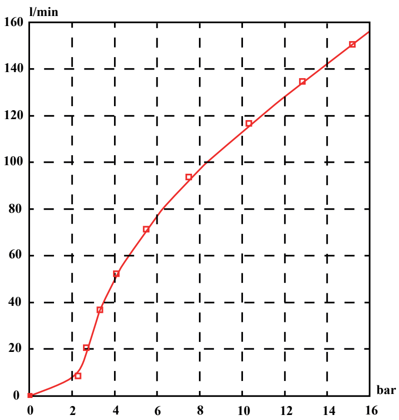
SWEPULSE®

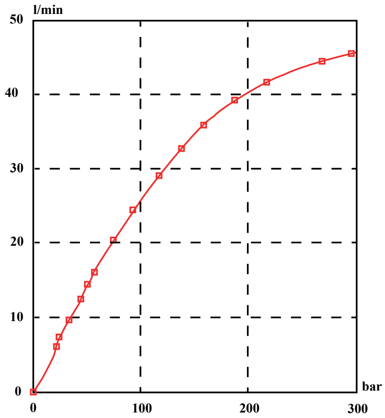
Pulsation Damper for Hydraulic

Technical advantages:
- Adaptive (Self-adjusting)
- Progressive damping function.
- Fast (instant)
- Only one moving part
- Completely mechanical
- No need for adjustment
- Long life

The various models are available in steel as standard but on request can be offered in stainless steel.

Diagram showing the pressure drop generated in relation to the flow.





Pressure drop Swepulse damper O25 with flow direction into the accumulator. Small pressure drop on the way into the accumulator gives speed take away the hydraulic peak.

Pressure drop Swepulse damper O25 with flow direction **out** of the accumulator. Large pressure drop on the way out means high deceleration of the spike that is returned.

Test made were a Swepulse is used with an Accumulator showed that the peak pressures could be reduced by 50 to 70%. The use of an accumulator alone will reduce the peak pressure but there can still arise powerful pulsations that can cause damage to the system.

Dimensions etc.

Modell	Length (mm)	Ø	Width across flats	Thread (BSP)	Max work pressure	Weight (kg)
O25	70	38	30	3/8”	400 Bar	0,44
O40	111	60	50	3/4”	400 Bar	1,82
O50	139	75	60	1”	400 Bar	3,6

SWEPULSE®

Skogsvägen 29
922 32 Vindeln
+4670-655 21 60
info@swepulse.se
www.swepulse.se

Version 1.0