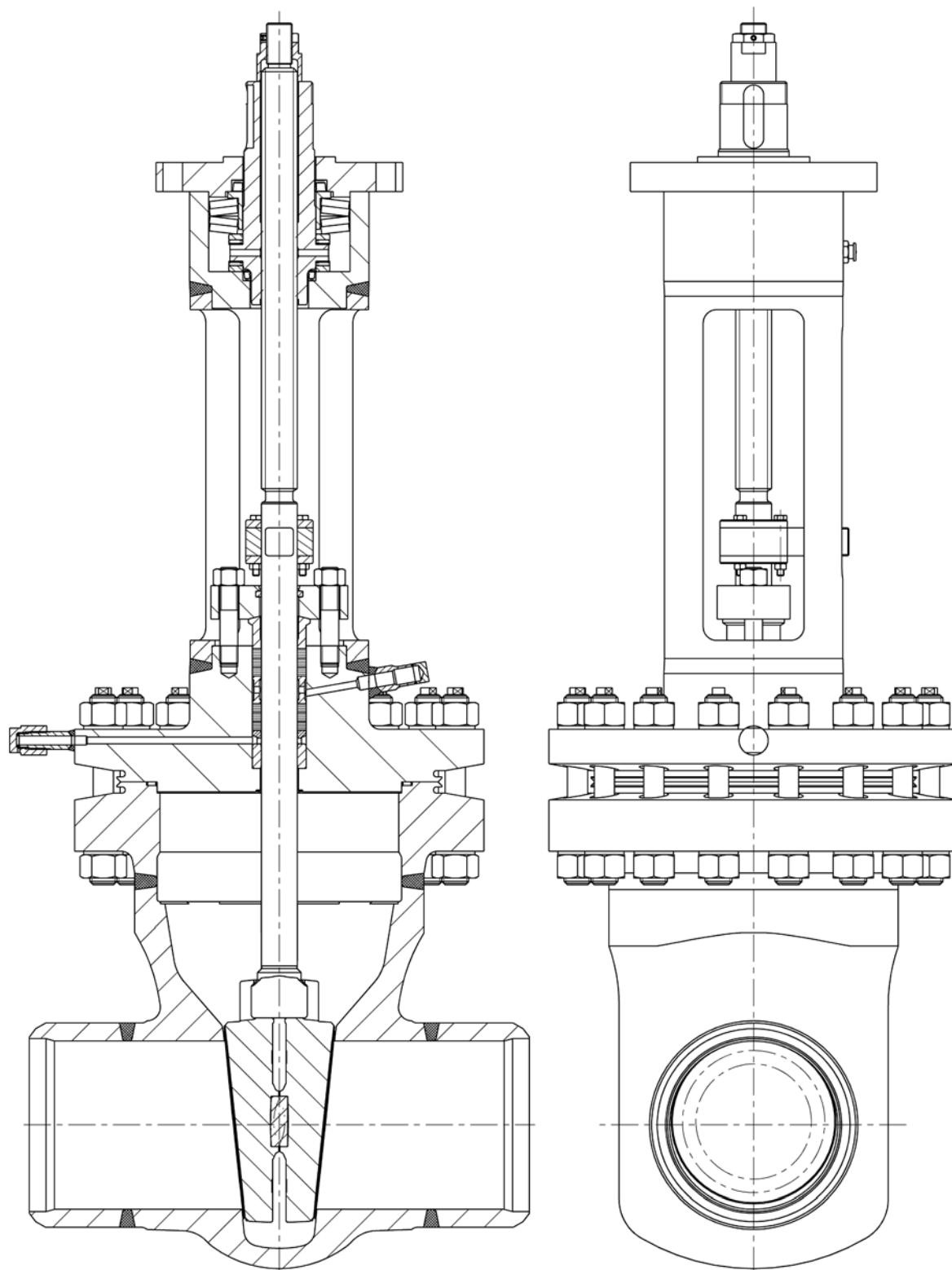


■ Gate valve ■ DN 80 to DN 150

Design size P4

700 JJ



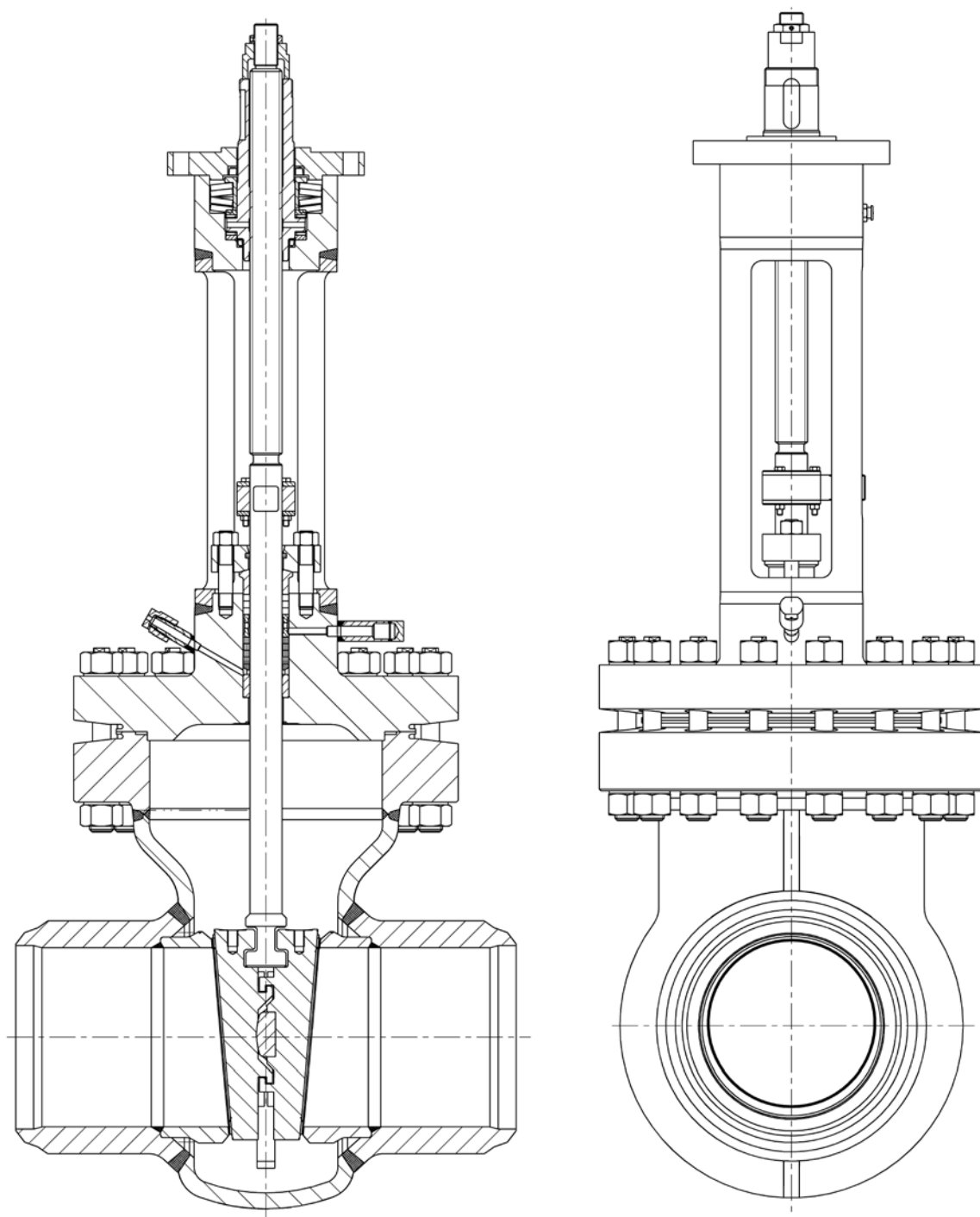
■ Gate valve ■ DN 80 to DN 150

Valve type	Gate valve with butt weld ends			
Series	700 JJ 21.2	1.0460	(A 105)	forged steel casting
	700 JJ 74.2	1.4552	(A 351 CF8C)	
Nominal diameter	DN 80 to DN 150			
Design data	4 Mpa – 250 °C design size P4			
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	handwheel			
	gear box with handwheel			
	electric actuator			
	coupling device for remote control			
	pneumatic actuator			

■ Gate valve ■ DN 200 to DN 800/700

Design size P4

700 JJ



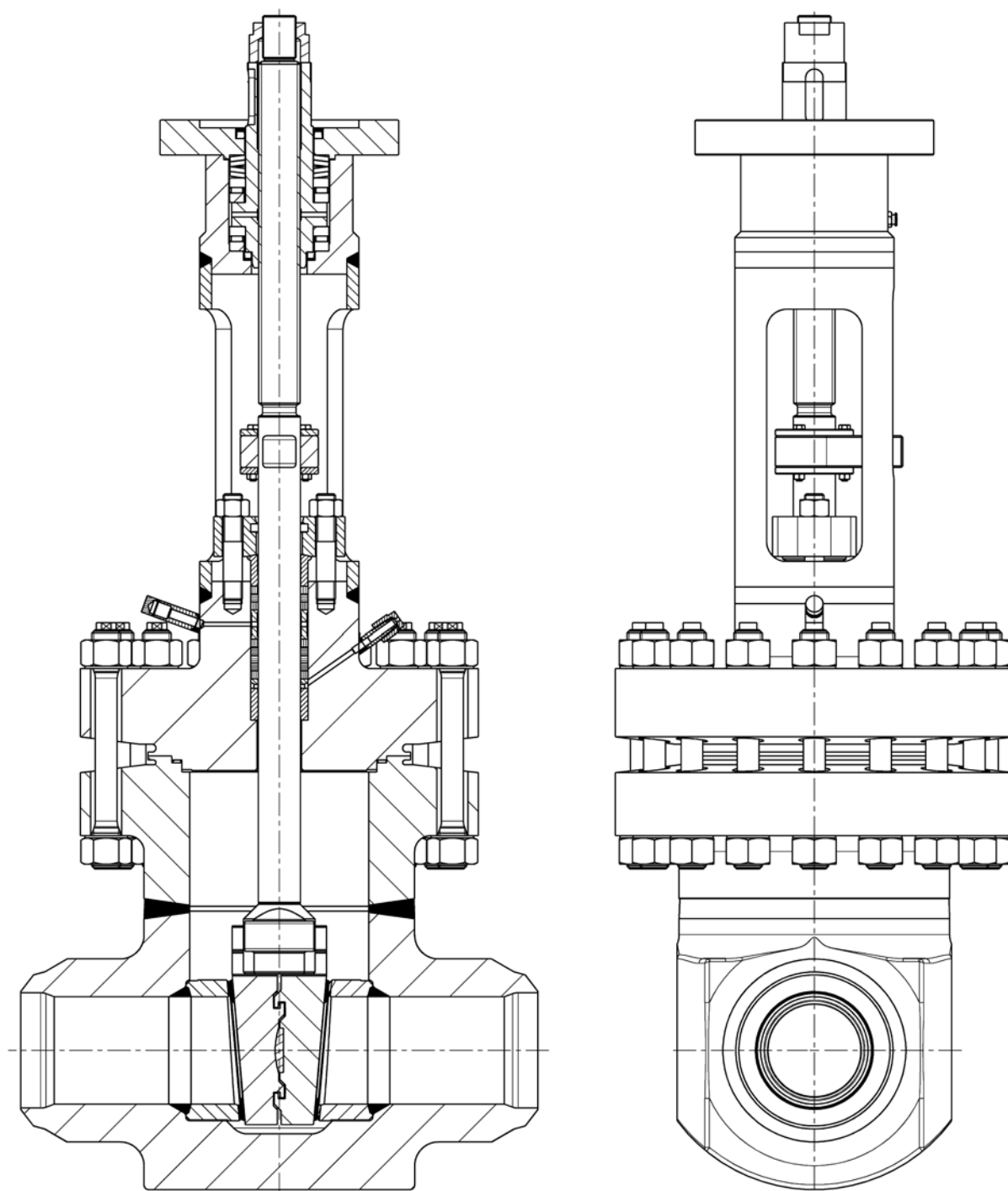
■ Gate valve ■ DN 200 to DN 800/700

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 200 to DN 800/700			
Design data	4 Mpa – 250 °C design size P4			
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 in the seat	DIN EN 12266-2, Leakage rate A DIN EN 12266-1, Leakage rate A		
Installation position	preferably horizontal line / vertical spindle			
Actuating versions	handwheel gear box with handwheel electric actuator coupling device for remote control pneumatic actuator, dependent on nominal size and technical data			

■ 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			