Pumps for power station conventional islands

CHTA / CHTC / CHTD Boiler feed pump

DN	100 - 500
Q [m³/h]	max. 3700
H [m]	max. 5300
p [bar]	max. 560
T [°C]	max. +210
n [min⁻¹]	max. 6750

Data for 50 Hz operation,
higher values available upon request

Design: Horizontal, high-pressure barrel-type pump with radial impellers, single- and double-entry, multistage, with flanges / weld end nozzles to DIN and ANSI.

Applications: Handling of feed water and condensate in power stations and industrial facilities, generation of pressurized water for bark peeling machines and descaling equipment.

Reference no. 1860.1 — also available in 60 Hz

HGB / HGC® / HGD Boiler feed pump

DN	40 - 400
Q [m³/h]	max. 2300
H [m]	max. 5300
p [bar]	max. 560
T [°C]	max. +210
n [min⁻¹]	max. 7000

Data for 50 Hz operation,
higher values available upon request

Design: Horizontal, radially split, multistage ring-section pump with radial impellers, single- or double-entry.

Applications: Handling of feed water and condensate in power stations and industrial facilities, generation of pressurized water for bark peeling machines, descaling equipment, snow guns, etc.

Reference no. 1850.02 — also available in 60 Hz

HGM® Boiler feed pump

DN	25 - 100
Q [m³/h]	max. 274
H [m]	max. 1400
p [bar]	max. 140
T [°C]	max. +160
n [min⁻¹]	max. 3600

Data for 50 Hz operation,
higher values available upon request

Design: Horizontal, radially split, product-lubricated, multistage ring-section pump with radial impellers, axial and radial single-entry inlet.

Applications: Handling of feed water in power stations, boiler feed water and condensate in industrial facilities.

Reference no. 1856.02 — also available in 60 Hz

YNK Boiler feed booster pump

DN	125 - 600
Q [m³/h]	max. 3700
H [m]	max. 280
p [bar]	max. 40
T [°C]	max. +210
n [min⁻¹]	max. 1800

Data for 50 Hz operation,
higher values available upon request

Design: Horizontal, radially split, single-stage, double-entry boiler feed booster pump (booster system) with single or double cast steel volute casing.

Applications: Handling of feed water in power stations and industrial facilities.

Reference no. 1135.021 — also available in 60 Hz

LUV® / LUVA Boiler recirculation pump

DN	100 - 550
Q [m³/h]	max. 7000
H [m]	max. 300
p [bar]	max. 350
T [°C]	max. +380
n [min⁻¹]	max. 3600

Higher values available upon request

Design: Vertical spherical casing pump, radial impellers, single-entry, single- to three-stage. Suitable for very high inlet pressures and temperatures. Integrated wet winding motor to VDE. Product-lubricated bearings, no need for oil supply systems. Design to TRD, ASME or IBR.

Applications: Hot water recirculation in forced-circulation, forced-flow and combined-circulation boilers for very high pressures and in solar power towers.

Reference no. 1128.023 — available in 50 Hz and 60 Hz