

# DN\_PM18\_K9 STAINLESS THROTTLE CARTRIDGE

## THROTTLE CARTRIDGE

Direct operated	DN_PM18_K9
$Q_{\max}$	25 l/min
$Q_{N\max}$	25 l/min
$p_{\max}$	350 bar



## DESCRIPTION

Mechanically adjustable throttle valve in screw-in cartridge construction for cavity according to ISO 7789. The throttle spindle which can be adjusted via a fine thread releases a ring gap, resp., a triangular notch for the volume flow entering the port 1 and 2. The adjusted throttle cross section generates a pressure drop which determines the volume flow. When screwed in, the throttle closes practically leakage-free. The oil flow is possible in both directions. The stainless execution is especially suitable for the use in wet and salty environment.



Application example various offshore areas

Throttle cartridge DN\_PM18\_K9



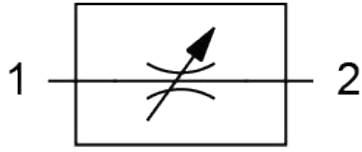
Adjustment types (from left): Key (S), control knob (D), cover (A), star knob (G)

## FIELDS OF APPLICATION

Throttle cartridges are used where volume flows have to be controlled continuously in both flow directions without taking into account pressure fluctuations. The screw-in cartridge is perfectly suitable for installation in control blocks and is installed in sandwich plates (vertical stacked systems).



## SYMBOL

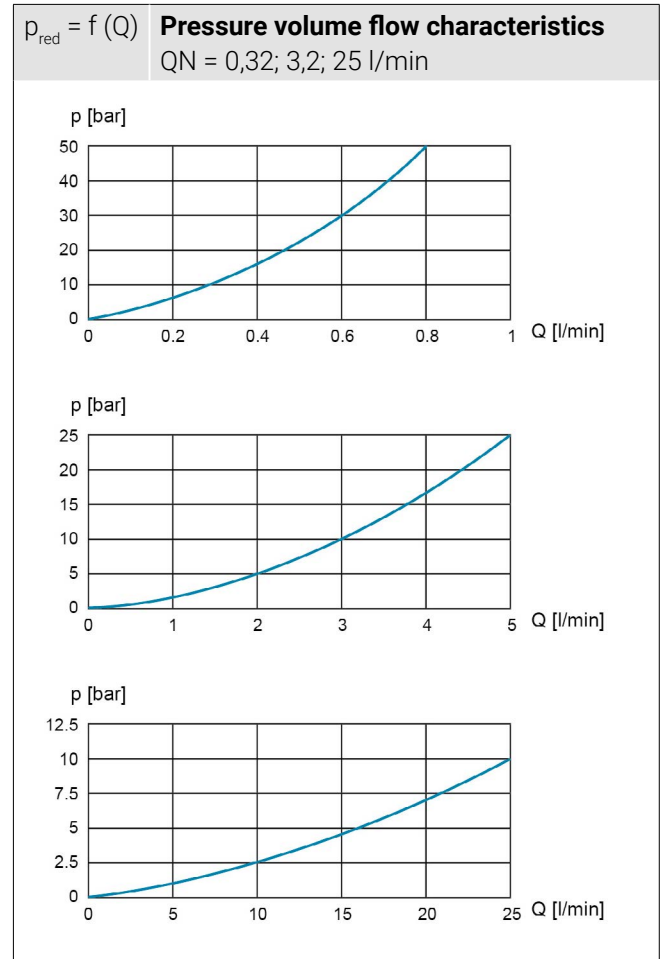


Flow direction any

## FEATURES

- Direct operated
- Stainless
- Sensitive motion sequences
- Low leakage
- Four different adjustment types available
- Precise spool fit

## THROTTLING BEHAVIOUR



Characteristics of the respective nominal volume flow range (QN)

