

**Fig. 309**  
**Gate valve**



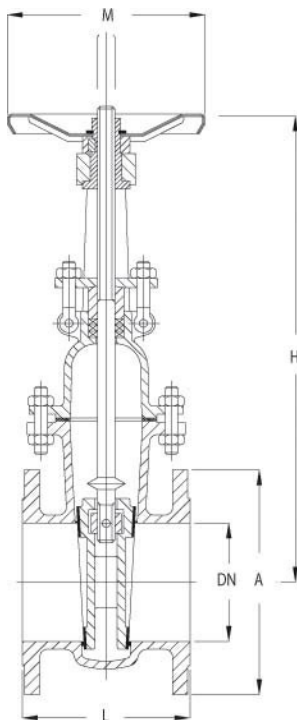
Cast steel Econ® gate valves with stainless steel seat, pressure rating PN 16, flanged ends acc. to PN 16, bolted bonnet with yoke, outside screwed stem and yoke, rising stem, non-rising handwheel, flexible wedge, Face To Face acc. to EN 558, Series 14.

Application: suitable for general use within the specified pressure and temperature range. For other trim materials see "Options".

**Features**

- Connection: Flange
- Body material: Steel
- Standard face to face length: EN 558, Series 14
- Spindle and/or hand wheel rising: Yes
- Sealing material on gate: 1.4502
- Actuator material: Steel
- Material cover gasket: Graphite
- Standard: DIN
- Pressure rating: PN 16
- Material quality: 1.0619+N
- Sealing: Stainless steel
- Type of bonnet: Bolted bonnet
- Seat material: 1.4502
- Primary spindle seal material: Graphite
- Quality class spindle: 1.4021
- Operation/Actuation: Hand wheel

**econ®**



**Pressure and Temp Range**

	-10/20°C	100°	150°	200°C	250°C	300°C	350°C	400°C	425°C	450°C	
PN16	16	16	16	13,3	12,2	11	10,3	9,9	9,7	9,5	[bar]

**Dimensions**

DN	A	H	H open	L	M	Weight
[mm]						[kg]
50	165	315	375	150	200	15
65	185	370	450	170	200	25
80	200	410	500	180	200	27
100	220	450	560	190	200	35
125	250	525	660	200	250	40
150	285	600	765	210	250	55
200	340	760	975	230	300	82
250	405	990	1255	250	400	155
300	460	1095	1415	270	400	195

**Order Information**

Stock	Article No.	Order code	DN	Face to face length [mm]	Material cover	Flange compression stage
S	EC003090050PPN2	116653	DN 50	150	1.0619+N	PN 16
	EC003090065PPN2	116654	DN 65	170	1.0619+N	PN 16
S	EC003090080PPN2	116655	DN 80	180	1.0619+N	PN 16
S	EC003090100PPN2	116656	DN 100	190	1.0619+N	PN 16
S	EC003090125PPN2	116658	DN 125	200	1.0619+N	PN 16
S	EC003090150PPN2	116659	DN 150	210	1.0619+N	PN 16
	EC003090200PPN3	331829	DN 200	230	1.0619+N	PN 10
S	EC003090200PPN2	116661	DN 200	230	1.0619+N	PN 16

This product information sheet has been formulated with the greatest care, but no rights can be derived from it. Subject to change.

## Fig. 309 Gate valve

Stock	Article No.	Order code	DN	Face to face length [mm]	Material cover	Flange compression stage
	EC003090250PPN3	254825	DN 250	250	1.0460	PN 16