080 1345	199.4 300 373.6	44.6 40 34.6	82 82 82	1450	160	5.5	1680
KQL300-235 (I) A	642 965 1203	178.3 268.1 334.2	35.7 32 27.7	80 80 80	1450	132	5.5	1440
KQL200-315 (I)	280 440 520	77.8 111.4 144	36 32 26	73 80 75	1450	55	4.0	675
KQL200-315 (I) A	262 374 482	72.8 103.9 135	31.5 28 23	72 79 74	1450	45	4.0	560
KQL200-315 (I) B	242 346 450	67.2 96.1 125	27 24 19.5	78 78 78	1450	37	4.0	535
KQL200-400 (I)	280 400 520	77.8 111.4 144	54.5 50 39	75 81 77	1450	75	4.0	830

KQL200-400(I)A	262	72.8	48	80	1450	75	4.0	830
	374	103.9	44	80				
	486	135	34	80				
KQL200-400(I)B	242	67.2	41.4	78	1450	55	5.0	685
	346	96.1	38	78				
	450	125	29.6	78				
KQL200-400(I)C	224	62.2	34.9	76	1450	45	5.0	580
	320	88.9	32	76				
	416	115.6	25	76				
KQL250-250	350	97.2	22	78	1450	45	5.0	620
	550	152.8	20	82				
	650	180.5	16	81				
KQL250-250A	300	83.3	18.3	76	1450	37	5.0	550
	500	139	17	80				
	600	166.7	14	80				
KQL250-235	300	83.3	14	73	1450	22	4.5	410
	500	139	12.5	78				
	600	166.7	11	70				
KQL250-300	300	83.3	22	78	1450	37	4.5	550
	500	139	20	78				
	600	166.7	16	78				
KQL250-315	350	97.2	34	76	1450	75	5.5	890
	550	152.8	32	80				
	650	180.5	28	79				
KQL250-315A	300	83.3	29.5	74	1450	55	5.5	690
	500	139	28	78				
	600	166.7	24	77				
KQL250-315B	260	72.2	25	70	1450	45	5.5	620
	450	125	24	74				
	520	144.4	20	72				
KQL250-400	300	83.3	54.5	72	1480	90	4.5	1530
	500	139	50	72				
	600	166.7	39	72				
KQL250-235	480	133.3	20	77	970	55	5.0	1120
	720	200	18	81				
	900	250	15.5	74				
KQL250-235A	438	121.7	16.5	75	970	45	5.0	1030
	607	182.5	15	79				
	821	228.1	13	72				
KQL250-235B	400	111.1	14	73	970	37	5.0	890
	600	167.0	12.5	77				

	750	208.3	11	70				
KQL300-300	480	133.3	31	77	970	75	5.0	1350
	720	200	28	81				
	900	250	25	77				
KQL300-300A	444	123.3	26.5	76	970	75	5.0	1350
	666	185	24	80				
	833	231.4	21.5	76				
KQL300-300B	415	115.3	23	79	970	55	5.0	1170
	623	173.1	21	79				
	779	261.4	18.5	79				
KQL300-380	480	133.3	48	84	970	132	5.0	1900
	720	200	44	84				
	900	250	34	84				
KQL300-380A	444	123.3	41.4	80	970	110	5.0	1700
	666	185	38	80				
	833	231.4	30	80				
KQL300-380B	409	113.6	35	78	970	90	5.0	1530
	614	170.6	32	78				
	767	213.1	25	78				
KQL300-235 (I)	718	199.4	44.6	82	970	160	5.5	1680
	1080	300	40	82				
	1345	373.6	34.6	82				
KQL300-235 (I) A	642	178.3	35.7	80	970	132	5.5	1440
	965	268.1	32	80				
	1203	334.2	27.7	80				