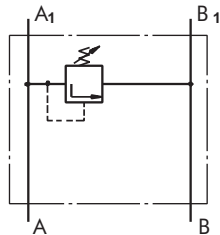
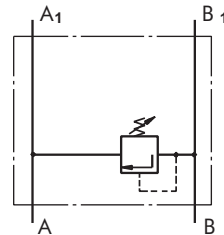


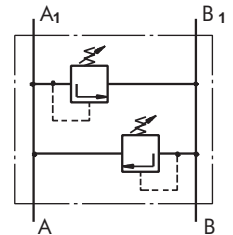
## Druckbegrenzungsventile für Hydraulikmotor Typ EPM/EPRM



Single Crossover  
Relief Valve  
type KPE ...



Single Crossover  
Relief Valve  
type KPE ...



Dual Crossover  
Relief Valve  
type KPD ...

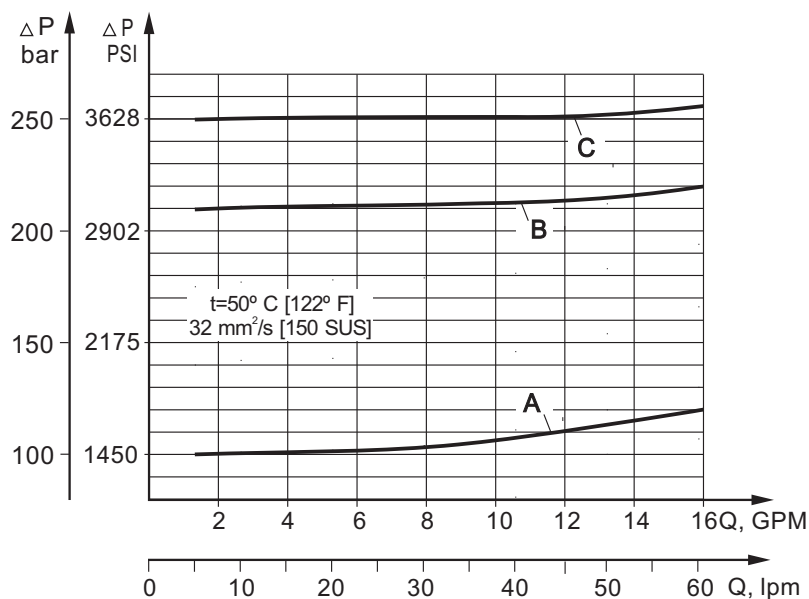
## Technische Daten

| Parameters                     | Type                                                                |      |                |      |
|--------------------------------|---------------------------------------------------------------------|------|----------------|------|
|                                | KPER                                                                | KPDR | KPES           | KPDS |
| Flow Rate , lpm [GPM]          | 60 [15.85]                                                          |      |                |      |
| Pressure Range* , bar<br>[PSI] | 30 ÷ 100; 50 ÷ 210; 80 ÷ 300<br>[435÷1450]; [725÷3050]; [1160÷4350] |      |                |      |
| Weight , kg<br>[lb]            | 1,55<br>[3.42]                                                      |      | 1,50<br>[3.31] |      |

\*Pressure Settings are at flow rate of 5 lpm [1.32 GPM]  
and viscosity 32 mm<sup>2</sup>/s [150 SUS] (50 °C [122° F]).

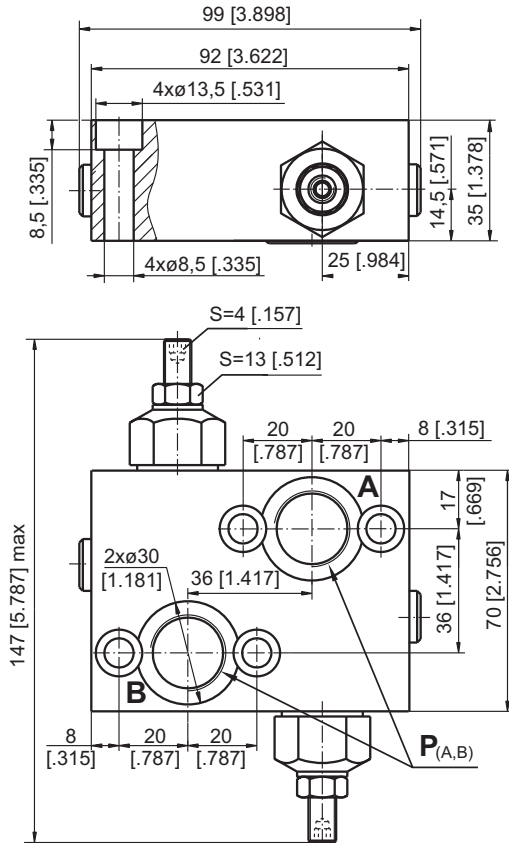
## Nenndruck

A → 100 bar [1450 PSI]  
B → 210 bar [3050 PSI]  
C → 250 bar [3625 PSI]

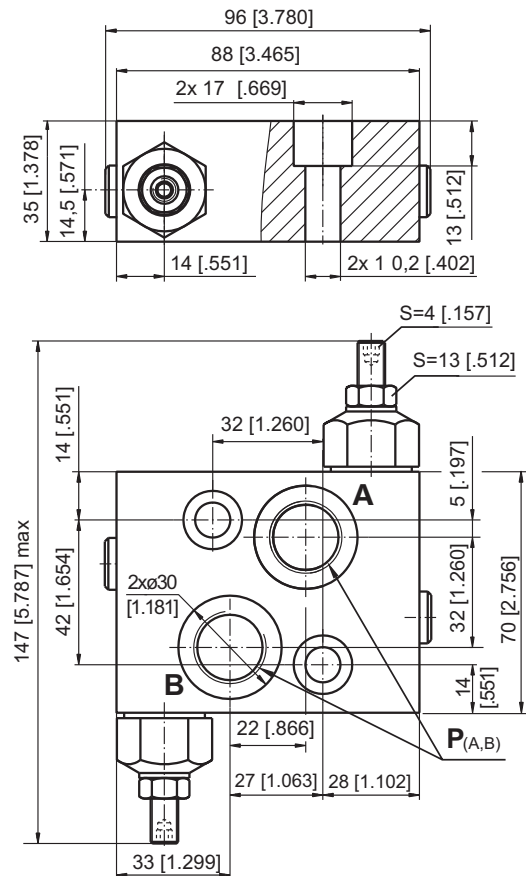


## Druckbegrenzungsventile für Hydraulikmotor Typ EPM/EPRM

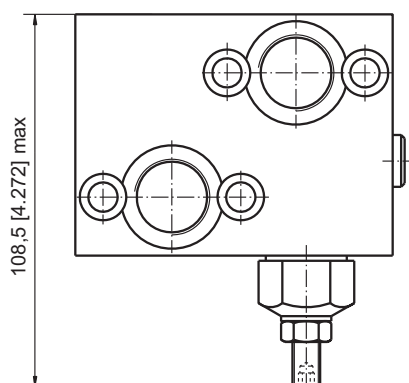
**Druckbegrenzungsventil doppelt KPDR**



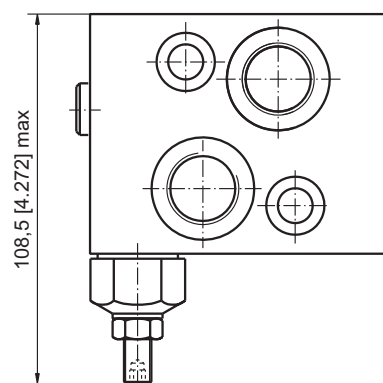
**Druckbegrenzungsventil doppelt KPDS**



**Druckbegrenzungsventil einfach KPER**



**Druckbegrenzungsventil einfach KPES**



|   | Thread<br>Ports - P <sub>(A,B)</sub>  |
|---|---------------------------------------|
| - | G1/2<br>20 [.79] depth                |
| M | M22x1,5<br>20 [.79] depth             |
| A | 7/8 - 14 UNF<br>O-ring 20 [.79] depth |

Hinweis: KPDR- und KPER-Blöcke werden direkt an EPM/EPRM-Motoren mit vier Schrauben M8x35 - 8,8 DIN 912 oder 5/16-18 UNC, 1,5 lang ANSI B 18.3 montiert. Anzugsmoment 1,8 daNm [160 lb-in]. Die Blöcke KPDS und KPES werden mit zwei Schrauben M10x35 - 8.8 DIN 912 oder 3/8-16 UNC, 1.5 lang ANSI B 18.3 direkt an den MS-Motoren befestigt. Anzugsmoment 3,5 daNm [310 lb-in].