

CASH VALVE TYPE KP BACK PRESSURE VALVES

SELECTION GUIDE

Example:	K	P	E	W	S	B	F	0	1	-	E	1
Model												
KP KP (pilot operated BPV)												
Valve size												
E 1"												
F 1¼"												
G 1½"												
H 2"												
Service												
W Water												
A Air												
T High temperature water/air												
O Oxygen gas												
P High pressure water/air												
Body/connection style												
S Side inlet/side outlet – straight through w/ NPT connections												
Seat material												
B Buna-N (water/air)												
V Viton (O ₂ gas service or water/air high temperature)												
S Silicone (water/air high pressure)												
Pressure screw style												
S Standard												
Variation												
01 Catalog standard												
02 Air/O ₂ gas service vented downstream												
Design revision												
(-) Original design												
Spring material												
E Stainless steel												
Spring range												
Refer to table below												

STANDARD SPRING RANGES (psig)

Service	1	2	3	4	5
Water, Air	15 - 65	50 - 200	----	----	----
High Temperature Water/Air	15 - 65	50 - 200	100 - 250	----	----
Oxygen Gas	15 - 65	50 - 200	40 - 100	----	----
High Pressure Water/Air*	0 - 30	31 - 50	51 - 80	81 - 150	151 - 260

*400°F Max Temperature