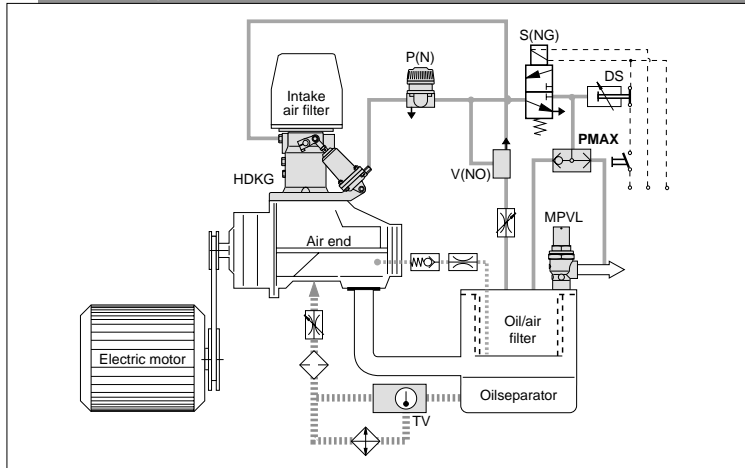


Maximum Pressure Selector Relais Shuttle Valve Type PMAX

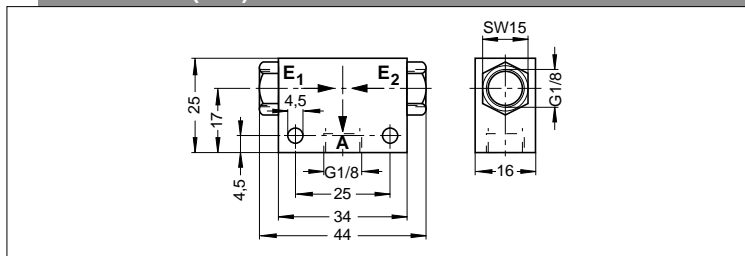
Application

Maximum pressure selection for control systems of stationary screw compressors with oil separator pressure lowered at idling conditions. Shuttle valve in pneumatic systems.

Stationary screw compressor



Dimensions (mm)



Details

Valve design		ball type shuttle valve
Nominal diameter DN	mm	4
Max. working pressure PS	bar (g)	13
Temperature range	°C	-20 to +80
Medium		oily pressurized air, filtered • recommended compressed air quality according to DIN ISO 8573-1 class 5 • Reference oil: see www.hoerbigerkompresortechnik.de
Maximum flow	m ³ /h	see diagram
Pressure difference	bar	0.1 • for switching from either E1 to E2 or E2 to E1
Dimensions		see installation drawing
Installation attitude		optional
Fastening		via 2 fastening bolts or to the signal pressure line
Materials		aluminium (anodized), steel (plated), seal element: Vulkollan or Viton
Weight	kg	0.05



⚠ Attention! Never attempt to disassemble a cylinder whilst under pressure!

Function

PMAX transfer the higher of both pressures at the inlets E1 and E2 to the outlet A.

Installation

Stationary screw compressor (see installation diagram):

Inlet E1 is connected to the air oil filter. Inlet E2 is connected to the pressure line downstream from the minimum pressure valve MPVL. Outlet A is connected to the control system of the compressor.

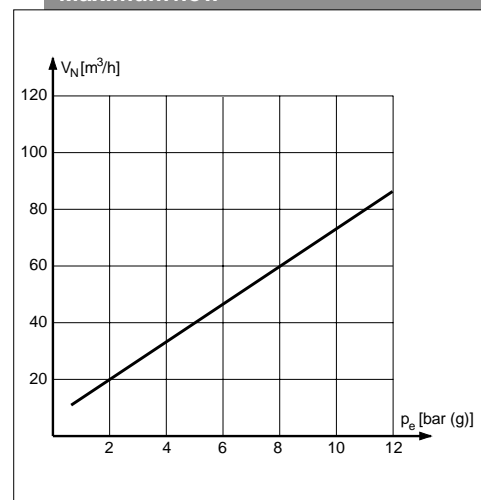
Outlet A receives pressure via inlet E1, if either the compressor is loading or there is no pressure at the consumer outlets. Outlet A receives pressure via inlet E2 when the compressor is idling and the oil separator is vented.

Ordering details

seal element: Vulkollan: 90-560333
Viton: 90-564016



Maximum flow



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