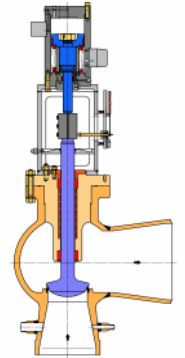
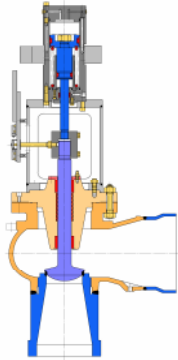


Referencelist for Reheater Safety-valves Hydraulic operated valves

Customer Country	Power Plant Location	Delivery date	Type of Power Plant	Plant Capty. (MW)	No. of units	Reheater-Function	Valves per unit	Actuator type	Seat / mm	Operating data				Pipe		Material	
										p_E (bar)	T_E (°C)		Q_D (t/hr)	DN In	DN out	Inlet	Outlet
VEBA Kraftwerk Ruhr Germany	Schkopau A/B *) Germany	1994	CVP	450	2	H	2	H	235	62	565		851	300	400	1.4903	1.7380
Siemens AG, Karlsruhe Germany	Cayirhan 3/4 Turkey	1997	CVP	150	2	H	2	H	168	46	540		305	250	350	1.7380	1.7335
Foster Wheeler Energy Oy Finland	Vaesteras Finland	2000	CVP	150	1	H	1	H	140	60	540		253	200	250	1.7380	1.7335
Sjaellandske Kraftvaerker Denmark	Stigsnaevaerket Denmark	2000	CVP	285	1	H	2	H	200	53	539		504	300	400	1.7380	1.7335
RWE Germany	NiederauBem K *) Germany	2000	CVP	900	1	H	2	H	220	78	600		825	300	400	1.4905	1.4903
Wienstrom Austria	Donaustadt Austria	2000	CVP	350	1	H	2	H	200	38	555		352	300	400	1.4903	1.7335
Babcock Borsig Germany	Hamborn Germany	2001	HPP	450	1	H	2	H	250	60	580		996	350	500	1.4903	1.7380
Lahti Energy Oy Finland	Lahden Lämpövoima Finland	2002	CVP	150	1	H	2	H	160	57	547		300	250	350	1.4903	1.4903



Referencelist for Reheater Safety-valves Hydraulic operated valves

Customer Country	Power Plant Location	Delivery date	Type of Power Plant	Plant Capty. (MW)	No. of units	Reheater-Function	Valves per unit	Actuator type	Seat / mm	Operating data				Pipe		Material	
										p _E (bar)	T _E (°C)	Q _D (t/hr)	DN In	DN out	Inlet	Outlet	
Doosan Heavy Industries South-Korea	Tangjin #5,6 Korea *)	2004	CVP	500	2	C	2	H	160 200	71 67,6	272 585	540 655	250 300	350 400	1.4515	1.4515	
						H									1.4903	1.4903	
Doosan Heavy Industries South-Korea	Dangjin #7,8 Korea *)	2005	CVP	500	2	C	2	H	160 200	71 67,6	272 585	540 655	250 300	350 400	1.4515	1.4515	
						H									1.4903	1.4903	
Doosan Heavy Industries South-Korea	Taeon #7,8 Korea *)	2005	CVP	500	2	C	2	H	168 200	62 59	353 596	556 613	300 450	500 700	1.4515	1.4515	
						H									1.4903	1.4903	

Powerplant-type:

CCPP: combined cycle power-plant:

CVP: Conventional powerplant:

HPP: Heat recovery powerplant:

*) super-critical plants

Actuator-type:

H: Hydraulic

P: Pneumatic

E: Electric

Reheater:

H: Hot Reheater valve

C: Cold reheater valve