



TYPE N310
GLOBE VALVE



TYPE N310-24 GLOBE
VALVE



TYPE N410-24 ANGLE
VALVE



TYPE N450
ANGLE VALVE

Globe and angle valves are widely used at bulk plants to control gas flow in the piping system, at storage tanks, on trucks and at pumps or compressors. Their body configuration permits installation in a straight section of pipe (globe body) or where it is desired to make a change in piping direction (angle body).

All units have a 1/4 in. FNPT plugged boss in the downstream side of the body. A hydrostatic relief valve (Type H124) or a vent valve (Type J402S) can be installed in this outlet.

Heavy-duty ductile iron (DI A395) valves for either LPG or Anhydrous Ammonia (NH₃) service. Ranging in size from 1/2 to 3 in. / DN 15 to 80, each valve has spring loaded PTFE chevron packing for an effective seal against leakage. The valves are rated for 400 psig / 27.6 bar WOG and a standard temperature rating of -20 to 160°F / -29 to 71°C.

Valve disc rotation stops as soon as the disc contacts the body seat to help minimize disc wear. Oversize ports in all units give high flow capacity.

Types N310 and N410 – Heavy-duty ductile iron valves for either LPG or Anhydrous Ammonia (NH₃) service. Ranging in size from 1/2 to 3 in. / DN 15 to 80 each valve has spring loaded PTFE chevron packing for sealing against leakage. Ball bearing valve disc construction on 1-1/4 in. / DN 32 and larger sizes, gives a strong connection to the stem to protect the disc under back-flow conditions.

Types N350 and N450 – Economy globe and angle valves for LPG service. With many of the construction features of the Types N310 and N410, these valves can be supplied in 1/2 and 3/4 in. / DN 15 to 80 sizes. PTFE spring-loaded packing provides an effective seal against leakage within the valve's pressure range.

Globe and Angle Valves					
SERVICE	INLET AND OUTLET CONNECTION, IN. / DN	TYPE			
		Heavy-Duty Version		Economy Version	
		Globe	Angle	Globe	Angle
LPG and NH ₃	1/2 FNPT	N301-04	N401-04	----	----
	3/4 FNPT	N301-06	N401-06	----	----
	1 FNPT	N301-08	N401-08	----	----
	1-1/4 FNPT	N310-10	N410-10	----	----
	1-1/2 FNPT	N310-12	N410-12	----	----
	2 FNPT	N310-16	N410-16	----	----
	3 FNPT	N310-24	N410-24	----	----
	3 / 80 ASME Flange	N310F-24	N410F-24	----	----
LPG	1/2 FNPT	----	----	N350-04	N450-04
	3/4 FNPT	----	----	N350-06	N450-06