

LATERAL CONNECTION SYSTEM
IPS PRODUCTS - LGV-SERIES GLOBE VALVES



LGV-SB SERIES (SPIGOT X BELL)			
MODEL #	INLET	OUTLET	SHROUD
LGV-200SB	2" IPS	2" IPS	3" IPS
LGV-250SB	2.5" IPS	2.5" IPS	4" IPS
LGV-300SB	3" IPS	3" IPS	4" IPS
LGV-3490	3" IPS	4" IPS	4" IPS
LGV-263SB	2" IPS	63MM DIN	3" IPS
LGV-390SB	90MM DIN	90MM DIN	4" IPS
LGV-9011SB	90MM DIN	110MM DIN	4" IPS

LGV-BB SERIES (BELL X BELL)			
MODEL #	INLET	OUTLET	SHROUD
LGV-200BB	2" IPS	2" IPS	3" IPS
LGV-250BB	2.5" IPS	2.5" IPS	4" IPS
LGV-300BB	3" IPS	3" IPS	4" IPS
LGV-400BB	4" IPS	4" IPS	4" IPS
LGV-66BB	63MM DIN	63MM DIN	3" IPS
LGV-99BB	90MM DIN	90MM DIN	4" IPS
LGV-1111BB	110MM DIN	110MM DIN	4" IPS

- VALVE BODY** CLASS 350 DUCTILE IRON PER ASTM A536, GRADE 65-45-12, AWWA C153
- VALVE MECHANISM** 304 STAINLESS STEEL
- PRESSURE RATING** 250 PSI
- EPOXY COATING** ANSI/AWWA C116/A21.16-09, NSF 61 & CSA Z245.20-98, 10-12 MIL
- HARDWARE** 304 STAINLESS STEEL, OPTIONAL 316 STAINLESS STEEL
- GASKETS** HIGH GRADE EPDM RUBBER ANSI/AWWA C111/A21.11, RIB-ENFORCED DESIGN
- INSTALLATION** PER IPS & DIN PIPE STANDARDS

SPECIFICATION

Lateral to mainline connection shall be made with ductile iron, resilient seated globe valve. Valve body and restraint clamps shall be constructed of ductile iron per ASTM A536, Grade 65-45-12. Epoxy coating on all interior and exterior surfaces shall be fusion bonded epoxy, 10-12 mil thickness. Valve mechanism and hardware shall be made of 100% 304-Series stainless steel. The valve stem shall be fine threaded stainless steel, O-Ring sealed for ease of operation. Valve connection to the mainline fitting shall be spigot x bell, mechanically attached and swivel about the base 360 degrees to allow positioning of valve outlet to any desired direction. Valve outlet shall be deep bell, gasket and equipped with integrally cast joint restraint clamps to securely fasten pipe to the valve. Restraint shall have blunt cast serrations. Machined threaded restraints will not be allowed. Riser extensions shall be stackable. Valve shall have a shroud around the valve stem to accept IPS PVC sleeve. All lateral to mainline transitions shall be manufactured by Leemco, Inc., U.S.A.

TORQUE RATING OUTLET CLAMP:
 2": 5-10 LB
 2.5": 10-15 LB
 3": 10-15 LB

LEEMCO HAS A LARGE VARIETY OF LATERAL CONNECTION ADAPTERS. PLEASE REFER TO OUR IPS AND DIN PRICE LISTS FOR AVAILABLE MODELS AND SIZES.

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