


# API-6D Expanding GV

## Technical Features

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# API-6D Expanding Gate Valve

The FZV API-6D Expanding Gate Valves are made to serve petroleum, gas, chemical, water, and slurry applications with an emphasis on reliability, safety, and positive shut-off.

<b>Product Type</b>	ON/OFF
<b>Product Desc.</b>	Parallel double-plate gate valve
<b>Model</b>	Zpc48H-parallel double-plate gate valve
<b>Nominal Dia.</b>	NPS 2" ~ 30" (DN50 ~ DN750)
<b>Operating Temp.</b>	-196C ~ 593C (the range of service temperature may vary for different materials)
<b>Operating Press.</b>	CLASS 150 ~ 2500 (PN20 ~ PN420)
<b>Material</b>	Main material: A216 WCB, WCC / A217 WC6, WC9, C5, C12 C12A CA15 / A351 CF8, CF8M, CF3, CF3M, CF8C, CN3MN, CK3MCUN, CN7M / A352 LCB, LCC / A494 CW-6MC, CU5MCuC, M35-1 / A890 4A(CD3MN), 5A(CE3MN), 6A(CD3MWCuN) / ASME B148 C95800, C95500, etc.
<b>Design Std.</b>	API 600, ASME B16.34, GB/T 12234, GB/T 12224
<b>Structural length</b>	ASME B16.10, GB/T 12221
<b>Connecting End</b>	ASME B16.5, ASME B16.47, ASME B16.25, GB/T 9113, GB/T 12224
<b>Test Std.</b>	API 598, ISO 5208, GB/T 26480, GB/T 13927
<b>Operation Method</b>	Non-elevating hand wheel, bevel gear, motor drive unit, pneumatic drive unit
<b>Application Fields</b>	For application in fields such as electric power industry, tap water engineering in urban construction, chemical engineering, etc.



Contact CENTRIC for More Information

### Product Features

- The sealing faces of valve seat and valve clack are build-up welded with hard alloy to improve the erosion resistance and extend the service life of valve.
- SS+ graphite or metallic seal or pressure self-sealing is adopted between valve body and bonnet for reliable sealing
- Rising stem structure, making the valve switch position be clear at a glance
- The valve stem thread will not come into contact with the medium, so the corrosion of medium to the thread is reduced.
- Small switching moment, reliable sealing
- The self-sealing parallel double-plate and the stretching type parallel double-plate structures are adopted, so the valve would not jam due to the impact of cold or hot medium.
- Small flow resistance, high flow capacity and good flow characteristics
- Through improving the structural design and selecting reasonable packing structure and qualified packing supplier, the valves can meet the Class A sealing test requirements of ISO 15848 FE.



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