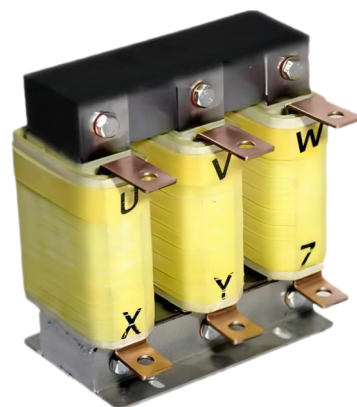
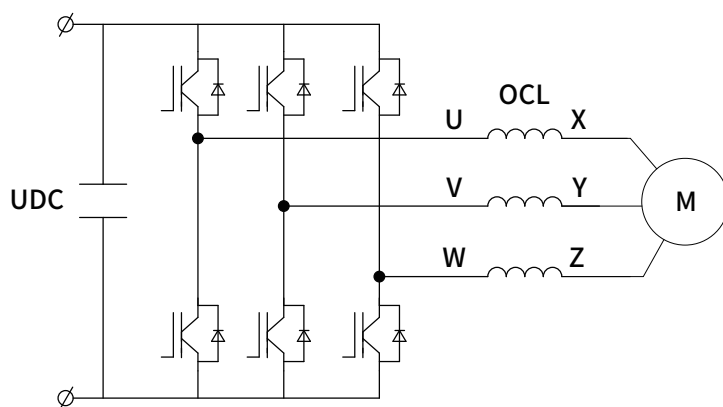


Output reactors

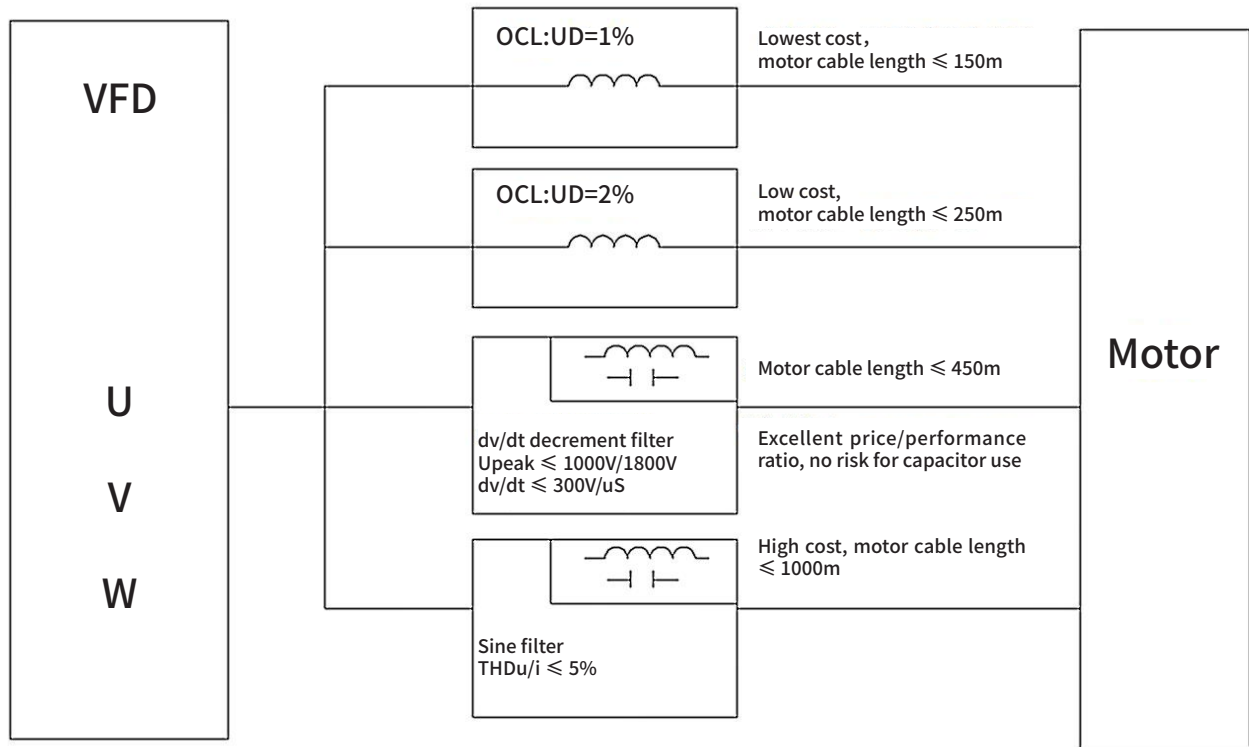
- **Application circuit:** VFD output side, to suppress the high-order harmonic current derived from the ripple current of the switching frequency, and reduce the dv/dt transient voltage reflected by the long cable traveling waves, so as to reduce motor eddy current loss and noise and protect the motor insulation.



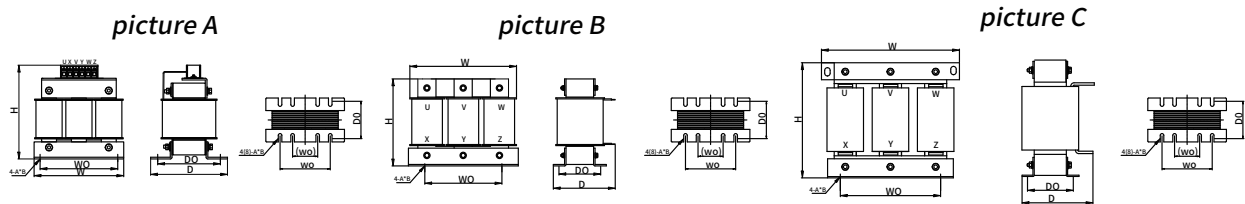
■ Performance

Rated voltage	3PH-AC400V/AC690V, 50HZ/60Hz
Insulation class	F
Rated noise	≤ 75d B
Electric strength	AC3000V/AC4200V 50Hz 1min Leakage current ≤ 5m A
Working environment temperature	-25°C -45°C
Cooling method	Natural cooling
Standards	GB10229-88 Reactors, IEC289: 1987 Reactors, JB9644-1999 Reactors used for semiconductor electric drives, RoHS, CE certification

■ VFD output side solution



■ Dimensional and technical parameters

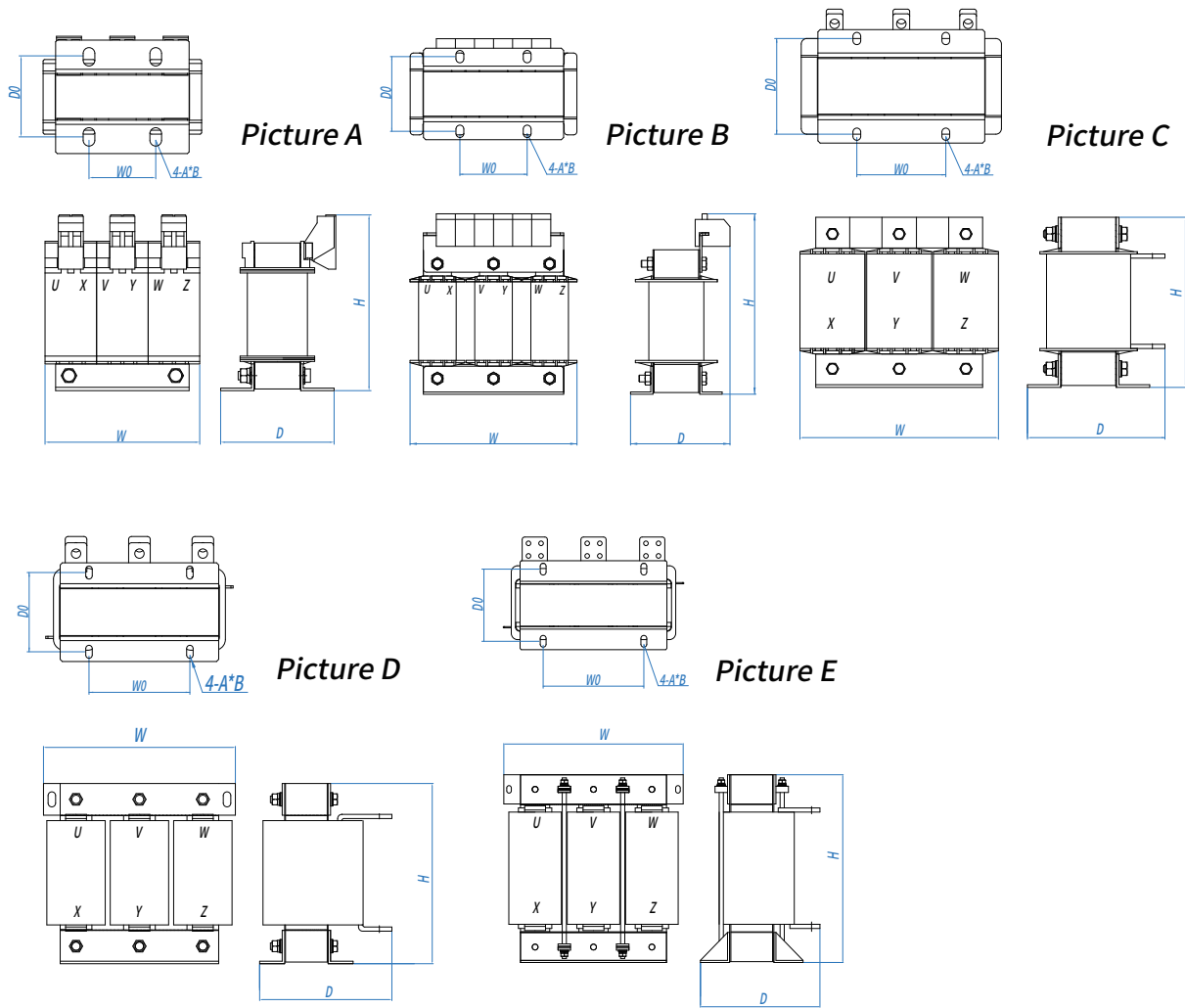


Note:

Among the markings on the products, U, V, and W indicate three-phase input terminals, while X, Y, and Z indicates three-phase output terminals
W0 is the spacing between base fixing screws. For certain models, the base may have 8 fixing screws, hence there are two W0 parameters

■ For output reactors (UD=1%)

System voltage: 3PH-AC400V 50Hz/3-AC480V 60Hz, Reactor insulation class: Class F, Aluminium																
Model	Picture No.	Carrier frequency (<kHz)	VFD power (kW)	Rated current (A)	Inductance (μH)	Net weight (kg)	Line loss (W)	Iron loss (W)	Dimensions (mm)						Single unit package	
									W	D	H	W0/ (W0)	D0	A*B	Dimensions (W*D*H) (mm)	Gross weight (kg)
GDL-OCL0035-4AL	B	4	15	35	230	3.52	45	11	170	130	160	120 (95)	63	6*15	320*220*290	6.82
GDL-OCL0040-4AL		4	18.5	40	190	3.4	50	12	170	130	155	120 (95)	76	6*15	320*220*290	6.7
GDL-OCL0050-4AL		4	22	50	160	5.06	50	12	195	140	170	120	72	8.5*20	320*220*290	8.36
GDL-OCL0060-4AL		4	30	60	110	5.25	60	14	195	140	170	120 (95)	72	8.5*20	320*220*290	8.55
GDL-OCL0075-4AL		4	37	75	90	5.57	65	14	210	140	170	120 (95)	72	8.5*20	320*220*290	8.87
GDL-OCL0092-4AL		4	45	92	75	6.36	77	15	215	160	195	150	83	11*18	320*220*290	9.66
GDL-OCL0115-4AL		4	55	115	60	8.17	89	21	210	170	170	150	88	11*18	320*220*290	11.47
GDL-OCL0150-4AL		4	75	150	46	12.29	95	23	250	190	235	182 (150)	98	11*18	320*220*290	15.59
GDL-OCL0220-4AL	C	4	90	220	30	18.8	100	25	250	190	235	214 (182)	98	11*18	320*420*390	23.9
GDL-OCL0220-4AL		4	110	220	30	18.8	100	25	250	190	235	214 (182)	98	11*18	320*420*390	23.9
GDL-OCL0265-4AL		4	132	265	24	19.19	120	30	250	190	240	214 (182)	108	11*18	320*420*390	24.29
GDL-OCL0330-4AL		4	160	330	21	20	145	30	250	190	240	214 (182)	108	11*18	420*450*390	26.2
GDL-OCL0400-4AL		4	185	400	17	21.6	165	35	250	200	240	214 (182)	108	11*18	420*450*390	27.8
GDL-OCL0400-4AL		4	200	400	17	21.6	165	35	250	200	240	214 (182)	108	11*18	420*450*390	27.8
GDL-OCL0450-4AL		4	220	450	15	28	175	35	295	230	255	243	125	12*20	420*450*390	34.2
GDL-OCL0500-4AL		4	250	500	13	32.8	190	40	295	250	255	243	140	12*20	530*370*450	42.2
GDL-OCL0560-4AL		4	280	560	12	35.3	220	45	295	250	255	243	140	12*20	530*370*450	44.7
GDL-OCL0660-4AL		4	315	660	10.5	38.05	270	45	295	260	290	243	140	12*20	530*370*450	47.45
GDL-OCL0660-4AL		4	355	660	10.5	38.05	270	45	295	260	290	243	140	12*20	530*370*450	47.45
GDL-OCL0720-4AL		4	400	720	9.5	50	298	57	295	260	305	243	140	12*20	530*420*470	59.4
GDL-OCL0820-4AL		4	450	820	8.7	55	308	67	320	280	340	260	135	15*25	530*420*470	64.4
GDL-OCL1000-4AL		4	500	1000	7.5	55	310	70	320	280	370	260	135	15*25	530*420*470	64.4



Note:
Among the markings on the products, U, V, and W indicate three-phase input terminals, while X, Y, and Z indicates three-phase output terminals

System voltage: 3PH-AC400V 50Hz/3-AC480V 60Hz, Reactor insulation class: Class F, Copper																
Model	Picture No.	Carrier frequency (<kHz)	VFD power (kW)	Rated current (A)	Inductance (μH)	Net weight (kg)	Line loss (W)	Iron loss (W)	Dimensions (mm)						Single unit package	
									W	D	H	W0	D0	A*B	Dimensions (W*D*H) (mm)	Gross weight (kg)
GDL-OCL0005-4CU	A	8	0.75	5	1400	2.6	18.2	8.5	100	80	110	40	48	7*11	180*150*220	4.5
GDL-OCL0005-4CU		8	1.5	5	1400	2.6	18.2	8.5	100	80	110	40	48	7*11	180*150*220	4.5
GDL-OCL0006-4CU		8	2.2	6	1400	2.6	18.2	8.5	100	80	110	40	48	7*11	180*150*220	4.5
GDL-OCL0010-4CU		8	4	10	700	3	21.9	7.9	120	80	125	50	53	7*11	180*150*220	5
GDL-OCL0014-4CU	B	8	5.5	14	540	5.2	19.2	12.6	120	80	125	50	53	7*11	240*220*270	8.5
GDL-OCL0020-4CU		8	7.5	20	350	5.2	29.1	11.8	120	80	125	50	53	7*11	240*220*270	8.5
GDL-OCL0025-4CU		8	11	25	230	5.9	32.5	12.1	160	100	165	60	67	7*11	240*220*270	9
GDL-OCL0032-4CU		4	15	32	233	5.6	39.4	24.5	160	100	165	60	67	7*11	240*220*270	8.5
GDL-OCL0040-4CU	C	4	18.5	40	175	5.8	69	29.5	190	110	160	80	67	7*11	240*220*270	9
GDL-OCL0045-4CU		4	22	45	155	6.2	58.2	27.8	190	110	160	80	67	7*11	240*220*270	9.5
GDL-OCL0060-4CU		4	30	60	117	8.8	55	46.8	190	130	160	80	87	7*11	240*220*270	12
GDL-OCL0075-4CU		4	37	75	93.5	9.2	53.8	51.5	190	130	160	80	87	7*11	240*220*270	12.5
GDL-OCL0100-4CU		4	45	100	78.5	9.8	59.9	48.3	190	130	160	80	87	7*11	240*220*270	13
GDL-OCL0120-4CU		4	55	120	64	15	114.4	76.7	240	160	220	110	85	9*18	320*270*330	19
GDL-OCL0150-4CU		2	75	150	46.7	15.9	145	69	240	160	220	110	85	9*18	320*270*330	20
GDL-OCL0180-4CU		2	90	180	39	20.3	135.3	86.3	240	175	220	110	100	9*18	320*270*330	24.5
GDL-OCL0220-4CU		2	110	220	32	21.8	138.6	80	240	175	220	110	100	9*18	320*270*330	26
GDL-OCL0260-4CU		2	132	260	27	27.7	173.6	114.1	270	185	265	140	110	9*18	316*266*383	32.5
GDL-OCL0320-4CU	D	2	160	320	22	29.6	179.4	106.5	270	185	265	140	110	9*18	316*266*383	34
GDL-OCL0400-4CU		2	185	400	17.5	35.5	183.1	135.6	310	205	280	170	110	11*18	396*296*443	40.5
GDL-OCL0400-4CU		2	200	400	17.5	35.5	183.1	135.6	310	205	280	170	110	11*18	396*296*443	40.5
GDL-OCL0480-4CU		2	220	480	14.5	47.7	194.8	150.2	310	230	280	170	135	11*18	396*296*443	53
GDL-OCL0480-4CU		2	250	480	14.5	47.7	194.8	150.2	310	230	280	170	135	11*18	396*296*443	53
GDL-OCL0540-4CU		2	280	540	13	49.3	208.2	145.2	310	230	280	170	135	11*18	396*296*443	54.5
GDL-OCL0600-4CU		2	315	600	11.7	52.4	197.8	139	310	230	280	170	135	11*18	396*296*443	57.5
GDL-OCL0800-4CU		2	355	800	8.75	69.4	349.4	258.7	370	260	375	190	135	13*26	466*356*528	76.5
GDL-OCL0800-4CU		2	400	800	8.75	69.4	349.4	258.7	370	265	375	190	135	13*26	466*356*528	76.5
GDL-OCL1000-4CU		2	450	1000	7	74.3	350.2	239.3	370	265	375	190	135	13*26	466*356*528	81.5
GDL-OCL1000-4CU		2	500	1000	7	74.3	350.2	239.3	370	265	375	190	135	13*26	466*356*528	81.5

System voltage: 3PH-AC690V 50Hz/3-AC690V 60Hz, Reactor insulation class: Class F, Copper																
Model	Picture No.	Carrier frequency (<kHz)	VFD power (kW)	Rated current (A)	Inductance (μH)	Net weight (kg)	Line loss (W)	Iron loss (W)	Dimensions (mm)						Single unit package	
									W	D	H	W0	D0	A*B	Dimensions (W*D*H) (mm)	Gross weight (kg)
GDL-OCL0005-6CU	B	8	0.75	5	2540	5	20.7	12	120	130	190	60	67	7*11	240*220*270	8
GDL-OCL0005-6CU		8	1.5	5	2540	5	20.7	12	120	130	190	60	67	7*11	240*220*270	8
GDL-OCL0005-6CU		8	2.2	5	2540	5	20.7	12	120	130	190	60	67	7*11	240*220*270	8
GDL-OCL0006-6CU		8	4	6	2540	5	20.7	12	120	130	190	60	67	7*11	240*220*270	8
GDL-OCL0011-6CU		8	5.5	11	1280	5.2	35	12.5	160	130	190	60	67	7*11	240*220*270	8.5
GDL-OCL0011-6CU		8	7.5	11	1280	5.2	35	12.5	160	130	190	60	67	7*11	240*220*270	8.5
GDL-OCL0020-6CU		8	11	20	640	6.2	37	11.9	160	130	190	60	67	7*11	240*220*270	9.5
GDL-OCL0020-6CU		8	15	20	640	6.2	37	11.9	190	130	190	60	67	7*11	240*220*270	9.5
GDL-OCL0030-6CU		4	18.5	30	425	10.4	48.7	47.4	190	165	220	80	87	7*11	320*270*330	14.5
GDL-OCL0045-6CU	C	4	22	45	255	13.2	79.2	74.5	240	160	190	110	85	9*18	320*270*330	17.5
GDL-OCL0045-6CU		4	30	45	255	13.2	79.2	74.5	240	160	190	110	85	9*18	320*270*330	17.5
GDL-OCL0045-6CU		4	37	45	255	13.2	79.2	74.5	240	160	190	110	85	9*18	320*270*330	17.5
GDL-OCL0060-6CU		4	45	60	212	15	131	81	240	160	220	110	85	9*18	320*270*330	19
GDL-OCL0090-6CU		4	55	90	141	16.4	143.7	79.1	240	160	220	110	85	9*18	320*270*330	20.5
GDL-OCL0090-6CU		2	75	90	141	16.4	143.7	79.1	240	160	220	110	85	9*18	320*270*330	20.5
GDL-OCL0110-6CU		2	90	110	115	20.8	154.4	90.4	240	175	220	110	100	9*18	320*270*330	25
GDL-OCL0150-6CU		2	110	150	85	22.6	169.9	94.3	240	175	220	110	100	9*18	320*270*330	26.5
GDL-OCL0150-6CU		2	132	150	85	22.6	169.9	94.3	240	175	220	110	100	9*18	320*270*330	26.5
GDL-OCL0200-6CU	D	2	160	200	64	32.8	162.2	112.2	270	190	275	140	110	9*18	316*266*383	37.5
GDL-OCL0200-6CU		2	185	200	64	32.8	162.2	112.2	270	190	275	140	110	9*18	316*266*383	37.5
GDL-OCL0250-6CU		2	200	250	51	36.6	188.4	100	270	190	275	140	110	9*18	316*266*383	41.5
GDL-OCL0250-6CU		2	220	250	51	36.6	188.4	100	270	190	275	140	110	9*18	316*266*383	41.5
GDL-OCL0300-6CU		2	250	300	42.5	41.1	198.4	138.1	310	200	280	170	110	11*18	396*296*443	46
GDL-OCL0300-6CU		2	280	300	42.5	41.1	198.4	138.1	310	200	280	170	110	11*18	396*296*443	46
GDL-OCL0400-6CU		2	315	400	32	55.2	230.1	159.3	310	225	280	170	135	11*18	396*296*443	60.5
GDL-OCL0400-6CU		2	355	400	32	55.2	230.1	159.3	310	225	280	170	135	11*18	396*296*443	60.5
GDL-OCL0480-6CU		2	400	480	26.5	74.4	324.8	233.1	370	250	375	190	135	13*26	466*356*528	81.5
GDL-OCL0480-6CU		2	450	480	26.5	74.4	324.8	233.1	370	250	375	190	135	13*26	466*356*528	81.5
GDL-OCL0600-6CU		2	500	600	21.3	81.4	349.7	210.8	370	250	375	190	135	13*26	466*356*528	88.5
GDL-OCL0600-6CU		2	560	600	21.3	81.4	349.7	210.8	370	250	375	190	135	13*26	466*356*528	88.5
GDL-OCL0800-6CU		2	630	800	16	109.7	505.2	231.8	440	290	410	240	175	14*28	486*381*558	118

System voltage: 3PH-AC690V 50Hz/3-AC690V 60Hz, Reactor insulation class: Class F, Aluminium																
Model	Picture No.	Carrier frequency (<kHz)	VFD power (kW)	Rated current (A)	Inductance (μH)	Net weight (kg)	Line loss (W)	Iron loss (W)	Dimensions (mm)						Single unit package	
									W	D	H	W0	D0	A*B	Dimensions (W*D*H) (mm)	Gross weight (kg)
GDL-OCL0045-6AL	C	4	22	45	255	12.7	67.7	72.5	240	160	190	110	85	9*18	320*270*330	17
GDL-OCL0045-6AL		4	30	45	255	12.7	67.7	72.5	240	160	190	110	85	9*18	320*270*330	17
GDL-OCL0045-6AL		4	37	45	255	12.7	67.7	72.5	240	160	190	110	85	9*18	320*270*330	17
GDL-OCL0060-6AL		4	45	60	212	14.6	89.5	79.3	240	160	220	110	85	9*18	320*270*330	18.5
GDL-OCL0090-6AL		4	55	90	141	15.4	124.4	76	240	160	220	110	85	9*18	320*270*330	19.5
GDL-OCL0090-6AL		2	75	90	141	15.4	124.4	76	240	160	220	110	85	9*18	320*270*330	19.5
GDL-OCL0110-6AL		2	90	110	115	20.1	113.3	86	240	175	220	110	100	9*18	320*270*330	24
GDL-OCL0150-6AL		2	110	150	85	20.8	150.1	88.4	240	175	220	110	100	9*18	320*270*330	25
GDL-OCL0150-6AL		2	132	150	85	20.8	150.1	88.4	240	175	220	110	100	9*18	320*270*330	25
GDL-OCL0200-6AL	D	2	160	200	64	28.7	173.7	108.2	270	190	275	140	110	9*18	316*266*383	33.5
GDL-OCL0200-6AL		2	185	200	64	28.7	173.7	108.2	270	190	275	140	110	9*18	316*266*383	33.5
GDL-OCL0250-6AL		2	200	250	51	36.8	209.1	93.4	270	190	275	140	110	9*18	316*266*383	41.5
GDL-OCL0250-6AL		2	220	250	51	36.8	209.1	93.4	270	190	275	140	110	9*18	316*266*383	41.5
GDL-OCL0300-6AL		2	250	300	42.5	36.8	190.2	127.5	310	200	280	170	110	11*18	396*296*443	42
GDL-OCL0300-6AL		2	280	300	42.5	36.8	190.2	127.5	310	200	280	170	110	11*18	396*296*443	42
GDL-OCL0400-6AL		2	315	400	32	48.9	234	149.5	310	225	280	170	135	11*18	396*296*443	54
GDL-OCL0400-6AL		2	355	400	32	48.9	234	149.5	310	225	280	170	135	11*18	396*296*443	54
GDL-OCL0480-6AL		2	400	480	26.5	68.8	315.3	226.6	370	250	375	190	135	13*26	466*356*528	76
GDL-OCL0480-6AL		2	450	480	26.5	68.8	315.3	226.6	370	250	375	190	135	13*26	466*356*528	76
GDL-OCL0600-6AL		2	500	600	21.3	71.1	395.5	203	370	250	375	190	135	13*26	466*356*528	78
GDL-OCL0600-6AL		2	560	600	21.3	71.1	395.5	203	370	250	375	190	135	13*26	466*356*528	78
GDL-OCL0800-6AL	E	2	630	800	16	100.5	455.2	227.3	440	290	410	240	175	14*28	486*381*558	108.5