The 1 types · side-by-side

Distributor-facing reading. Each row gives best-for, key trade-off, capacity, price band, and how many of SPC's tier slots carry an option at that product type.

PRODUCT TYPE	BEST FOR	KEY TRADE-OFF	TYPICAL CAPACITY	PRICE BAND	BRANDS SPC CARRIES
1/4-Turn Shutoff Valve POINT-OF-USE BALL VALVE · OSHA LOTO LOCKABLE	**Every machine drop, every branch take-off.** Upstream of every FRL so the filter bowl, regulator, and tool change can be serviced without bleeding the whole branch. Every branch take-off from a header for isolation. Padlock-through-lever is the OSHA lockout-tagout standard. The plant walk-through audit usually surfaces 10-50 missing locations.	WRONG MATERIAL = CORROSION IN <1 YEAR Brass for general industrial air; bronze for higher pressure; stainless steel for washdown, food, pharma, corrosive, outdoor. Specifying brass into a washdown environment fails on a 6-12 month cycle. Price delta to stainless is modest.	1/8" – 1" NPT / BSPP (1-1/4"+ for headers) brass · bronze · stainless · NPT or PTC ends	$	 3 / 5 · KINGSTON + STC + AIGNEP (CATALOG PENDING)

Reading the brand bench column: the bar shows how many of SPC's tier slots (Industry Leader · Emerging · Economical · adjacent) carry an option at that product type. The shutoff bench is three (Kingston + STC + AIGNEP) by the brand list, though no brand-offering YAMLs exist yet, so the row is labelled "catalog pending." Ball valves and hand valves are new Product Types in this category without a curated comparison row yet: spec by material (brass / bronze / stainless) against the install environment until brand offerings are added.