

SELECTION GUIDE

TYPE	TYPICAL APPLICATIONS	RATE (CFM)*	
		FROM	TO
FEEDERS			
METRIC SERIES	Pressure or vacuum conveying systems	5.4	162.0
“DA” ROTARY	Pressure pneumatic conveying systems	4.7	39.3
“TE” ROTARY (Open End Rotor)	Pressure or vacuum pneumatic conveying systems	1.5	115.0
“P” ROTARY (Closed End Rotor)	Pressure or vacuum pneumatic conveying systems	1.2	32.7
VALVES			
SHROUDED SUCTION LOCK (Rotary)	Dust collection equipment	2.4	23.2
ROTARY CUT-OFF	Gravity discharge under silos or bins	direct discharge	
SLIDE GATE (Manual)	Dust collection equipment, gravity discharge	direct discharge	
CUT-OFF GATE (Enclosed Slide Type)	Gravity discharge under silos or bins	direct discharge	
SWING GATE	Dust collection equipment	direct discharge	
TRICKLE	Dust collection equipment	variable rate	
TWO-GATE	Dust collection equipment	5.0	33.0
ONE-WAY CUT-OFF TYPE SK	Pressure tank valves, conveying line cut-off		
DIVERTER or CONVERGER TYPE SK	Pressure pneumatic conveying systems		
DIVERTER or CONVERGER TYPE FA	Pressure or vacuum pneumatic conveying systems		

NOTES: *Minimum - maximums based on 100% efficiency. Conservative estimates of 85% for feeder operation and 67% for airlock operation are normally used for planning purposes.

Consult your nearest FLSmidth District Office, representative or call Bethlehem direct for special applications.