Up to two questions “Funnel the Spec” to one product type.

Start at the top, follow the path down, end on the recommendation. Designed for distributors to send a customer ahead of a quote call.

QUESTION 1

What is the fitting doing at the actuator?

REGULATE FLOW · HOW FAST DOES THE ACTUATOR MOVE

QUESTION 2A

At a cylinder port, or in a general line?

IF AT A CYLINDER PORT · SETTING CYLINDER SPEED

RECOMMEND

Speed Controller

Two per double-acting cylinder, meter-out, threaded directly into the cylinder port. Throttle the exhaust for smooth load-stable motion. Meter-in only for single-acting (spring-return). Never throttle with the regulator: that cuts force, not speed.

IF IN A LINE · BALANCING BRANCHES, THROTTLING PILOTS, TRIMMING SUB-CIRCUITS

RECOMMEND

Flow Control Valve

Bi-directional needle valve, no integral check. Right tool for line balancing and pilot timing: wrong tool for cylinder speed (that doubles cycle time and creates lurching motion). About 1/3 of "flow control" requests are actually speed-controller requests.

HOLD A LOAD · TRAP AIR, PREVENT BACKFLOW INSIDE THE MACHINE