

# BARREL VALVES

## KINSLER BARREL VALVE ASSEMBLIES AND BLOCKS:

Kinsler barrel valves are constructed from billet aluminum, then hard anodized for protection from methanol. These valves feature 3AN female nozzle hose ports that are spaced apart for wrench clearance and ease of nozzle hose installation and removal. All models with direct nozzle hose attachment feature a High-Flow distribution cavity with a removable o-ring plug. These barrel valves can be installed on most Hilborn, Crower, and Ron's manifolds either as a direct bolt-on or using a Kinsler mounting adapter.

Part # of COMPLETE ASSEMBLY	Part # BLOCK ONLY	Model	Description
3501	3590	ALH	8-port, high-flow, nozzle ports exit out of the sides, left hand spool rotation, bottom mount.
3502	3591	ARH	8-port, high-flow, nozzle ports exit out of the sides, right hand spool rotation, bottom mount. (this is the standard unit on Kinsler small block Chevrolet 3-piece manifold).
3510	3599	ARH-P	same as #3502 with two 6AN female ports, on front and rear of distribution cavity, bottom mount.
3561	3571	ARH-XL	same as #3502, Xtra-Light is .25 lbs less than ARH.
3503	3592	BLH	8-port, high-flow, nozzle ports exit front and rear, left hand spool rotation, bottom mount.
3504	3593	BRH	8-port, high-flow, nozzle ports exit front and rear, right hand spool rotation, bottom mount.
3563	3573	BLH-XL	same as #3503, Xtra-Light is .25 lbs less than BRH.
3566	3586	BLH-T	same as #3503, with two 1/4" mounting bolts through side of block, side and bottom mount.
3567	3587	BRH-T	same as #3504, with two 1/4" mounting bolts through side of block, side and/or bottom mount.
3508	3597	CLH	16-port, high-flow, four nozzle ports exit each side, left hand spool rotation, bottom mount.
3509	3598	CRH	16-port, high-flow, four nozzle ports exit each side, right hand spool rotation, bottom mount.
3564	3575	CRH-XL	same as #3509, Xtra-Light is .3 lbs less than CRH.
3505	3594	PLH	4-port, high-flow, two nozzle ports exit front and rear, left hand spool rotation, side mount.
3506	3595	PRH	4-port, high-flow, two nozzle ports exit front and rear, right hand spool rotation, side mount.
3507	3596	D	Mono port, 6AN female port inlet and outlet, side mount.

**NOTE:** When ordering a barrel valve, please specify make and style of manifold, barrel valve spool shaft rotation\*, fuel being used, and type of racing. A barrel valve assembly is equipped with a standard Kinsler spool, secondary outlet fitting, and mounting bolts. The throttle arm and inlet fitting are ordered separately. Optional spools are ordered as an Upgrade.

### TERMINOLOGY:

**Mounting Orientation:** Most barrel valves are mounted on individual runner manifolds so that the secondary outlet fitting points toward the front of the engine. The spool shaft will protrude out the rear of the barrel valve. Kinsler bottom mount barrel valves have 10-32 threaded mounting holes, opposite the inlet port. Side mount has #8 (.170") clearance holes for attaching bolts (except BLH-T/BRH-T).

**Nozzle Hose Exit:** Side exit refers to hoses pointing towards valve covers of V8 engine. Front and rear exit refers to hoses pointing towards the front and rear of a V8 engine block.

\* **Rotation:** Right hand - looking at the end of the spool shaft, it rotates clockwise from idle to wide open throttle. Left hand - looking at the end of the spool shaft, it rotates counterclockwise from idle to wide open throttle. For proper rotation identification, see Page 39-M.



#3502 - Model: ARH



#3561 - Model: ARH-XL



#3509 - Model: CRH



#3564 - Model: CRH-XL



#3504 - Model: BRH



#3566 - Model: BLH-T with #3523



#3510 - Model: ARH-P



#3505 - Model: PLH



#3507 - Model: D

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