

High-Speed Steam Turbine

Features:

1. Drive the generator or other dragging equipment by gear case with high internal efficiency
2. Runs in all kinds of conditions with a wide shift range of speed
3. Custom designed power generating equipment with 50Hz and 60Hz
4. DEH or full hydraulic governing system
5. Safety system with complete functions



Extraction Back Pressure Steam Turbine

Model	Code	Power (MW)	Inlet			Extraction		Exhaust Pressure (MPa)	Rated Speed r/min	Steam Rate kg/kw.h	Weight (t)	Overall Dimensions LxWxH (mm)	Layout Layers
			Press (MPa)	Temp (°C)	Flow (t/h)	Press (MPa)	Flow Rated/Max (t/h)						
CB1-2.35/0.9/0.49	NH1010	1	2.354	390	18.7	0.9	8	0.49	12090R/1500R	18	7.1	2300x1690x1520	2
CB1.5/3.43/0.98/0.49	NH1015	1.5	3.432	435	20.3	0.981	6	0.49	12087R/1500R	13	7.1	2300x1690x1517	2
CB1.75-6.1/2.1/0.7	NH1017	1.75	6.1	330	28.7	2.1	10	0.7	12090R/1500R	14.5	6.8	2300x1690x1660	2
CB2-3.43/0.98/0.20	NH1020	2	3.432	435	20.3	0.981	9	0.2	12087R/1500R	10.3	7.1	2627x1870x1915	2
CB2.6-3.43/0.78/0.25	NH1026	2	3.432	435	25.8	0.785	12	0.245	9570L/3000R	9.8	8.2	2627x1870x1915	2
CB3-3.43/0.98/0.49	NH1030A	3	3.432	435	34.8	0.981	10	0.49	9570L/3000R	11.15	8.3	2627x1870x1915	2
CB3-3.43/1.08/0.39	NH1030B	3	3.432	435	34.8	1.079	17	0.392	9570L/3000R	11.17	8.3	2627x1870x1915	2
CB3-3.43/0.9/0.4	NH1030C	3	3.432	435	34.8	0.9	15	0.4	9570L/3000R	11.63	8.3	2627x1870x1915	2
CB3.9-3.43/1.57/0.49	NH1039	4	3.432	435	54.5	1.57	30	0.49	9570L/3000R	14.3	8.3	2627x1870x1915	2
CB3-4.9/2.695/1.0	NH1030D	3	4.903	470	49	2.695	16.5	1	9572L/3000R	16	8.7	2640x1890x1925	2
CB6-4.9/0.78/2.45	NH1060A	6	4.903	435	56.3	0.785	35	0.245	7683L/3000R	9.41	8.3	2627x1870x1915	2
CB6-4.9/1.47/0.98	NH1060B	6	4.903	435	76.5	1.47	13	0.98	7683L/3000R	12.8	8.3	2627x1870x1915	2
CB7-4.9/1.27/0.59	NH1070A	7	4.903	470	66.2	1.27	10.5	0.588	9370L/3000R	9.3	8.3	2627x1870x1915	2
CB7.5-4.9/1.96/1.274	NH1075	7.5	4.903	435	110.9	1.96	20	1.274	7685L/3000R	14.78	18.3	3280x3610x2320	2
CB13-8.83/3.72/0.882	NH1130	13	8.83	535	145	3.72	72	0.882	8030L/3000R	11.4	19.3	3670x4710x2790	2
CB15-8.83/3.72/0.98	NH1150	1.5	8.83	535	145	3.72	40	0.98	8010L/3000R	10.2	19.3	3670x4710x2790	2
CB18-8.83/2.6/1.1	NH1180	18	8.83	535	160	2.6	70	1.1	6920L/3000R	9.75	19.3	3670x4710x2790	2

Extraction Condensing Steam Turbine

Model	Code	Power Rated(MW)	Inlet			Extraction		Steam Rate		Rated Speed r/min	Exhaust Pressure (MPa)	Weight (t)	Overall Dimensions LxWxH (mm)
			Press (MPa)	Temp(°C)	Flow (t/h)	Press (MPa)	Flow Rated/Max(t/h)	Rated (kg/kw.h)	Pure condensing (kg/kw.h)				
C1.5-2.35/0.98	NH2015	1.5	2.35	390	16.2	0.981	10	10.8	5.7	12080R/1500R	0.0098	6.5	2345x2400x1670
C3-2.35/0.49	NH2030A	3	2.35	390	21.3	0.49	10	7.5	5.1	9570L/3000R	0.008	10.9	2850x3030x2120
C3-3.43/0.98	NH2030B	3	3.43	435	24.8	0.981	15	8.35	4.7	9570L/3000R	0.009	10.1	2850x3030x2120
C3-3.43/0.78	NH2030C	3	3.43	435	17.9	0.785	6	6.3	4.75	11587L/3000R	0.0128	7.6	2480x2390x2100
C3-3.43/0.76	NH2030D	3	3.43	435	33.3	0.785	19	10.61	4.92	11587L/3000R	0.009	7.6	2480x2390x2120
C3-3.43/0.78	NH2030E	3	3.43	435	23	0.785	11	7.6	5.2	11587L/3000R	0.013	7.6	2480x2390x2120
C3-3.43/0.78	NH2030F	3	3.43	435	25.5	0.785	17	8.7	5.2	11587L/3000R	0.013	7.6	2480x2390x2120
C4-2.5/0.8	NH2040	4	2.5	360	26.9	0.8	8	6.6	5.32	9565L/3000R	0.01	10.7	2860x3010x2120
C6-4.9/0.78	NH2060A	6	4.9	435	48.9	0.785	35	8.3	4.65	7687L/3000R	0.008	16.1	3330x3430x2120
C6-4.9/0.98	NH2060B	6	4.9	435	50.4	0.981	35	8.4	4.66	7687L/3000R	0.008	16.1	3340x3430x2120
C16.8-10/4.1	NH2168	16.8	10	490	135	4.1	80	7.77	3.97	7100L/3000R	0.0138	24.5	4130x4200x3000
C18-10/4.1	NH2180	18	10	490	140	4.1	80	7.59	4.3	7000L/3000R	0.0112	41.7	4580x4320x3290
C24-10.7/4.5/1.82	NH2240	24	10.7	508	200	4.5 1.82	149.5 7.05	8.4	17	7150L/3000R	0.01	32	5430x3840x4100
C22-10/4.3	NH2220	22	10	500	170	4.3	100	7.59	4	7000L/3000R	0.012	41.7	4580x4320x3290
C40-6.3/1.3/0.55	NH2400	40	6.3	470	280	1.3 0.55	50.0 240.00	7.2	4.76	5023L/3000R	0.0065	76.2	5900x5120x4300

Back Pressure Steam Turbine

Model	Code	Power(MW)	Inlet			Exhaust Pressure (MPa)		Rated Speed (r/min)	Steam Rate (kg/kw.h)	Weight (t)	Overall Dimensions LxWxH(mm)
			Press (MPa)	Temp (°C)	Flow(t/h)	Rated	Variation Range				
B0.9-2.35/0.98	NH3009	0.9	2.354	390	21.4	0.981		12080R/3000R	23.4	4.6	2020x1790x1310
B1.0-3.23/1.67	NH3010	1	3.236	400	32.4	1.667		12110L/3000R	30.4	4.6	2020x1790x1310
B1.4-3.43/0.74	NH3014	1.4	3.432	435	17.9	0.736		12090L/1500R	12.5	4.6	2020x1790x1310
B1.5-2.35/0.49	NH3015A	1.5	2.354	390	20.3	0.49		11101L/3000R	13.2	4.6	2020x1790x1310
B1.5-2.4/0.5	NH3015B	1.5	2.4	390	20.1	0.5	0.7~0.4	11093L/3000R	13.5	4.6	2030x1780x1320
B1.5-3.43/0.49	NH3015C	1.5	3.43	435	18.6	0.49	0.69~0.39	11093L/3000R	12.22	4.6	2160x17800x1300
B1.5-3.43/0.59	NH3015D	1.5	3.43	435	17.5	0.59	0.69~0.54	11093L/3000R	11.76	4.6	2020x1770x1330
B1.5-3.43/0.78	NH3015E	1.5	3.432	435	22.5	0.785		11101L/3000R	13.07	4.6	2020x1790x1310
B1.5-4.9/0.40	NH3015F	1.5	4.9	470	20.2	0.4	0.45~0.35	8510L/3000R	8.23	6.7	2450x1890x1910
B2-2.16/0.24	NH3020A	2	2.16	315	23.2	0.245	0.25~0.24	10554L/1500R	11.35	6.7	2450x1890x1910
B2-2.35/0.39	NH3020B	2	2.354	390	24.5	0.39	0.54~0.24	12082L/1500R	12.43	4.6	2020x1770x1330
B2-3.43/1.57	NH3020C	2	3.43	430	43.5	1.57	1.766~1.47	9570L/3000R	22.67	6.7	2450x1890x1910
B2.8-3.43/0.78	NH3028	2.8	3.432	435	35.1	0.785		9570L/3000R	12.4	6.7	2450x1890x1930
B3-3.43/0.93	NH3030A	3	3.432	435	43.5	0.932		9737L/3000R	14.2	6.7	2450x1890x1930
B3-3.43/0.54	NH3030B	3	3.432	435	32.1	0.539		9737L/3000R	10.6	6.7	2450x1890x1930
B3-3.43/0.49	NH3030C	3	3.432	435	30.2	0.49		9737L/3000R	9.68	6.7	2450x1890x1930
B3-3.43/0.98	NH3030D	3	3.432	435	45.1	0.981		9737L/3000R	14.41	6.7	2450x1890x1930
B3-2.35/0.29	NH3030E	3	2.354	375	30.39	0.294		9737L/3000R	10.48	6.7	2450x1890x1930
B3-3.43/0.78	NH3030F	3	3.432	435	37.7	0.785		9570L/3000R	12.28	6.7	2450x1890x1930
B3-2.35/0.29	NH3030G	3	2.354	390	30.45	0.294	0.26~0.39	9737L/3000R	10.15	6.7	2450x1890x1930
B3-2.35/0.49	NH3030H	3	2.354	390	37.9	0.49	0.39~0.59	9570L/3000R	12.8	6.7	2450x1890x1930
B3-3.43/0.49	NH3030I	3	3.432	435	30.2	0.49	0.39~0.59	9570L/3000R	9.5	6.7	2450x1890x1930
B3-3.43/0.59	NH3030J	3	3.432	435	32.4	0.588	0.49~0.69	9570L/3000R	10.3	6.7	2450x1890x1930
B3-3.43/0.98	NH3030K	3	3.432	435	44.5	0.981	0.78~1.18	9570L/3000R	14.7	6.7	2450x1890x1930
B3-3.5/0.4	NH3030L	3	3.5	435	28	0.4	0.3~0.6	9570L/3000R	9.3	6.7	2450x1890x1930
B3-4.9/0.78	NH3030M	3	4.903	435	32.8	0.785	0.59~0.88	11585L/3000R	10.5	4.8	2030x1780x1320
B3-4.9/0.78	NH3030N	3	4.903	435	32.8	0.785	0.59~0.98	11585L/3000R	10.5	4.8	2030x1780x1320
B3-4.9/0.78	NH3030O	3	4.903	435	33.7	0.785	0.59~0.88	9570L/3000R	11.07	4.9	2160x1780x1320
B3.1-12.16/4.33	NH3031	3.1	12.16	510	57.9	4.33	4.14~4.8	10960L/3000R	18.48	6.8	2040x2210x1740

Model	Code	Power(MW)	Inlet			Exhaust Pressure (MPa)		Rated Speed (r/min)	Steam Rate (kg/kw.h)	Weight (t)	Overall Dimensions LxWxH(mm)
			Press (MPa)	Temp (°C)	Flow(t/h)	Rated	Variation Range				
B3.2-3.43/0.93	NH3032	3	3.432	435	47.4	0.932		9737L/3000R	14.5	6.7	2450x1890x1930
B4-4.9/0.49	NH3040A	4	4.9	435	36.2	0.49	0.69~0.39	9570L/3000R	8.98	5.1	2160x17800x1300
B4-4.9/0.69	NH3040B	4	4.903	435	42.1	0.69	0.49~0.88	9570L/3000R	10.31	4.5	2020x1770x1330
B4-4.9/0.78	NG3040C	4	4.9	435	43.1	0.78	0.98~0.588	9570L/3000R	10.73	4.6	2030x1780x1320
B5-2.35/0.23	NH3050	5	2.35	350	48.5	0.235	0.26~0.214	6395L/1500R	9.7	12.4	2880x3510x2520
B6-3.43/0.88	NH3060A	6	3.43	435	74.73	0.88	0.682~1.078	7685L/3000R	12.57	12.8	2880x3510x2520
B6-3.43/1.078	NH3060B	6	3.43	435	85.7	1.078	0.878~1.278	7685L/3000R	14.8	13.2	2880x3510x2520
B6-3.60/1.10	NH3060C	6	3.6	440	89.7	1.1	1.15~1.00	7685L/3000R	14.9	12.8	2880x3510x2520
B6-4.4/1.5	NH3060D	6	4.4	435	95.2	1.5	1.75~1.35	5941L/3000R	16.45	12.8	2880x3510x2520
B6-4.9/0.69	NH3060E	6	4.903	470	54.7	0.686	0.5~0.9	7685L/3000R	9.22	6.7	2470x1860x1930
B6-4.9/0.98	NH3060F	6	4.903	435	68.6	0.981	0.78~1.27	7685L/3000R	11.3	6.7	2470x1860x1930
B6-4.9/1.27	NH3060G	6	4.903	470	74.8	1.27	0.88~1.37	7685L/3000R	12.7	6.7	2470x1860x1930
B6-8.83/3.63	NH3060H	6	8.83	530	114.9	3.629	3.43~3.83	9516L/3000R	19.2	6.8	2380x2890x2140
B6-9.31/1.47	NH3060I	6	9.31	495	60.2	1.47	1.27~1.67	9366L/3000R	10.2	8.5	2470x1860x1930
B7-4.9/0.981	NH3070A	7	4.9	435	78.88	0.981	0.785~1.275	8510L/3000R	11.5	6.7	2450x1890x1910
B7-11.2/3.9	NH3070B	7	11.2	535	117.1	3.9	3.8~4.0	8120L/3000R	16.83	6.7	2380x2890x2140
B8-4.9/0.79	NH3080	8	4.9	470	70.73	0.79	0.59~0.99	7720L/3000R	9.55	12.8	2880x3510x2520
B9-3.43/0.30	NH3090	9	3.43	435	96.8	0.366	0.4~0.25	8010L/3000R	7.94	12.8	2880x3510x2520

Condensing Steam Turbine

Model	Code	Power(MW)	Inlet		Flow (t/h)	Exhaust Pressure (Mpa)	Rated Speed (r/min)	Exhaust Pressure(MPa)	Weight (t)	Overall Dimensions LxWxH(mm)
			Press(MPa)	Temp(°C)						
N3-3.3	NH4030A	3	3.33	435	14.7	0.0078	11587L/3000R	5.3	8.9	2820x2600x1860
N3-0.98	NH4030B	3	0.981	300	20.3	0.012	9570L/3000R	6.72	9.3	2670x3030x2120
N3-1.27	NH4030C	3	1.257	340	24.7	0.0147	9566L/3000R	8.23	9.5	2760x3010x2120
N3.7-1.3	NH4037	3.7	1.3	340	26.9	0.01	9572L/3000R	7.21	9.8	2760x3030x2120
N5.4-0.88	NH4054	5.4	0.882	280	36.2	0.0108	9540L/3000R	6.68	21.7	4010x4270x3280
N6-2.15	NH4060	6	2.15	435	28.3	0.01	7685L/3000R	4.67	14.7	3190x3510x2400
N7.5-8.83	NH4075	7.5	8.83	535	29.8	0.012	9583L/3000R	4.11	9.9	2840x3460x2165
N15-3.37	NH4150	15.76	3.37	427	62.3	0.009	5518L/3000R	3.91	54.3	4370x4840x3420
N25-10	NH4250	25	10	520	97.1	0.0176	7020L/1500R	3.92	20.7	4410x4720x3150