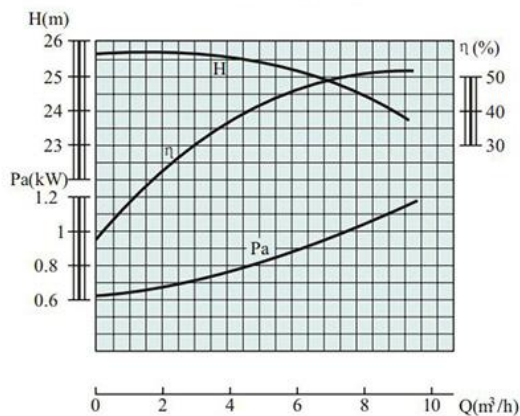
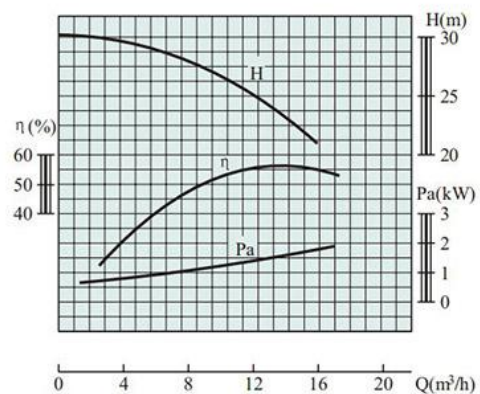


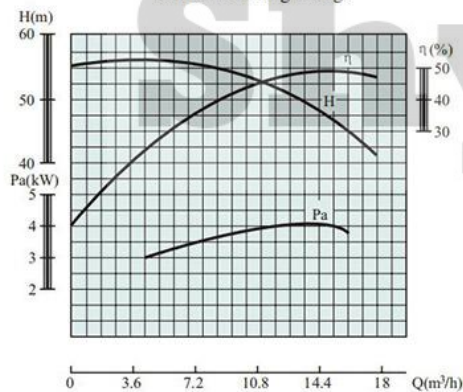
CG-D6-25 single stage



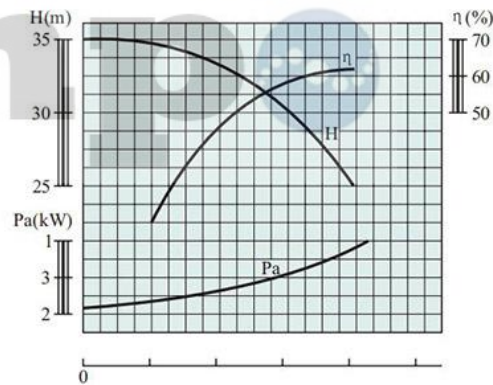
CG-D12-25 single stage



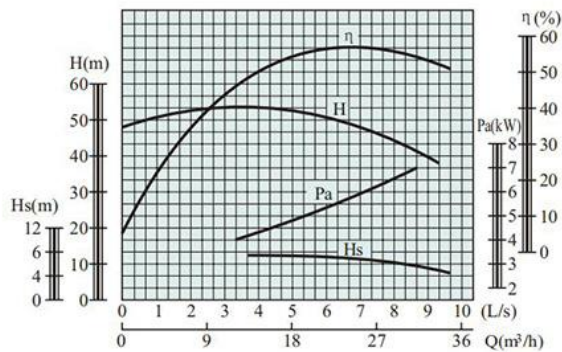
CG-D12-50 single stage



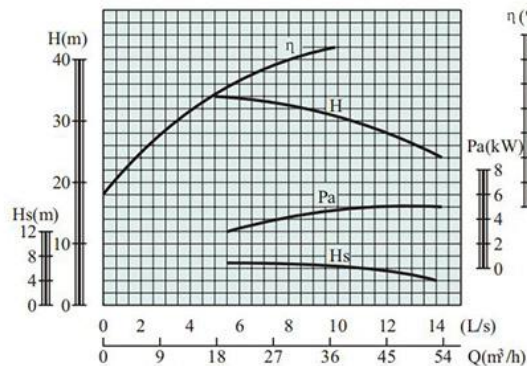
CG-D25-30 single stage



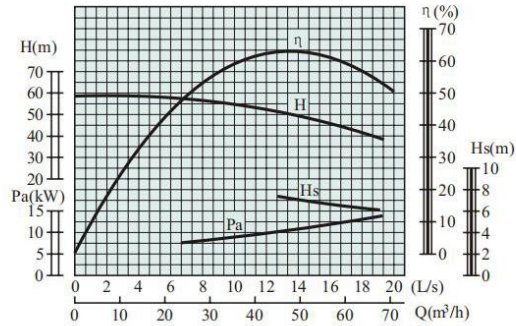
CG-D25-50 single stage



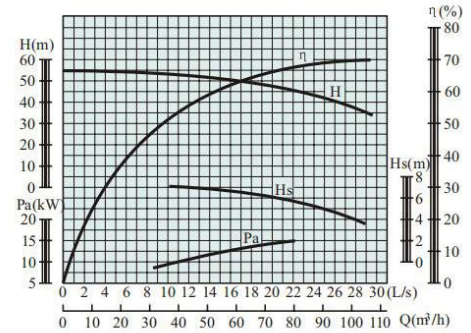
CG-D46-30 single stage



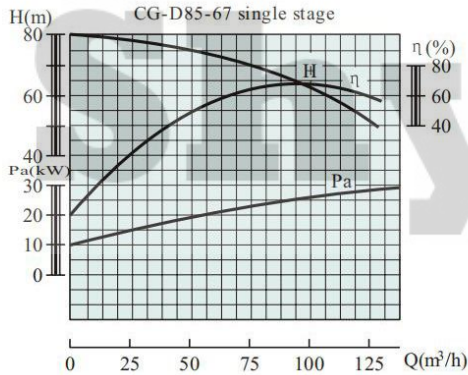
CG-D46-50 single stage



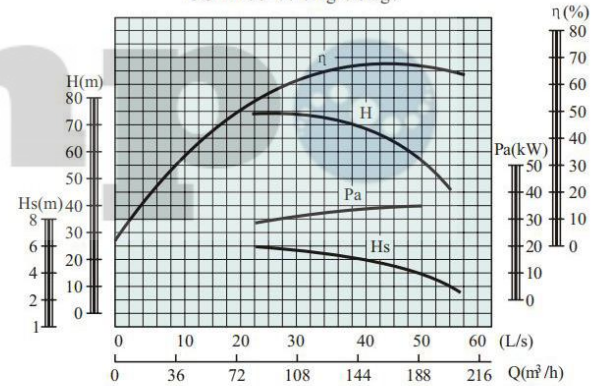
CG-D85-45 single stage



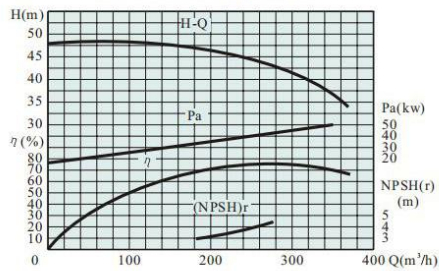
CG-D85-67 single stage



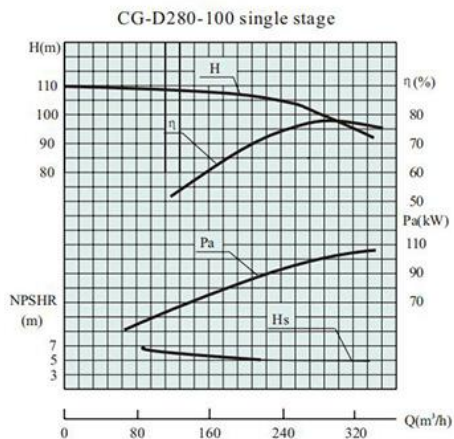
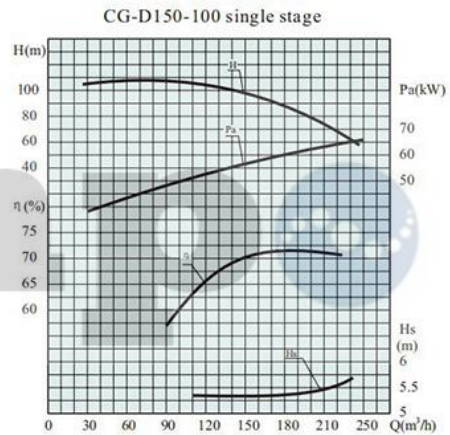
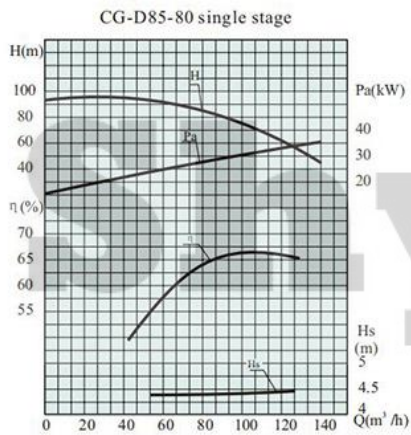
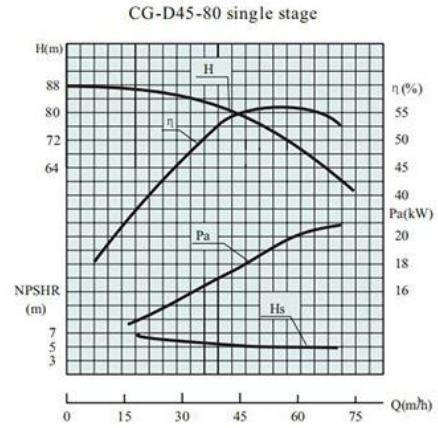
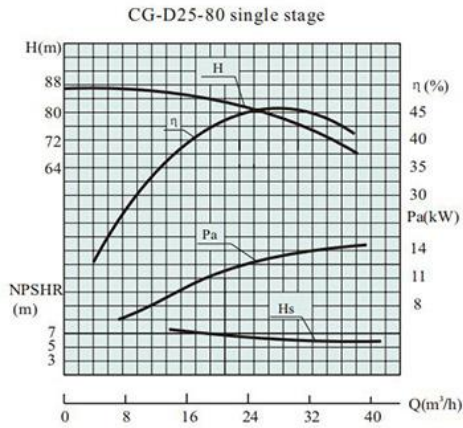
CG-D155-67 single stage



CG-D280-43 single stage



PERFORMANCE CURVE FIGURES OF CG-D MODEL HYPO-HIGH-PRESSURE BOILER WATER SUPPLY PUMP



The curve shows the performance of No. 1 stage. When the stage number is increased, the flow is kept unchanged, both head and shaft power are those gained from the curves and multiplied by the number of the stage, e.g. multiplied by 2 in case of 2 stages, by 3 in case of 3 stages, and so on and so forth.

Model	No.Of Stage	Speed (r/min)	Flow (m³/h)	Head (m)	Power(kW)		Efficiency (%)	(NPSH)r (m)
					Shaft	Motor		
CG-D6-25	3	2950	3.75	76.5	2.37		33	2
			6.3	75	2.86	4.0	45	2
			7.5	73.5	3.19		47	2.5
	4		3.75	102	3.16		33	2
			6.3	100	3.81	5.5	45	2
			7.5	98	4.26		47	2.5
	5		3.75	127.5	3.95		33	2
			6.3	125	4.77	5.5	45	2
			7.5	122.5	5.32		47	2.5
	6		3.75	153	4.73		33	2
			6.3	150	5.72	7.5	45	2
			7.5	147	6.39		47	2.5
7	3.75	178.5	5.52		33	2		
	6.3	175	6.67	7.5	45	2		
	7.5	171.5	7.45		47	2.5		
8	3.75	204	6.31		33	2		
	6.3	200	7.63	11	45	2		
	7.5	196	8.52		47	2.5		
9	3.75	229.5	7.1		33	2		
	6.3	225	8.58	11	45	2		
	7.5	220.5	9.58		47	2.5		
10	3.75	255	7.89		33	2		
	6.3	250	9.53	15	45	2		
	7.5	245	10.65		47	2.5		
11	3.75	280.5	8.68		33	2		
	6.3	275	10.5	15	45	2		
	7.5	269.5	11.71		47	2.5		
12	3.75	306	9.47		33	2		
	6.3	300	11.44	15	45	2		
	7.5	294	12.78		47	2.5		
CG-D12-25	3	2950	7.5	84.6	3.93		44	2
			12.5	75	4.73	5.5	54	2
			15	69	5.32		53	2.5
	4		7.5	112.8	5.24		44	2
			12.5	100	6.3	7.5	54	2
			15	92	7.09		53	2.5
	5		7.5	141	6.55		44	2
			12.5	125	7.88	11	54	2
			15	115	8.89		53	2.5
	6		7.5	169.2	7.85		44	2
			12.5	150	9.46	15	54	2
			15	138	10.64		53	2.5
7	7.5	197.5	9.16		44	2		
	12.5	175	11.0	15	54	2		
	15	161	12.41		53	2.5		
8	7.5	225.6	10.41		44	2		
	12.5	200	12.61	15	54	2		
	15	184	14.18		53	2.5		
9	7.5	253.8	11.78		44	2		
	12.5	225	14.18	18.5	54	2		
	15	207	15.95		53	2.5		

Model	No.Of Stage	Speed (r/min)	Flow (m³/h)	Head (m)	Power(kW)		Efficiency (%)	(NPSH)r (m)
					Shaft	Motor		
CG-D12-25	10	2950	7.5	282	13.09		44	2
			12.5	250	15.76	18.5	54	2
			15	230	17.73		53	2.5
	11		7.5	310.2	14.4		44	2
			12.5	275	17.34	22	54	2
			15	253	19.5		53	2.5
	12		7.5	338.4	15.7		44	2
			12.5	300	18.9	22	54	2
			15	276	21.3		53	2.5
CG-D12-50	3	2950	7.5	162	8.8		37.8	2
			12.5	150	10.6	18.5	48	2
			15	139.5	11.9		48	2.5
	4		7.5	216	11.7		37.8	2
			12.5	200	14.1	22	48	2
			15	186	15.9		48	2.5
	5		7.5	270	14.6		37.8	2
			12.5	250	17.7	30	48	2
			15	232.5	19.8		48	2.5
	6		7.5	324	17.6		37.8	2
			12.5	300	21.3	30	48	2
			15	279	23.7		48	2.5
7	7.5	378	20.4		37.8	2		
	12.5	350	24.8	37	48	2		
	15	325.5	27.7		48	2.5		
8	7.5	432	23.3		37.8	2		
	12.5	400	28.4	37	48	2		
	15	372	31.7		48	2.5		
9	7.5	468	26.3		37.8	2		
	12.5	450	31.9	45	48	2		
	15	418.5	35.7		48	2.5		
10	7.5	540	29.2		37.8	2		
	12.5	500	35.5	45	48	2		
	15	465	39.6		48	2.5		
11	7.5	594	32.1		37.8	2		
	12.5	550	39.0	55	48	2		
	15	511.5	43.5		48	2.5		
12	7.5	648	35.0		37.8	2		
	12.5	600	42.6	75	48	2		
	15	558	47.8		48	2.5		
CG-D25-30	3	2950	15	102	8.33		50	2.2
			25	90	9.88	15	62	2.2
			30	82.5	10.7		63	2.6
	4		15	136	11.1		50	2.2
			25	120	13.1	18.5	62	2.2
			30	110	14.26		63	2.6
	5		15	170	13.89		50	2.2
			25	150	16.47	22	62	2.2
			30	137.5	17.83		63	2.6
	6		15	204	16.67		50	2.2
			25	180	19.17	30	62	2.2
			30	165	21.4		63	2.6

Model	No.Of Stage	Speed (r/min)	Flow (m³/h)	Head (m)	Power(kW)		Efficiency (%)	(NPSH) _r (m)
					Shaft	Motor		
CG-D25-30	7	2950	15	238	19.44	30	50	2.2
			25	210	23.1		62	2.2
			30	192.5	24.96		63	2.6
	8		15	272	22.22	37	50	2.2
			25	240	26.4		62	2.2
			30	220	28.53		63	2.6
	9		15	306	25	37	50	2.2
			25	270	29.65		62	2.2
			30	247.5	32.1		63	2.6
	10		15	340	27.8	45	50	2.2
			25	300	32.9		62	2.2
			30	275	35.7		63	2.6
CG-D25-50	3	15	154.5	15.78	22	40	2.5	
		25	150	18.91		54	2.8	
		30	144	20.64		57	3.2	
	4	15	206	21.04	30	40	2.5	
		25	200	25.22		54	2.8	
		30	192	27.5		57	3.2	
	5	15	257.5	26.2	37	40	2.5	
		25	250	31.52		54	2.8	
		30	240	34.40		57	3.2	
	6	15	309	31.56	45	40	2.5	
		25	300	37.82		54	2.8	
		30	288	41.28		57	3.2	
	7	15	380.5	38.86	55	40	2.5	
		25	350	44.1		54	2.8	
		30	336	48.16		57	3.2	
	8	15	412	42	75	40	2.5	
		25	400	50.45		54	2.8	
		30	384	55.04		57	3.2	
	9	15	463.5	47.33	75	40	2.5	
		25	450	56.74		54	2.8	
		30	432	61.92		57	3.2	
	10	15	515	52.59	75	40	2.5	
		25	500	63.04		54	2.8	
		30	480	68.8		57	3.2	
11	15	566	57.8	90	40	2.5		
	25	550	69.3		54	2.8		
	30	528	75.68		57	3.2		
12	15	618	63.11	110	40	2.5		
	25	600	75.65		54	2.8		
	30	576	82.56		57	3.2		
CG-D46-30	3	2950	30	102	13.02	22	64	2.4
			46	90	16.11		70	3
			55	81	18.84		68	4.6
	4		30	136	17.36	30	64	2.4
			46	120	21.48		70	3
			55	108	23.79		68	4.6

Model	No.Of Stage	Speed (r/min)	Flow (m³/h)	Head (m)	Power(kW)		Efficiency (%)	(NPSH) _r (m)
					Shaft	Motor		
CG-D46-30	5	2950	30	170	21.7	37	64	2.4
			46	150	26.85		70	3
			55	135	29.74		68	4.6
	6		30	204	26.04	37	64	2.4
			46	180	32.21		70	3
			55	162	35.68		68	4.6
	7		30	238	30.38	45	64	2.4
			46	210	37.58		70	3
			55	189	41.63		68	4.6
	8		30	274	34.72	55	64	2.4
			46	240	42.95		70	3
			55	216	47.58		68	4.6
9	30	306	39.06	55	64	2.4		
	46	270	48.32		70	3		
	55	243	53.53		68	4.6		
10	30	340	43.3	75	64	2.4		
	46	300	53.7		70	3		
	55	270	59.5		68	4.6		
CG-D46-50	3	2950	30	166.5	25.19	37	54	2.5
			46	150	29.83		63	2.8
			55	138	32.3		64	3.2
	4		30	222	33.59	45	54	2.5
			46	200	39.77		63	2.8
			55	184	43.06		64	3.2
	5		30	277.5	41.98	55	54	2.5
			46	250	49.71		63	2.8
			55	230	53.85		64	3.2
	6		30	333	50.38	75	54	2.5
			46	300	59.65		63	2.8
			55	276	64.59		64	3.2
	7		30	388.5	58.78	90	54	2.5
			46	350	69.6		63	2.8
			55	322	75.36		64	3.2
	8		30	440	67.18	90	54	2.5
			46	400	79.54		63	2.8
			55	368	86.12		64	3.2
	9		30	499.5	75.57	110	54	2.5
			46	450	89.48		63	2.8
			55	414	96.89		64	3.2
	10		30	555	83.97	132	54	2.5
			46	500	99.42		63	2.8
			55	460	107.66		64	3.2
11	30	610.5	92.37	132	54	2.5		
	46	550	109.36		63	2.8		
	55	506	118.42		64	3.2		
12	30	666	100.8	132	54	2.5		
	46	600	119.3		63	2.8		
	55	552	129.2		64	3.2		

Model	No.Of Stage	Speed (r/min)	Flow (m³/h)	Head (m)	Power(kW)		Efficiency (%)	(NPSH) (m)
					Shaft	Motor		
CG-D85-45	2	2950	55	102	24.25	37	63	3.2
			85	90	28.94		72	4.2
			100	78	30.33		70	5.2
	3		55	153	36.38	55	63	3.2
			85	135	43.4		72	4.2
			100	117	45.52		70	5.2
	4		55	204	48.5	75	63	3.2
			85	180	57.87		72	4.2
			100	156	60.7		70	5.2
5	55	255	60.63	90	63	3.2		
	85	225	72.34		72	4.2		
	100	195	75.86		70	5.2		
6	55	306	72.75	110	63	3.2		
	85	270	86.81		72	4.2		
	100	234	91.04		70	5.2		
7	55	357	84.88	132	63	3.2		
	85	315	101.3		72	4.2		
	100	273	106.2		70	5.2		
8	55	408	97	132	63	3.2		
	85	360	115.7		72	4.2		
	100	312	121.4		70	5.2		
9	55	459	109.1	160	63	3.2		
	85	405	130.2		72	4.2		
	100	351	136.6		70	5.2		
CG-D85-67	3	2950	55	222	57.3	90	58	3.3
			85	201	68.4		68	4.0
			100	183	73.3		68	4.4
	4		55	296	76.4	110	58	3.3
			85	268	91.2		68	4.0
			100	244	97.7		68	4.4
	5		55	370	95.6	132	58	3.3
			85	335	114		68	4.0
			100	305	122.2		68	4.4
6	55	444	114.7	160	58	3.3		
	85	402	136.9		68	4.0		
	100	366	146.6		68	4.4		
7	55	518	133.8	200	58	3.3		
	85	469	159.6		68	4.0		
	100	427	171		68	4.4		
8	55	592	152.9	220	58	3.3		
	85	536	182.4		68	4.0		
	100	488	195.4		68	4.4		
9	55	666	172	250	58	3.3		
	85	603	205.2		68	4.0		
	100	549	219.9		68	4.4		
CG-D155-67	3	2950	100	228	97.0	132	64	3.2
			155	201	114.7		74	5.0
			185	177	123.9		72	6.6
	4		100	304	129.3	200	64	3.2
			155	268	152.9		74	5.0
			185	236	165.1		72	6.6

Model	No.Of Stage	Speed (r/min)	Flow (m³/h)	Head (m)	Power(kW)		Efficiency (%)	(NPSH) (m)
					Shaft	Motor		
CG-D155-67	5	2950	100	380	161.6	220	64	3.2
			155	335	191.1		74	5.0
			185	295	206.4		72	6.6
	6		100	456	194	280	64	3.2
			155	402	229.3		74	5.0
			185	354	247.7		72	6.6
	7		100	532	226.3	315	64	3.2
			155	469	267.5		74	5.0
			185	413	289		72	6.6
8	100	608	258.6	355	64	3.2		
	155	536	305.7		74	5.0		
	185	472	330.3		72	6.6		
9	100	684	290.9	400	64	3.2		
	155	603	344		74	5.0		
	185	531	371.6		72	6.6		
CG-D280-43	3	1480	185	141	103.0	160	69	3.0
			280	129	127.7		77	4.7
			335	114	138.7		75	6.0
	4		185	188	137.3	200	69	3.0
			280	172	170.3		77	4.7
			335	152	184.9		75	6.0
	5		185	235	171.6	250	69	3.0
			280	215	212.9		77	4.7
			335	190	231.1		75	6.0
6	185	282	205.9	315	69	3.0		
	280	258	255.5		77	4.7		
	335	228	277.3		75	6.0		
7	185	329	240.2	355	69	3.0		
	280	301	298.1		77	4.7		
	335	266	323.6		75	6.0		
8	185	376	274.5	400	69	3.0		
	280	344	340.7		77	4.7		
	335	304	369.8		75	6.0		
9	185	423	308.9	450	69	3.0		
	280	387	383.2		77	4.7		
	335	342	416.0		75	6.0		

Model	No.Of Stage	Speed (r/min)	Flow (m³/h)	Head (m)	Power(kW)		Efficiency (%)	(NPSH) _r (m)
					Shaft	Motor		
CG-D25-80	5	2980	15	433.0	55.00		32	3.2
			25	400.0	60.50	75.0	45	3.5
			30	390.0	72.10		44	5
	6		15	519.6	66.00		32	3.2
			25	480.0	72.60	90.0	45	3.5
			30	468.0	86.52		44	5
	7		15	606.2	77.00		32	3.2
			25	560.0	84.70	110.0	45	3.5
			30	546.0	100.94		44	5
	8		15	692.8	88.00		32	3.2
			25	640.0	96.80	132.0	45	3.5
			30	624.0	115.36		44	5
9	15	779.4	99.00		32	3.2		
	25	720.0	108.90	132.0	45	3.5		
	30	702.0	129.78		44	5		
10	15	866.0	110.00		32	3.2		
	25	800.0	121.00	160.0	45	3.5		
	30	780.0	144.20		44	5		
11	15	952.6	121.00		32	3.2		
	25	880.0	133.10	200.0	45	3.5		
	30	858.0	158.62		44	5		
12	15	1039.2	132.00		32	3.2		
	25	960.0	145.20	200.0	45	3.5		
	30	936.0	173.04		44	5		
CG-D45-80	7	2950	36	585.2	114.8		50	3.9
			45	560.0	124.6	180	55	4
			62	477.4	143.5		56	5.5
	8		36	668.8	131.2		50	3.9
			45	640.0	142.4	200	55	4
			62	545.6	164.0		56	5.5
	9		36	752.4	147.6		50	3.9
			45	720.0	160.2	220	55	4
			62	613.8	184.5		56	5.5
	10		36	836.0	164.0		50	3.9
			45	800.0	178.0	250	55	4
			62	682.0	205.0		56	5.5
11	36	919.6	180.4		50	3.9		
	45	880.0	195.8	280	55	4		
	62	750.2	225.5		56	5.5		
12	36	1003.2	196.8		50	3.9		
	45	960.0	213.6	280	55	4		
	62	818.4	246.0		56	5.5		
CG-D85-80	7	2950	54	616	170.9		53	4.5
			85	560	199.3	250	65	4.4
			108	490	218.4		66	5.3
	8		54	704	195.3		53	4.5
			85	640	227.8	280	65	4.4
			108	560	249.6		66	5.3

Model	No.Of Stage	Speed (r/min)	Flow (m³/h)	Head (m)	Power(kW)		Efficiency (%)	(NPSH) _r (m)
					Shaft	Motor		
CG-D85-80	9	2950	54	792	219.8		53	4.5
			85	720	256.3	355	65	4.4
			108	630	280.7		66	5.3
	10		54	880	244.2		53	4.5
			85	800	284.8	355	65	4.4
			108	700	311.9		66	5.3
	11		54	968	268.6		53	4.5
			85	880	313.2	400	65	4.4
			108	770	343		66	5.3
	12		54	1056	293		53	4.5
			85	960	341.7	450	65	4.4
			108	840	374.3		66	5.3
CG-D150-100	6	2950	120	630	307		67	3.4
			150	600	353	450	70	4.8
			180	540	368		72	5.5
	7		120	735	359		67	3.4
			150	700	412	500	70	4.8
			180	630	429		72	5.5
	8		120	840	410		67	3.4
			150	800	470	630	70	4.8
			180	720	491		72	5.5
	9		120	945	461		67	3.4
			150	900	518	630	70	4.8
			180	810	552		72	5.5
10	120	1050	512		67	3.4		
	150	1000	588	800	70	4.8		
	180	900	613		72	5.5		
CG-D280-100	4	2950	250	420.0	386.4		74	5.1
			280	400.0	396.0	450	77	5.6
			300	392.0	416.0		77	5.9
	5		250	525.0	483.0		74	5.1
			280	500.0	495.0	630	77	5.6
			300	490.0	520.0		77	5.9
	6		250	630.0	579.6		74	5.1
			280	600.0	594.0	710	77	5.6
			300	588.0	624.0		77	5.9
	7		250	735.0	676.2		74	5.1
			280	700.0	693.0	800	77	5.6
			300	686.0	728.0		77	5.9
8	250	840.0	772.8		74	5.1		
	280	800.0	792.0	1000	77	5.6		
	300	784.0	832.0		77	5.9		
9	250	945.0	869.4		74	5.1		
	280	900.0	891.0	1120	77	5.6		
	300	882.0	936.0		77	5.9		
10	250	1050.0	966.0		74	5.1		
	280	1000.0	990.0	1250	77	5.6		
	300	980.0	1040.0		77	5.9		

If you want to get more detailed information, please contact us!