

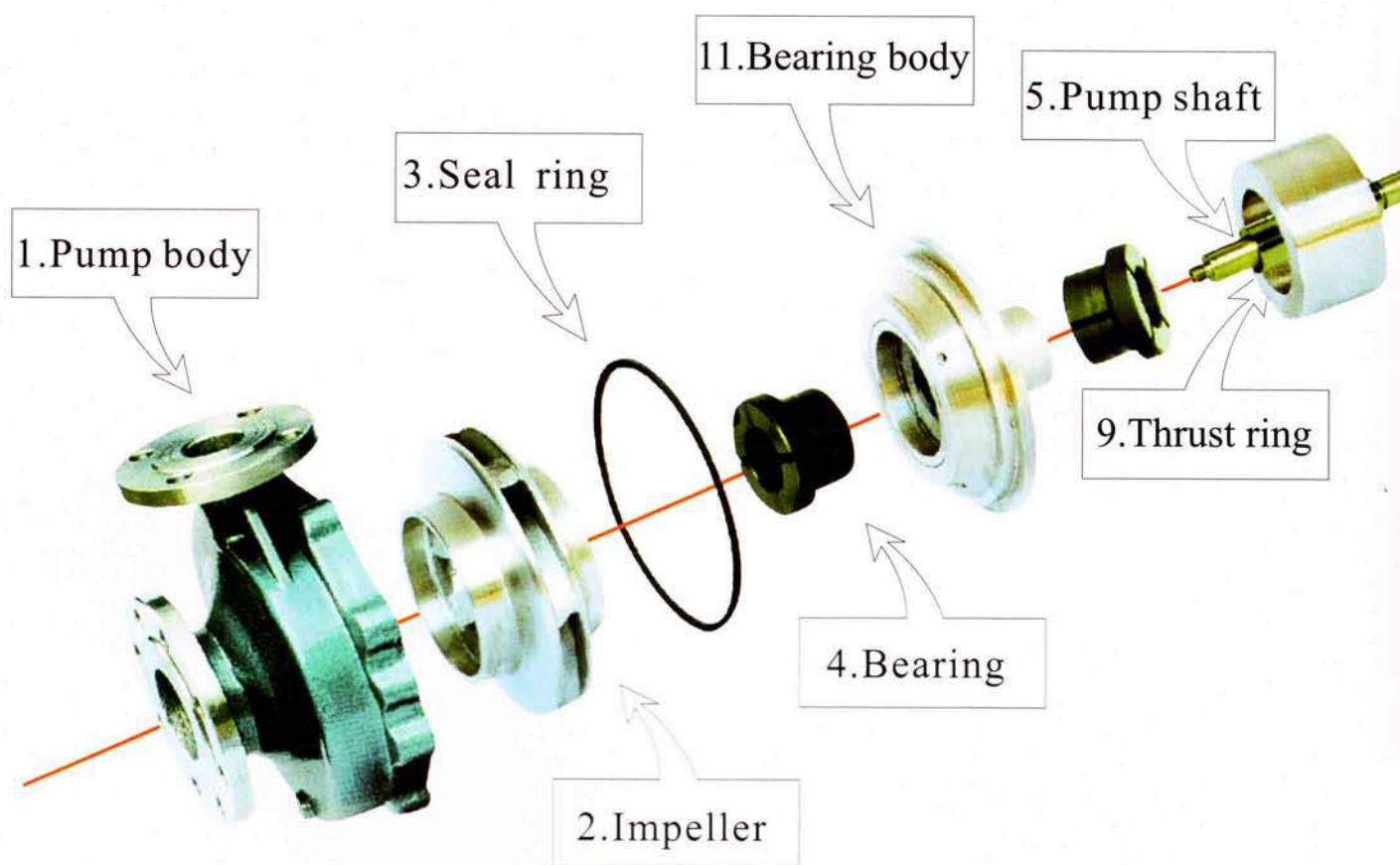
ROTOR[®]

Magnetic Pump



P.T.ANEKAMAKMUR TEKNIK NUSAJAYA





2



CXB Type Magnetic Pump Product Series

Features

Simple structure, convenient maintenance, beautiful outline and reliable performance

Performance

Material: Engineering plastic and stainless steel

Flow rate: 0.55~7.8m³/h

Lift: 1.8~14m

Power: 0.015~1.1kw

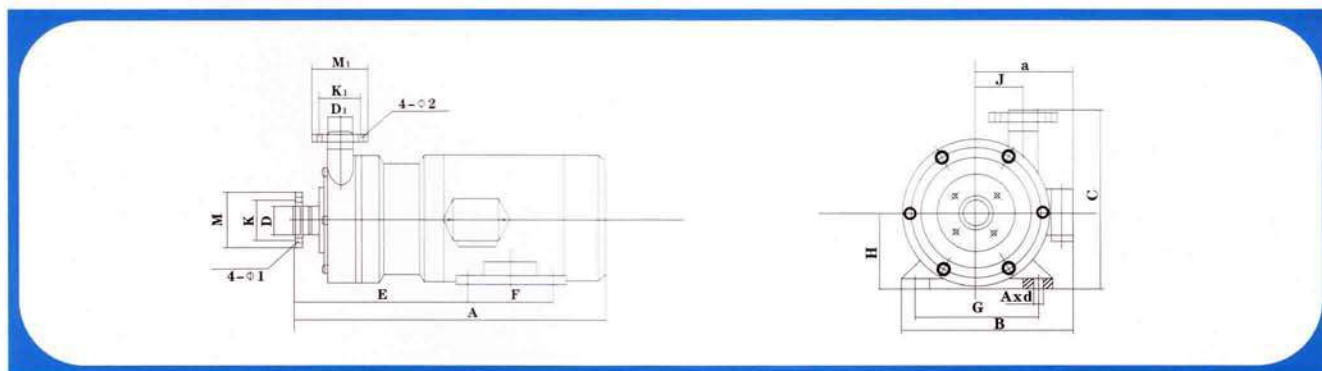
Using temperature: ≤80℃



Performance Parameters of CXB Type Magnetic pump

Model	Caliber(mm)		Flowrate (m ³ /h)	Lift (m)	Net positive suction head (NPSH)r (m)	Motor power (KW)	Speed (r/min)
	Inlet(I)	Outlet(O)					
CXB-10	12	8	0.55	1.8	7.0	0.015	2900
CXB-30	15	10	1.0	2.8	7.0	0.04	
CXB-45	16	12	1.2	4	6.0	0.08	
CXB-70	20	15	2.1	5	6.0	0.18	
CXB-100	20	15	3.6	7	5.0	0.37	
CXB-150	22	18	5.4	10	5.0	0.55	
CXB-250	32	25	7.8	14	5.0	1.1	

Outline and Installation Dimensions of CXB Type Magnetic Pump



Model	A	B	C	D	D ₁	E	F	G	H	J	A	K	K ₁	M	M ₁	Φ1	Φ2
CXB-10	200	75	85	17.5	15	92	54	58	37	23	33	40	35	60	55	7	7
CXB-30	215	84	100	20	17	105	54	64	44	27	40	45	40	65	60	7	7
CXB-45	265	95	112	23	20	145	63	80	50	33	47.5	50	45	70	65	9	9
CXB-70	302	130	130	25	22	165	70	90	56	35	70	55	50	80	75	10	10
CXB-100	325	145	146	27	24	170	80	100	63	40	80	60	55	85	80	11	11
CXB-150	370	160	160	32	28	195	90	112	71	50	90	65	60	90	85	11	11
CXB-250	460	230	184	46	36	235	100	140	80	55	130	80	70	105	95	12	12



CQF Type Magnetic Pump Product Series

Features

Intensified polupropylene injection molding, excellent anticorrosion, low price and wide applicability

Performance

Material:intensified polupropylene

Flow rate: 1.6~25m³/h Lift:11.5~32m

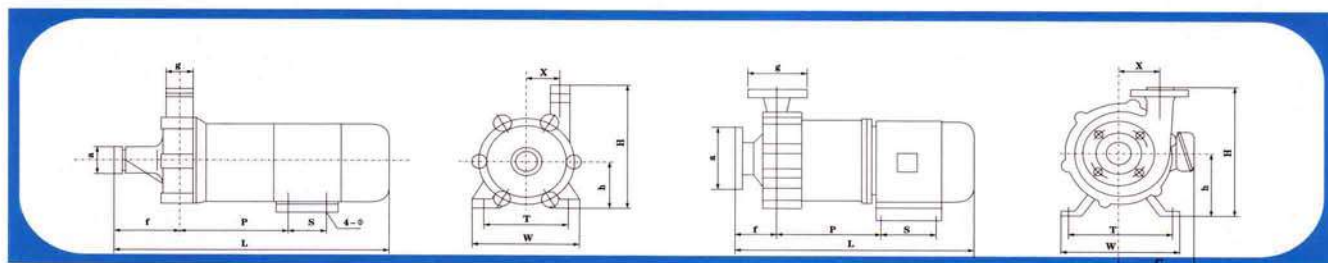
Power:..0.08~7.5kw Using temperature:<60℃



■ Performance Parameters of CQF Type Magnetic pump

Model	Caliber(mm)		Flowrate (m ³ /h)	Lift (m)	Net positive suction head (NPSH)r (m)	Motor power (KW)	Speed (r/min)	Mains voltage (v)
	Inlet(I)	Outlet(O)						
CQF16-12-90	16	12	1.1	11.5	6.0	0.08	2900	380
CQF25-15-125	25	15	1.6	20	5.5	0.55		
CQF32-20-105	32	20	3.2	12.5	5.0	1.1		
CQF32-20-125	32	20	3.2	20	5.0	1.1		
CQF32-20-160	32	20	3.2	32	3.5	1.5		
CQF40-25-125	40	25	6.3	20	6.0	2.2		
CQF40-25-160	40	25	6.3	32	3.5	3.0		
CQF50-32-105	50	32	12.5	12.5	3.5	2.2		
CQF50-32-125	50	32	12.5	20	3.5	3.0		
CQF50-32-160	50	32	12.5	32	3.5	4		
CQF65-50-125	65	50	25	20	4.0	5.5		
CQF65-50-160	60	50	25	32	4.0	7.5		

■ Outline and Installation Dimensions of CQF Magnetic Pump



Model	a	g	f	P	S	L	W	T	h	H	x	C
CQF16-12-90	16	12	50	95	40	250	120	95	60	150	50	75
CQF25-15-125	100	90	65	165	90	400	140	110	90	210	70	120
CQF32-20-105	120	100	67.5	189.5	100	460	160	125	90	205	71.5	140
CQF32-20-125	120	100	67.5	189.5	100	460	160	125	90	230	85	140
CQF32-20-160	120	100	67.5	189.5	100	460	160	125	90	230	85	140
CQF40-25-125	130	120	75	235	120	545	180	140	100	220	78.5	155
CQF40-25-160	130	120	80	271	140	620	245	190	112	260	91	190
CQF50-32-105	140	130	75	195	125	500	175	140	100	250	80	55
CQF50-32-125	140	130	80	271	140	620	245	190	112	260	91	190
CQF50-32-160	140	130	80	271	140	620	245	190	112	260	91	190
CQF65-50-125	160	140	90	305	140	695	280	216	132	300	91	200
CQF65-50-160	160	140	76	360	140	720	280	216	120	292	90	200



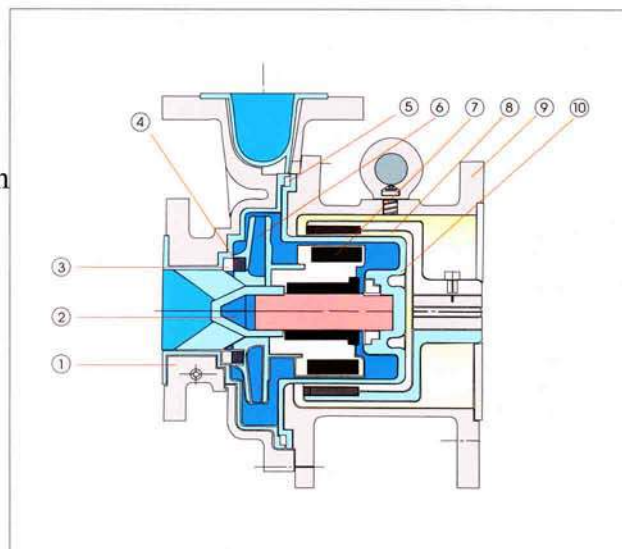
CQB-F Fluoroplastics Lining Magnetic Pump Product Series

Features

It is widely used in petroleum, chemical industry, and other fields, and is the optimum pump for the transmission of strong acid, strong alkali, or rate liquid with strong oxidizing property, inflammability, explosion hazard, or hyper toxicity without any leakage.

Performance

Material: overflow component fluoroplastics
 Flow rate: 3.2~100m³/h Lift: 20~32m
 Power: 0.75~18.5kw
 Using temperature: -30°C ~ 120°C



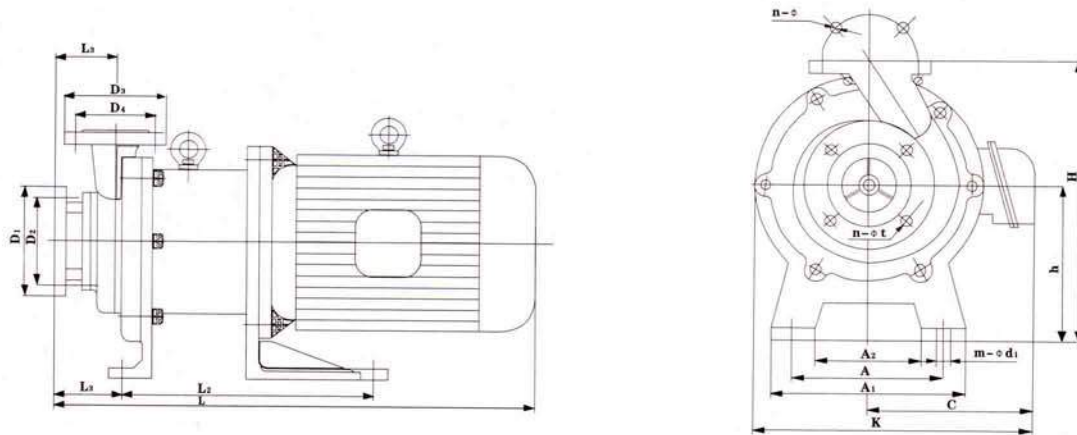
Number	Description	Number	Description
1	Pump body	6	Impeller
2	Pump shaft	7	Inner magnetic steel assembly
3	Stationary ring	8	Outer magnetic steel assembly
4	Movable ring	9	Connection frame
5	Seal ring	10	Distance sleeve

■ Performance of CQB-F Magnetic pump

Model	Caliber(mm)		Flowrate (m³/h)	Lift (m)	Net positive suction head (NPSH)r (m)	Efficiency (%)	Motor power (KW)	Speed (r/min)
	Inlet(I)	Outlet(O)						
CQB-F-32-25-125	32	25	3.2	20	5.0	26	0.75	2900
CQB-F-40-32-115	40	32	6.3	15	6.0	35	0.75	
CQB-F-40-32-145	40	32	6.3	25	5.0	29	1.5	
CQB-F-50-40-125	50	40	12.5	20	3.5	41	2.2	
CQB-F-50-40-160	50	40	12.5	32	3.5	39	3	
CQB-F-65-50-125	65	50	25	20	4.0	47	3	
CQB-F-65-50-160	65	50	25	32	4.0	46	5.5	
CQB-F-80-65-125	80	65	50	20	4.0	54	7.5	
CQB-F-80-65-160	80	65	50	32	4.0	52	11	
CQB-F-100-80-125	100	80	100	20	4.0	55	11	
CQB-F-100-80-160	100	80	100	32	4.0	56	18.5	



■ Outline and Installation Dimensions of CQB-F Fluoroplastics Lining Magnetic Pump



Model	D ₁	D ₂	n-φ t	D ₃	D ₄	n-φ d	L ₄	L ₃	L ₂	L ₁	L	A	A ₁	A ₂	h	H	m-φ d ₁	K	C
CQB-F-32-25-125	140	100	4-φ17.5	115	85	4-φ13.5	69	80	200	150	500	140	180	100	140	254	4-φ13.5	238.5	135
CQB-F-40-32-115	150	110	4-φ17.5	140	100	4-φ17.5	73	86	200	153	406	160	200	120	150	280	4-φ13.5	204	85
CQB-F-40-32-145	150	110	4-φ17.5	140	100	4-φ17.5	73	86	200	153	506	160	200	120	150	280	4-φ13.5	264.0	145
CQB-F-50-40-125	165	125	4-φ17.5	150	110	4-φ17.5	83	80	250	165	528	190	240	140	165	310	4-φ13.5	279	145
CQB-F-50-40-160	165	125	4-φ17.5	150	110	4-φ17.5	83	80	250	165	583	190	240	140	165	310	4-φ13.5	309	175
CQB-F-65-50-125	185	145	4-φ17.5	165	125	4-φ17.5	81	83	258	183	600	194	250	138	200	380	4-φ17.5	319	175
CQB-F-65-50-160	185	145	4-φ17.5	165	125	4-φ17.5	81	83	258	183	600	194	250	138	200	380	4-φ17.5	319	175
CQB-F-80-65-125	200	160	8-φ17.5	185	145	4-φ17.5	101	102	342	259	740	230	300	160	250	427	4-φ25	364	195
CQB-F-80-65-160	200	160	8-φ17.5	185	145	4-φ17.5	101	102	342	259	900	230	300	160	250	440	4-φ25	417	250
CQB-F-100-80-125	200	180	8-φ17.5	200	160	8-φ17.5	116	124	348	275	951	280	360	200	250	470	4-φ25	458	250
CQB-F-100-80-160	200	180	8-φ17.5	200	160	8-φ17.5	116	124	348	275	951	280	360	200	250	470	4-φ25	458	250



CQB Type Magnetic Pump Product Series

Features

It is the ideal pump for the transmission of corrosive media without any leakage. It is also an optimized product integrating the whole design of magnetic pumps at home, and can directly substitute for Model IH chemical process pump.

Performance

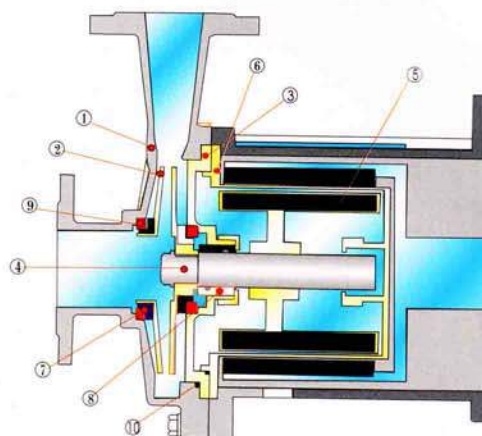
Material: stainless steel

Flow rate: 3.2~100m³/h

Lift: 20~80m

Power: 1.1~55kw

Using temperature: ≤80°C



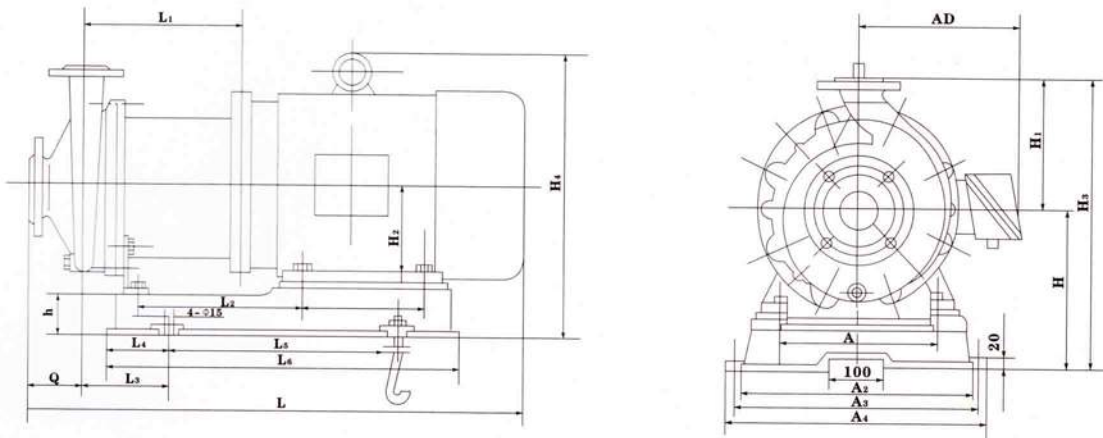
Component	Material	Component	Material
1. Pump housing	Stainless steel	6. Distance sleeve	Stainless steel
2. Impeller		7. Movable ring	Filling Teflon
3. Baffle		8. Bearing	High-density carbon
4. Pump shaft		9. Stationary ring	High pure aluminum chloride ceramics
5. Internal magnetic rotor		10. seal ring	Ethylene Propylene Terpolymer/fluororubber

■ Performance Parameters of CQB Type Magnetic pump

Model	Caliber(mm)		Flowrate (m ³ /h)	Lift (m)	Net positive suction head (NPSH) _r (m)	Motor power (KW)	Speed (r/min)
	Inlet(I)	Outlet(O)					
CQB32-20-125	32	20	3.2	20	5.0	1.1	2900
CQB32-20-160				32	3.5	1.5	
CQB40-25-105	40	25	6.3	12.5	6.0	1.1	
CQB40-25-125				20	6.0	2.2	
CQB40-25-160				32	3.5	3	
CQB40-25-200				50	3.5	5.5	
CQB50-40-85	50	40	12.5	8	3.5	1.1	
CQB50-32-105		32		12.5	3.5	2.2	
CQB50-32-125				20	3.5	3	
CQB50-32-160				32	3.5	4	
CQB50-32-200				50	3.5	7.5	
CQB50-32-250		80		3.5	15		
CQB65-50-125	65	50	25	20	4.0	5.5	
CQB65-50-160				32	4.0	7.5	
CQB65-40-200		40		50	4.0	15	
CQB65-40-250				80	4.0	22	
CQB80-65-125	80	65	50	20	4.0	7.5	
CQB80-65-160				32	4.0	15	
CQB80-50-200		50		50	4.0	18.5	
CQB80-50-250				80	4.0	37	
CQB100-80-125	100	80	100	20	4.0	15	
CQB100-80-160				32	4.0	22	
CQB100-65-200		65		50	4.0	37	
CQB100-65-250				80	4.0	55	



■ Outline and Installation Dimensions of CQB Magnetic Pump



Model	A	AD	B	L	L ₁	H ₁	H ₂	a	A ₁	A ₂	A ₃	H	H ₃	H ₄	L ₂	L ₃	L ₄	L ₅	L ₆	h
32-20-125	125	150	100	458	133	120	90	65												
32-20-160	140	155	100	483	143	160	115	65												
40-25-105	125	150	100	458	133	120	90	65												
40-25-125	140	155	125	508	143	160	112	65												
40-25-160	160	180	140	633	233	160	112	80	300	330	360	210	370	355	190	140	80	270	430	50
40-25-200	261	210	140	728	253	160	132	80	350	380	410	230	390	413	236	140	80	320	480	50
40-25-85	125	150	100	458	133	120	90	80												
50-32-105	140	155	125	508	143	160	112	80												
50-32-125	160	180	140	633	233	160	112	80	300	330	360	210	370	355	190	140	80	270	430	50
50-32-160	190	190	140	653	233	160	112	80	300	330	360	210	370	363	197	140	80	270	430	50
50-32-200	216	210	140	728	253	180	132	80	350	380	410	230	410	413	236	140	80	320	480	50
50-32-250	254	255	210	898	308	225	160	100	380	410	440	260	485	485	308	161	120	440	680	80
65-50-125	216	210	140	728	253	160	132	80	350	380	410	230	390	413	236	140	80	320	480	50
65-50-160	216	210	140	728	253	160	132	80	350	380	410	230	390	413	236	140	80	320	480	50
65-40-200	254	255	210	898	308	180	160	100	380	410	440	260	440	485	308	161	120	440	680	80
65-40-250	279	285	241	968	308	225	180	100	380	410	440	280	505	530	321	161	120	440	680	80
80-65-125	216	210	140	728	253	160	132	80	350	380	410	230	390	413	236	140	80	320	480	50
80-65-160	254	255	210	898	297	180	160	100	380	410	440	260	440	485	308	161	120	440	680	80
80-50-200	254	255	254	943	308	200	160	100	380	410	440	260	460	485	308	161	120	440	680	80
80-50-250	318	310	305	1108	318	225	200	125	470	500	530	300	525	575	333	171	120	520	760	100
100-80-125	254	255	210	898	308	180	160	100	380	410	440	260	440	485	308	161	120	440	680	80
100-80-160	254	255	254	943	308	200	160	100	380	410	440	260	460	485	308	161	120	440	680	80
100-65-200	318	310	305	1083	318	225	180	100	470	500	530	300	525	575	333	171	120	520	760	100
100-65-250	318	310	305	1108	318	250	200	125	470	500	530	300	550	575	330	171	120	520	760	100

