



Model	ϕD	ϕd	L	d1	d2	L1	r
KDAS-20 11	20	11	13.5	17	19	2.1	0.4
KDAS-22 13	22	13	13.5	19	21	2.1	0.4
KDAS-25 15	25	15	12	21	23	4	0.4
KDAS-25 15/1	25	15	12.5				
KDAS-25 15/2	25	15	16.4				
KDAS-25 16	25	16	13.5	22	24	2.1	0.4
KDAS-28 19	28	19	13.5	25	27	2.1	0.4
KDAS-30 21	30	21	13.5	27	29	2.1	0.4
KDAS-32 022/1	32	22	15.5	28	31	2.6	0.4
KDAS-32 022	32	22	16.4	28.5	30.5	6.35	0.4
KDAS-32 024	32	24	15.5	28	31	3.2	0.4
KDAS-35 025/1	35	25	15.5	31	34	2.6	0.4
KDAS-35 25	35	25	16.4	31.4	33.5	6.35	0.4
KDAS-40 24	40	24	18.4	35.4	38.5	6.35	0.4
KDAS-40 26	40	26	15.5	36	39	2.6	0.4
KDAS-40 30/1	40	30	12.5	36	38	4	0.4
KDAS-40 30/2	40	30	12.5	37	39	4	0.4
KDAS-40 30	40	30	16.4	35.4	38.5	6.35	0.4
KDAS-42 28	42	28	15.5	38	41	2.6	0.4
KDAS-42 29	45	29	18.4	40.4	43.7	6.35	0.4
KDAS-45 31	45	31	15.5	41	44	2.6	0.4
KDAS-45 35	45	35	16.4	40.4	43.5	6.35	0.4
KDAS-50 34	50	34	18.4	45.4	48.5	6.35	0.4
KDAS-50 34/1	50	34	20.5	46	49	3.1	0.4
KDAS-50 38	50	38	20.5	46	49.4	4.2	0.4
KDAS-55 39	55	39	18.4	50.36	53.5	6.35	0.4
KDAS-55 39/1	55	39	20.5	51	54	3.1	0.4
KDAS-56 40	56	40	20.5	52	55	3.1	0.4
KDAS-60 44	60	44	18.4	55.4	58.5	6.35	0.4
KDAS-60 44/1	60	44	20.5	56	59	3.1	0.4
KDAS-60 48	60	48	20.5	56	59.4	4.2	0.4
KDAS-63 47	63	47	18.4	58.4	61.5	6.35	0.4
KDAS-63 47/2	63	47	19.4	58.4	61.5	6.35	0.4
KDAS-63 47/1	63	47	20.5	59	62	3.1	0.4



Model	ϕD	ϕd	L	d1	d2	L1	r
KDAS-63 51	63	51	20.5	58.4	62.4	4.2	0.4
KDAS-65 49	65	49	20.5	61	64	3.1	0.4
KDAS-65 50	65	50	18.4	60.4	63.5	6.35	0.4
KDAS-70 50	70	50	22.4	64.2	68.3	6.35	0.4
KDAS-70 54	70	54	20.5	66	69	3.1	0.4
KDAS-70 58	70	58	20.5	66	69.4	4.2	0.4
KDAS-75 55	75	55	22.4	69.2	73.3	6.35	0.4
KDAS-75 59	75	59	20.5	71	74	3.1	0.4
KDAS-80 60	80	60	22.4	74.15	78.3	6.35	0.4
KDAS-80 62	80	62	22.5	76	79	3.6	0.4
KDAS-80 66	80	66	22.5	76	79.4	5.2	0.4
KDAS-80 66	80	66	34				
KDAS-85 65	85	65	22.4	79.15	83.3	6.35	0.4
KDAS-90 70	90	70	22.4	84.15	88.3	6.35	0.4
KDAS-90 72	90	72	22.5	86	89	3.6	0.4
KDAS-90 76	90	76	22.5	86	89.4	5.2	0.4
KDAS-95 75	95	75	22.4	89.15	93.3	6.35	0.4
KDAS-100 75	100	75	22.4	93.15	98	6.35	0.4
KDAS-100 80	100	80	25	95	98	6.35	0.4
KDAS-100 82	100	82	22.5	96	99	3.6	0.4
KDAS-100 86	100	86	22.5	96	99.4	5.2	0.4
KDAS-100 86	100	86	34				
KDAS-105 80	105	80	22.4	98.1	103	6.35	0.4
KDAS-110 85	110	85	22.4	103.1	108	6.35	0.4
KDAS-110 92	110	92	22.5	106	109	3.6	0.4
KDAS-110 96	110	96	22.5	106	109.4	5.2	0.4
KDAS-110 96	110	96	33.4				
KDAS-115 90	115	90	22.4	108.1	113	6.35	0.4
KDAS-115 97	115	97	22.5	111	114	3.6	0.4
KDAS-120 95	120	95	22.4	113.1	118.1	6.35	0.4
KDAS-120 106	120	106	22.5	116	119.4	5.2	0.4
KDAS-120 106	120	106	32.9				
KDAS-125 100	125	100	25.4	118.1	123	6.35	0.8
KDAS-125 103	125	103	26.5	121	124	5.1	0.8
KDAS-125 108	125	108	26.5	121	124.4	7.2	0.8
KDAS-125 108	125	108	40.9				
KDAS-130 105	130	105	25.4	122.6	127.5	9.5	0.8
KDAS-130 105/1	130	105	25.4	123.1	128	6.35	0.8
KDAS-135 110	135	110	25.4	127.6	132.5	9.5	0.8
KDAS-135 110/1	135	110	25.4	128.1	133	6.35	0.8
KDAS-140 115	140	115	25.4	132.6	137.5	9.5	0.8
KDAS-140 115/1	140	115	25.4	133	138	6.35	0.8
KDAS-140 118	140	118	26.5	136	139	5.1	0.8
KDAS-140 123	140	123	26.5	136	139.4	7.2	0.8
KDAS-145 120	145	120	25.4	137.6	142.5	9.5	0.8
KDAS-145 120/1	145	120	25.4	138.3	142.95	6.35	0.8
KDAS-150 125	150	125	25.4	142.6	147.5	9.5	0.8
KDAS-150 125/1	150	125	25.4	143	148	6.35	0.8
KDAS-150 128	150	128	26.5	146	149	5.1	0.8



Model	ϕD	ϕd	L	d1	d2	L1	r
KDAS-150 133	150	133	26.5	146	149.4	7.2	0.8
KDAS-152.4 127	152.4	127	31.75				
●KDAS-155 130	155	130	25.4	147.6	152.5	9.5	0.8
KDAS-155 130/1	155	130	25.4	148	153	6.35	0.8
KDAS-160 130	160	130	25.4	153	157.5	6.35	0.8
●KDAS-160 130/1	160	130	25.4	152.6	157.5	9.5	0.8
●KDAS-160 135	160	135	25.4	152.6	157.5	9.5	0.8
●KDAS-160 138	160	138	26.5	156	159	5.1	0.8
KDAS-160 143	160	143	26.5	159	159.4	7.2	0.8
KDAS-165 140	165	140	25.4	157.6	162.5	9.5	0.8
●KDAS-170 145	170	145	25.4	161.7	167.1	12.7	0.8
KDAS-170 148	170	148	26.5	166	169	5.1	0.8
KDAS-175 150	175	150	25.4	166.7	172.1	12.7	0.8
●KDAS-180 150	180	150	35.4	172.95	177.87	6.35	0.8
KDAS-180 155	180	155	25.4	171.7	177.1	12.7	0.8
KDAS-185 160	185	160	25.4	176.7	182.1	12.7	0.8
KDAS-190 165	190	165	25.4	181.7	187	12.7	0.8
KDAS-195 170	195	170	25.4	186.7	192	12.7	0.8
KDAS-200 175	200	175	25.4	191.6	197	12.7	0.8
KDAS-210 185	210	185	25.4	201.6	207	12.7	0.8
●KDAS-220 190	220	190	35.4	212.7	217.9	6.35	0.8
KDAS-220 195	220	195	25.4	211.6	217	12.7	0.8
KDAS-230 205	230	205	25.4	221.6	227	12.7	0.8
KDAS-240 215	240	215	25.4	231.6	237	12.7	0.8
●KDAS-250 220	250	220	35.4	242.9	247.85	6.35	0.8
KDAS-250 225	250	225	25.4	241.6	247	12.7	0.8
KDAS-260 235	260	235	35.1			12.7	
KDAS-280 250	280	250	35.4			9.5	
KDAS-280 255	280	255	25.4			12.7	
KDAS-300 275	300	275	25.4			12.7	
KDAS-320 290	320	290	35.4			9.52	
KDAS-320 290/1	320	290	25.4			12.7	
KDAS-320 295	320	295	25.4			12.7	
KDAS-360 335	360	335	25.4			12.7	