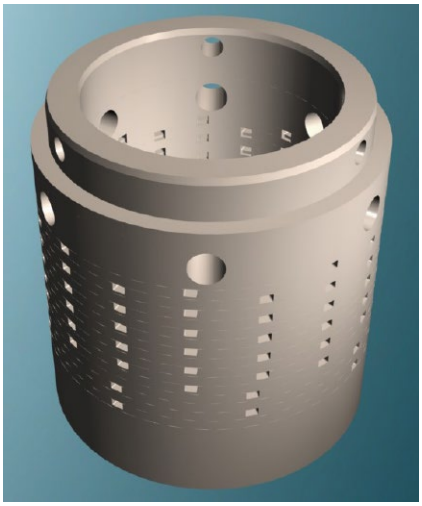
P6 - LabFlo Hybrid Multi-Stage Choke Trim Technology

Master Flo's LabFlo Hybrid Multi-Stage Choke Trim provides an effective solution for extreme applications susceptible to cavitation and further exhibits exceptional noise control and vibration mitigation capabilities. By designing for optimal fluid management within the trim, pressure drop is staged across multiple pressure reductions, maintaining pressures above the vapor pressure and preventing cavitation.

Validated using Computational Fluid Dynamics (CFD) analysis and empirical testing, Master Flo's LabFlo Hybrid Trim delivers an effective solution for aggressive pressure drop, early field life, conditions along with increased flow capacity for late field life applications.

LABFLO HYBRID MULTI-STAGE CHOKE TRIM SPECIFICATIONS

Size	Cv	Bean Size (XX/64)	Bean Size (mm)	Material *
P6 LabFlo Hybrid	220	290	115	Tungsten Carbide TC5CB



Features:

- **Reliability** – Proven Master Flo LabFlo trim configuration and proprietary Tungsten Carbide 5CB technology.
- **Versatility** – Single cage design effective for early field life (high ΔP) and later life (increased flow capacity) requirements.
- **Controllability** – Utilizes equal percentage trim characteristic for greater control at startup.
- **Engineered** – Designed analytically via CFD to provide an optimal flow management solution.
- **Qualified** – Empirically tested to validate LabFlo mutli-stage trim capabilities.

SIZE "P6" LABFLO HYBRID MULTI-STAGE TRIM – THEORETICAL Cv