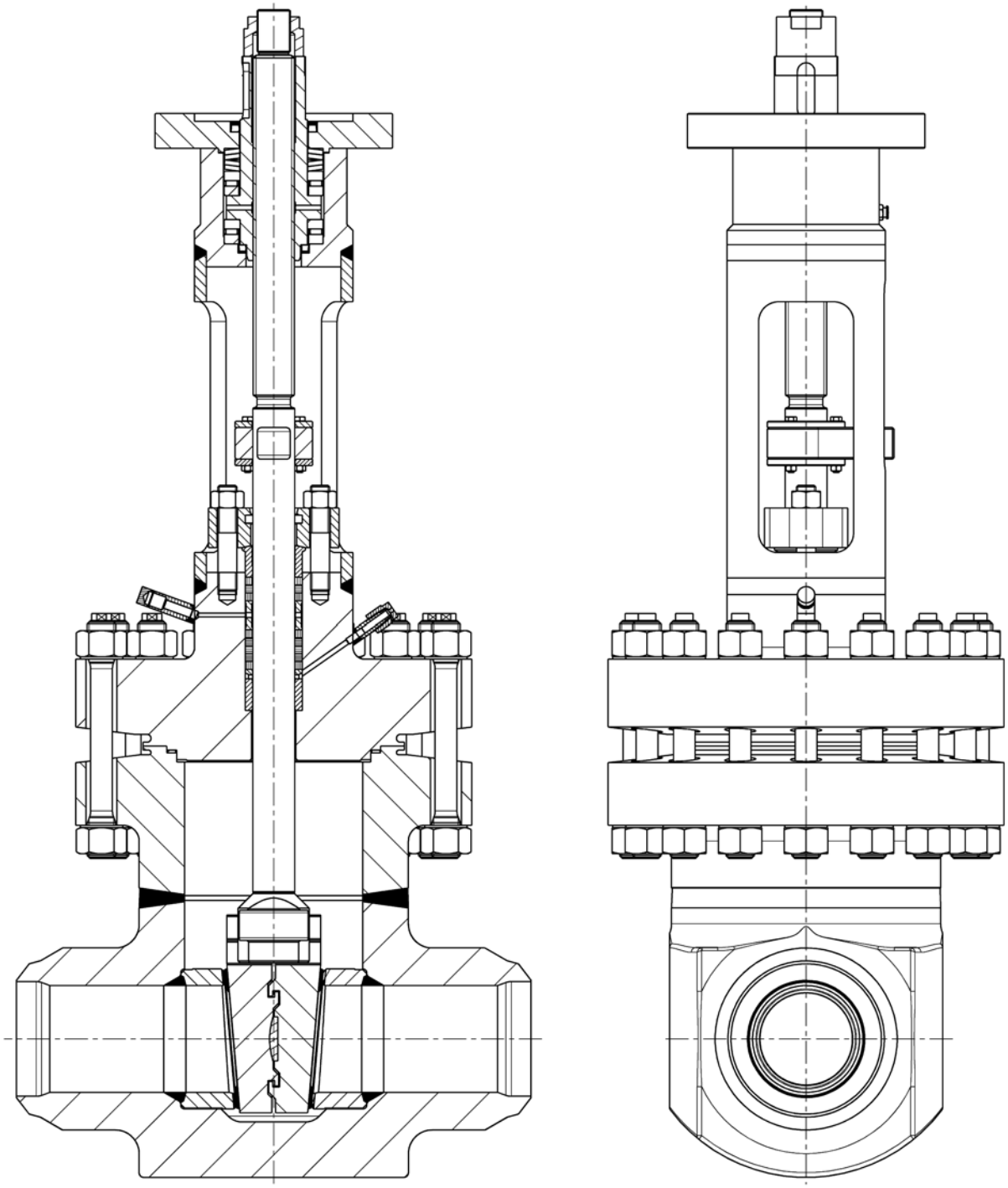
▪ Gate valve ▪ DN 80 to DN 500

Design size P11–P20/25
700 JJ



▪ Gate valve ▪ DN 80 to DN 500

Valve type	Gate valve with butt weld ends			
Series	700 JJ 21.2	1.0460	(A 105)	forged steel
	700 JJ 84.2	1.4541	(A 182 F 321)	forged steel
Nominal diameter	DN 80 to DN 500			
Design data	11 Mpa – 350 °C	design size P11		
	20 Mpa – 350 °C	design size P20		
	25 Mpa – 350 °C	design size P25		
Shut-off differential pressure	Pa = Delta_P or max. operating pressure			
Flow direction	bi-directional			
Body-/Disc-sealing surfaces	Co-free welded			
Stem sealing	highest-grade graphite 99,85 % packing (nuclear-quality)			
Body/bonnet-gasket	in force bypass / spiral wound gasket / 1.4541 with graphite (nuclear-quality)			
Lip seals gasket	for seal welding in an emergency			
Mechanical position indication	on/off			
Safety relevant task	function during and after an accident			
Seismic design	function after an earthquake			
Tightness	outside	DIN EN 12266-2, Leakage rate A		
	in the seat	DIN EN 12266-1, Leakage rate A		
Installation position	preferably horizontal line / vertical spindle			
Actuating versions	gear box with handwheel electric actuator coupling device for remote control pneumatic actuator, dependent on nominal size and technical data handwheel, dependent on nominal size and technical data			