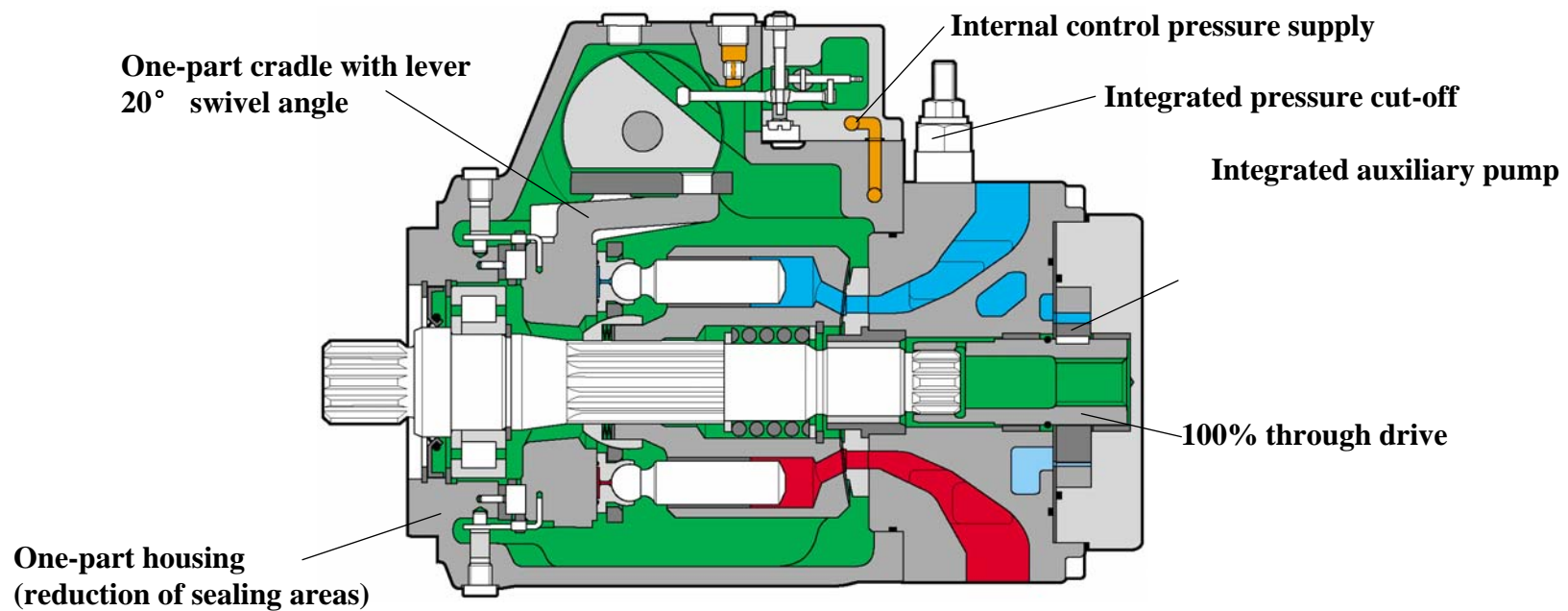


A4VG油泵

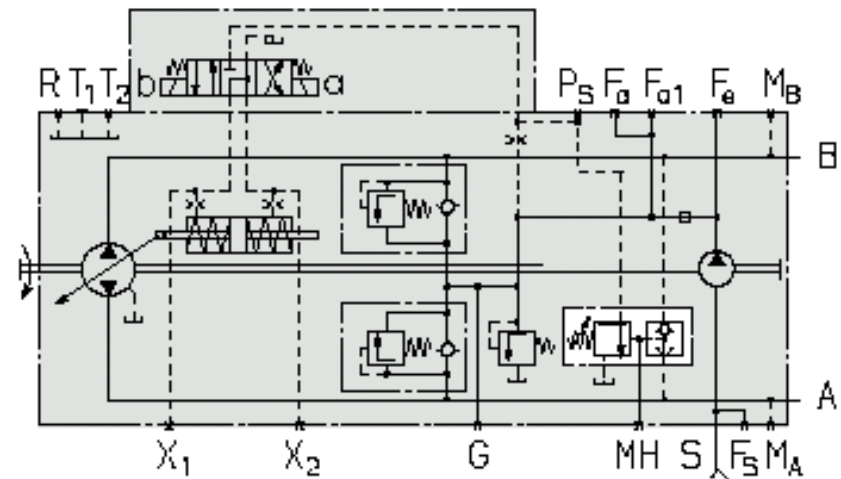
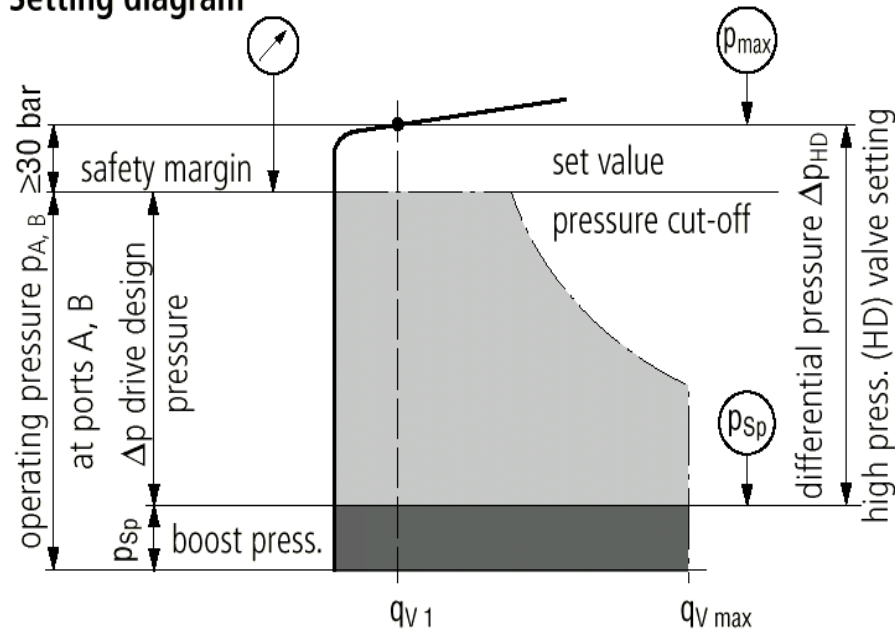


Sizes	28	40	56	71	90	125	180	250
Max RPM (at $v_{g \max}$)	4250	4000	3600	3050	3300	2850	2500	2400
Pressure range	400 / 450 bar							

A4VG油泵

Cut-off 压力切断阀的设定

Setting diagram

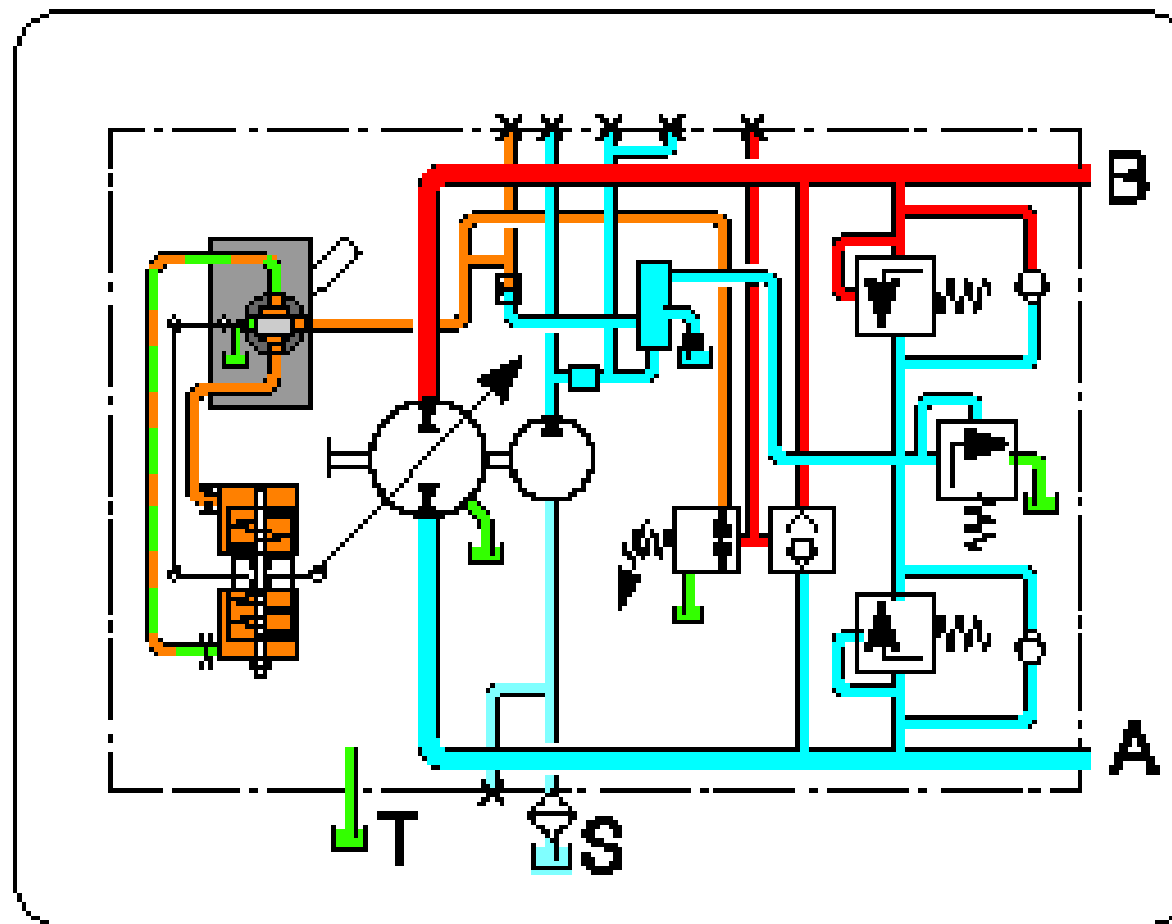


Note: valve setting is done at
 $n = 1000 \text{ min}^{-1}$ and $V_{g \max} (q_{V1})$

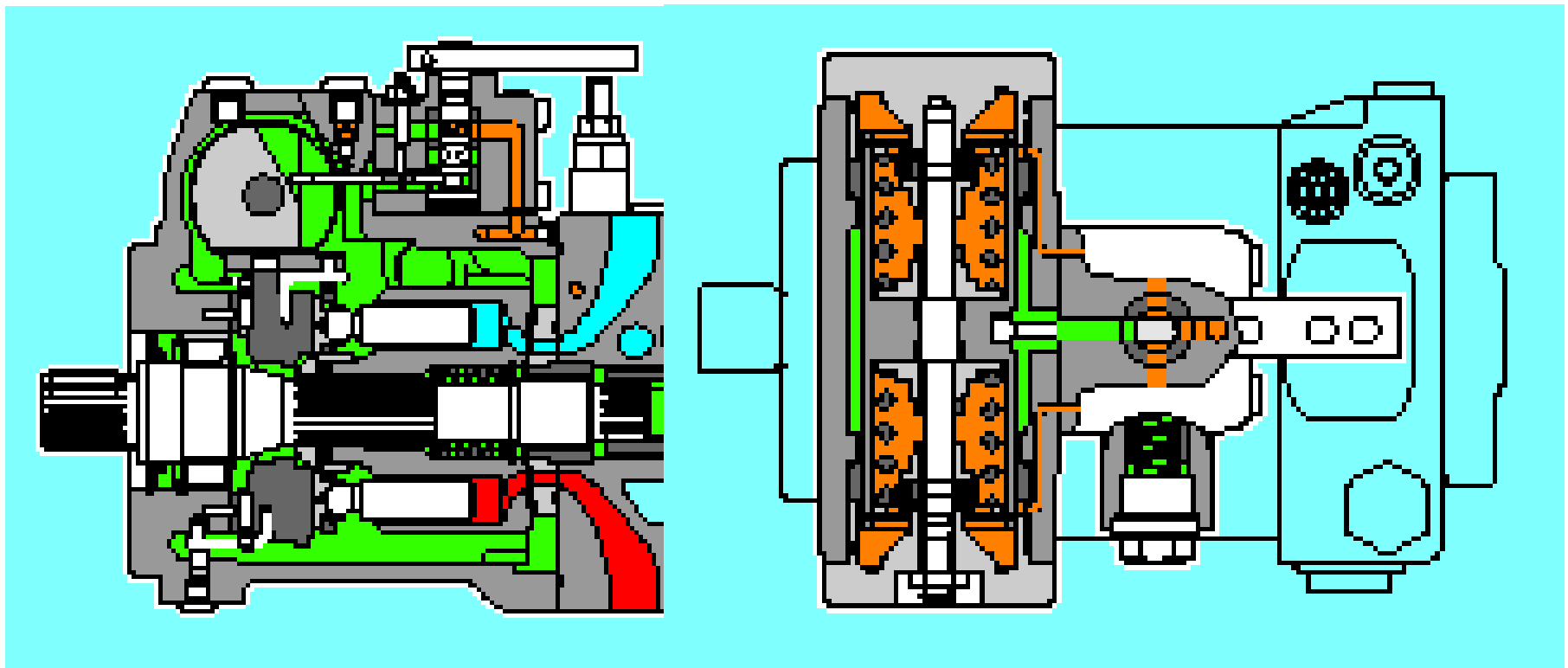
Example: boost pressure 20 bar; operating pressure 410 bar

$$\begin{aligned} \text{operating pres. } p_{A,B} - \text{boost pres. } p_{sp} + \text{safety margin} &= \text{differential pres. } \Delta p_{HD} \\ 410 \text{ bar} - 20 \text{ bar} + 30 \text{ bar} &= \mathbf{420 \text{ bar}} \end{aligned}$$

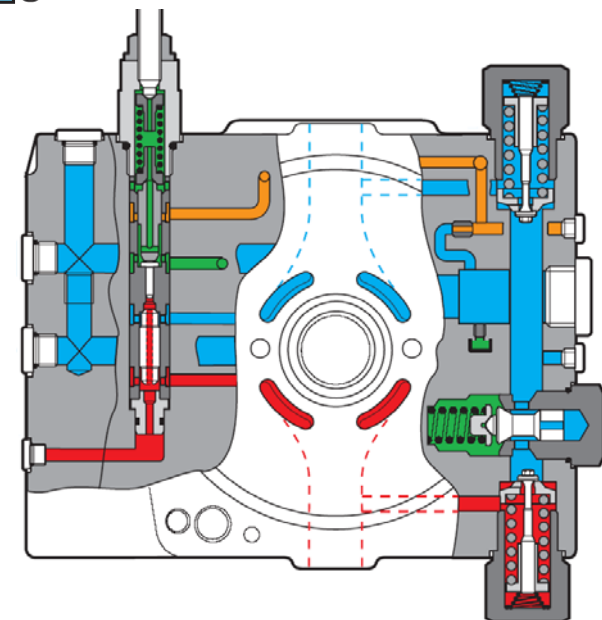
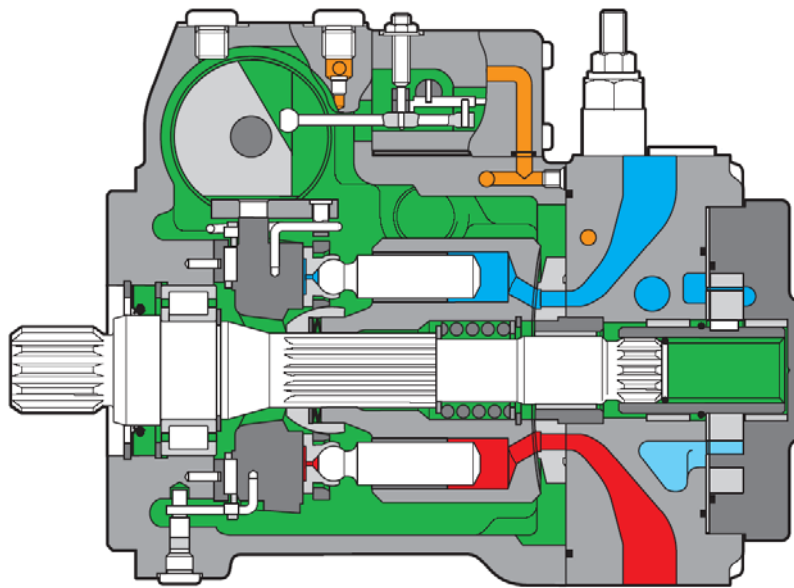
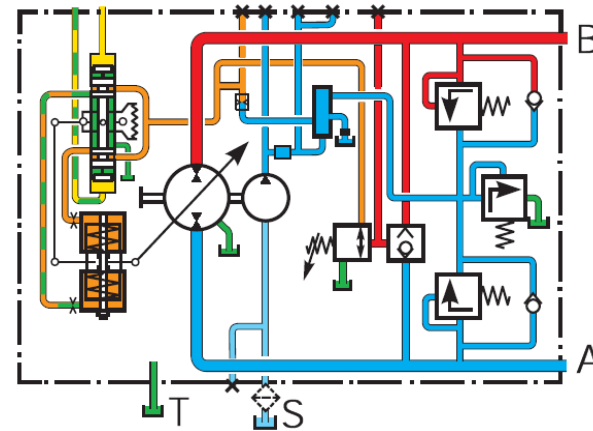
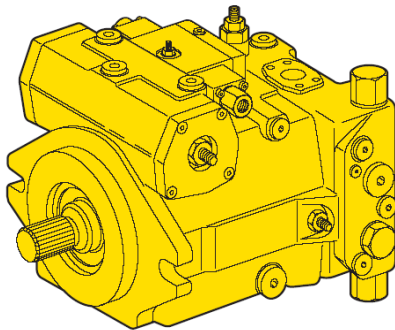
A4VGHW



A4VGHW



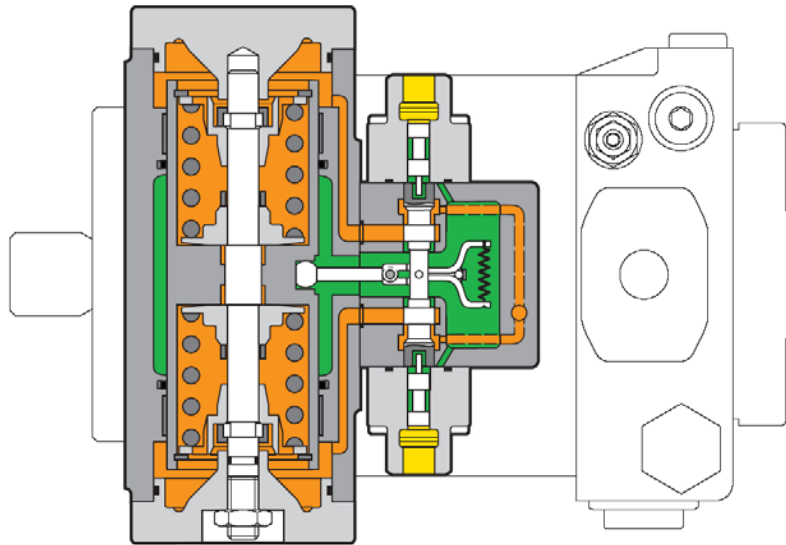
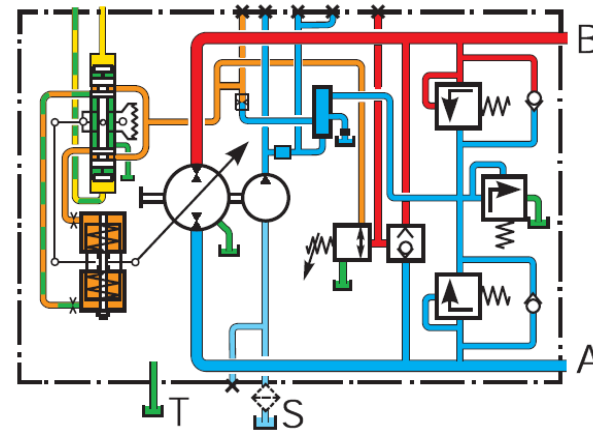
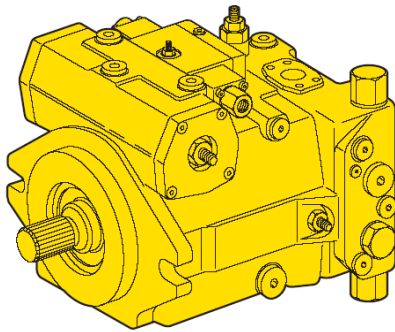
A4VG...HD Hydraulic displacement control



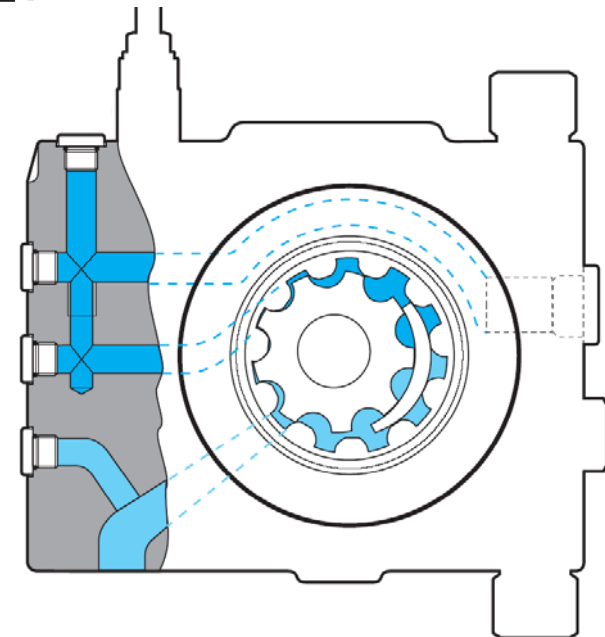
PPM

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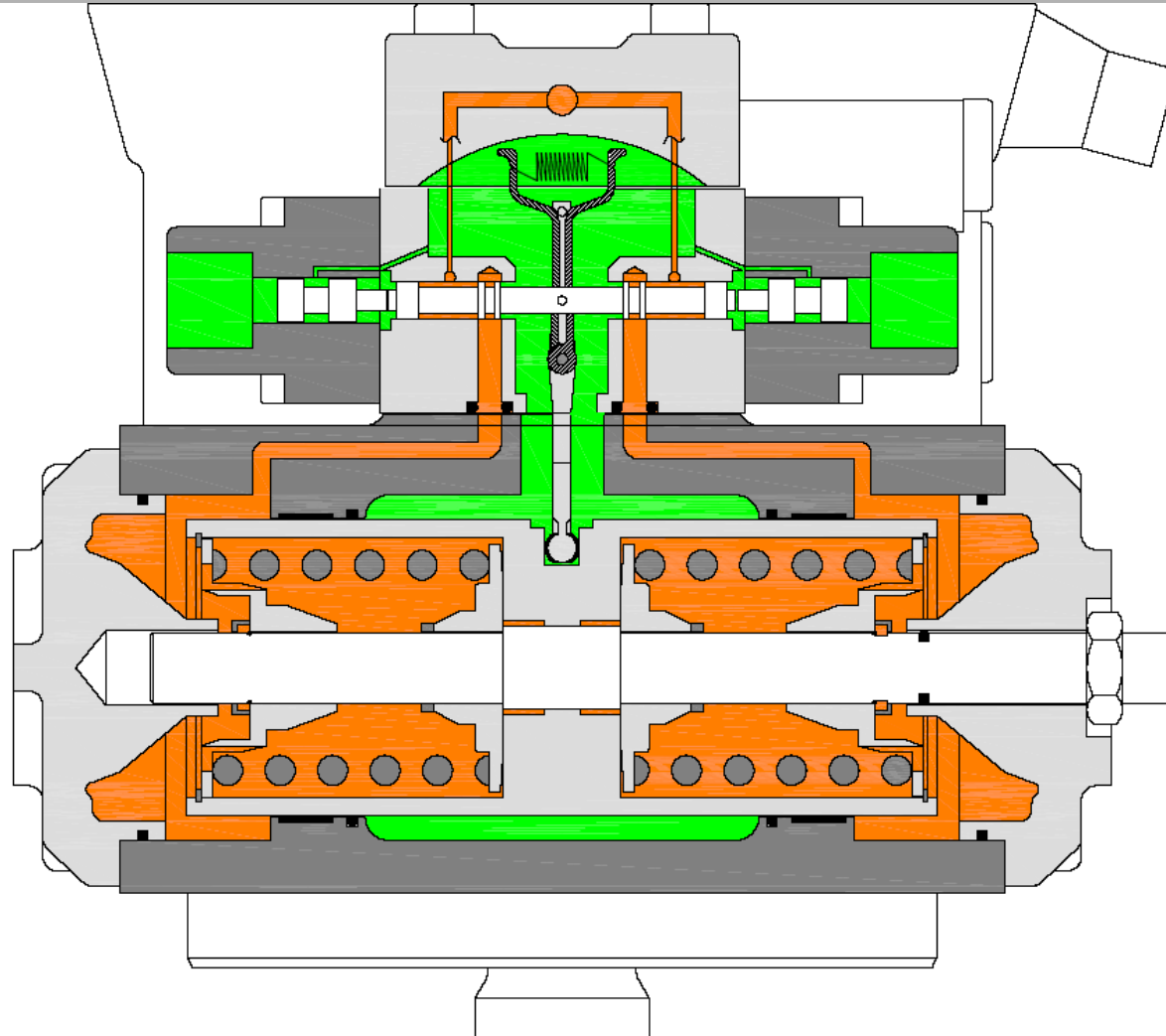
A4VG...HD Hydraulic displacement control



PPM



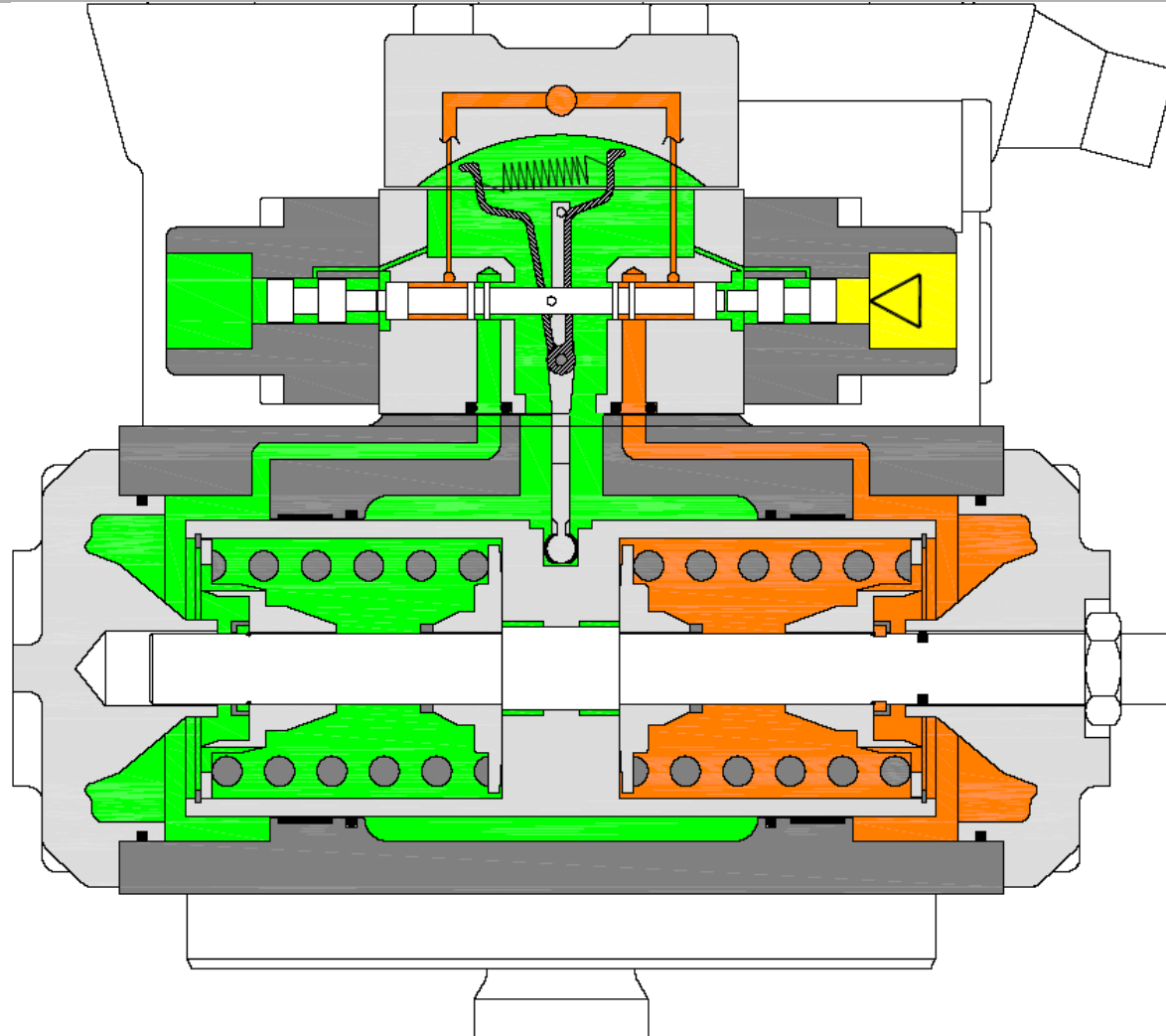
A4VG...HD Controller Function - Neutral



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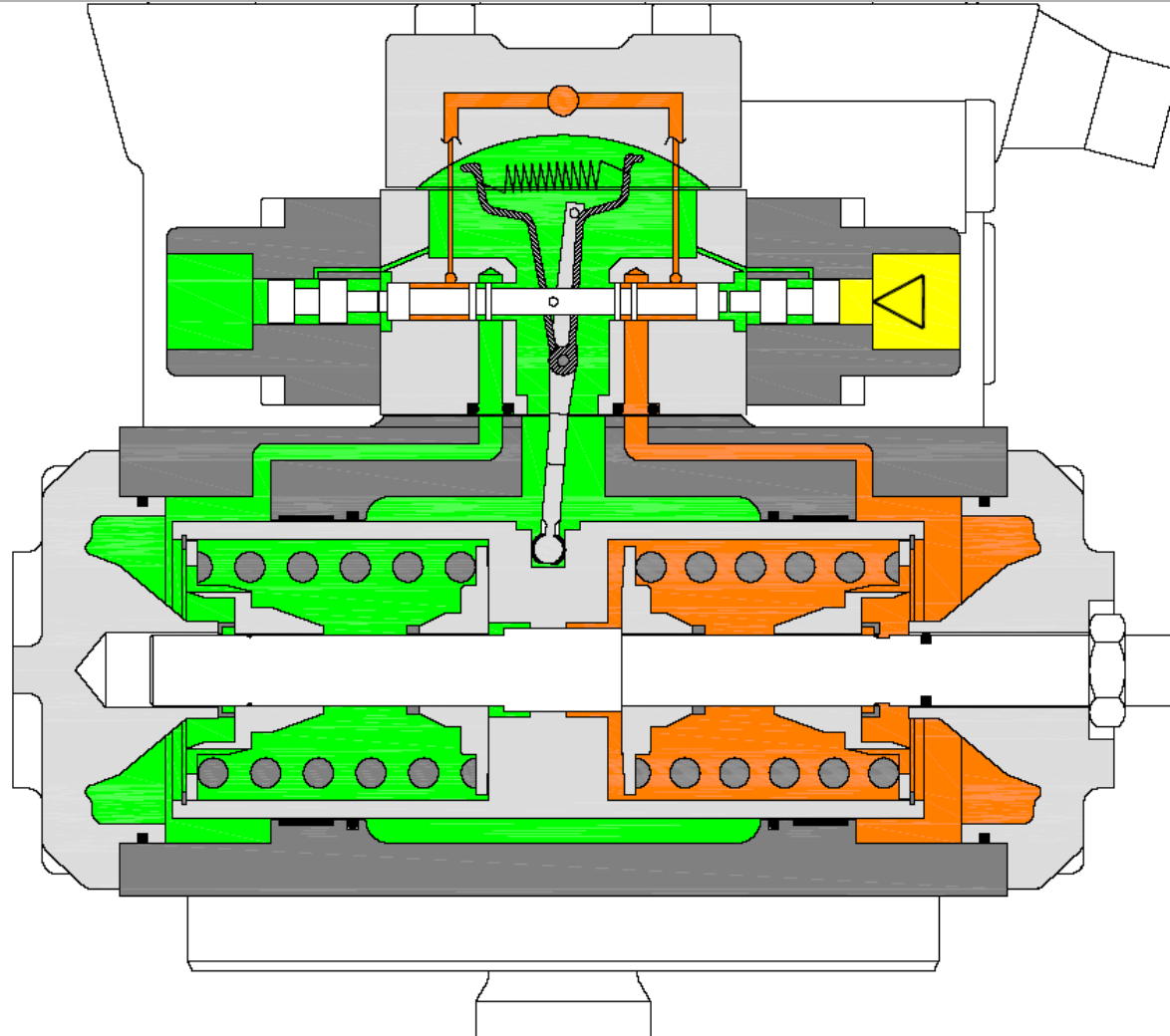
A4VG...HD Controller Function – Event 1



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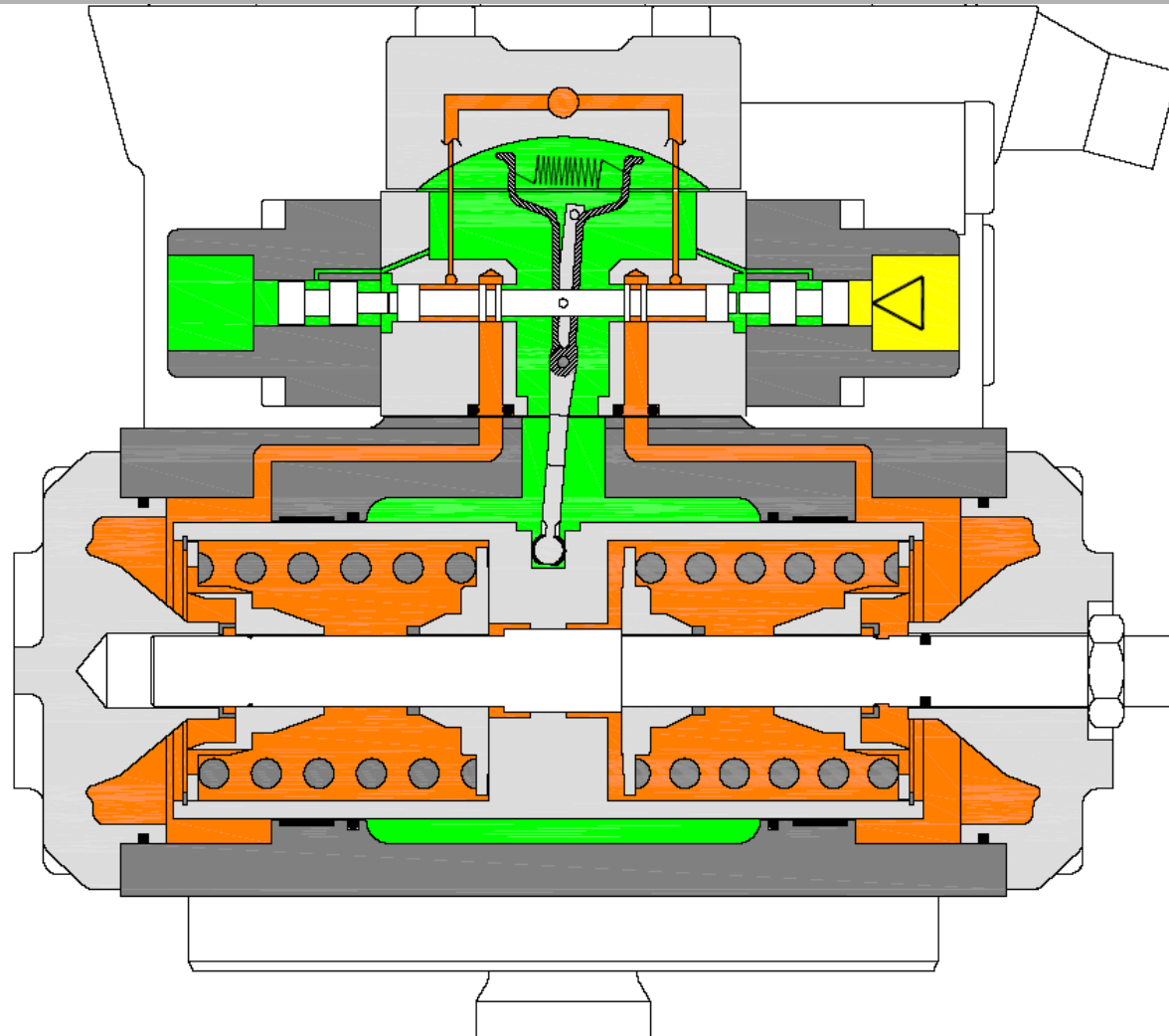
A4VG...HD Controller Function – Event 2



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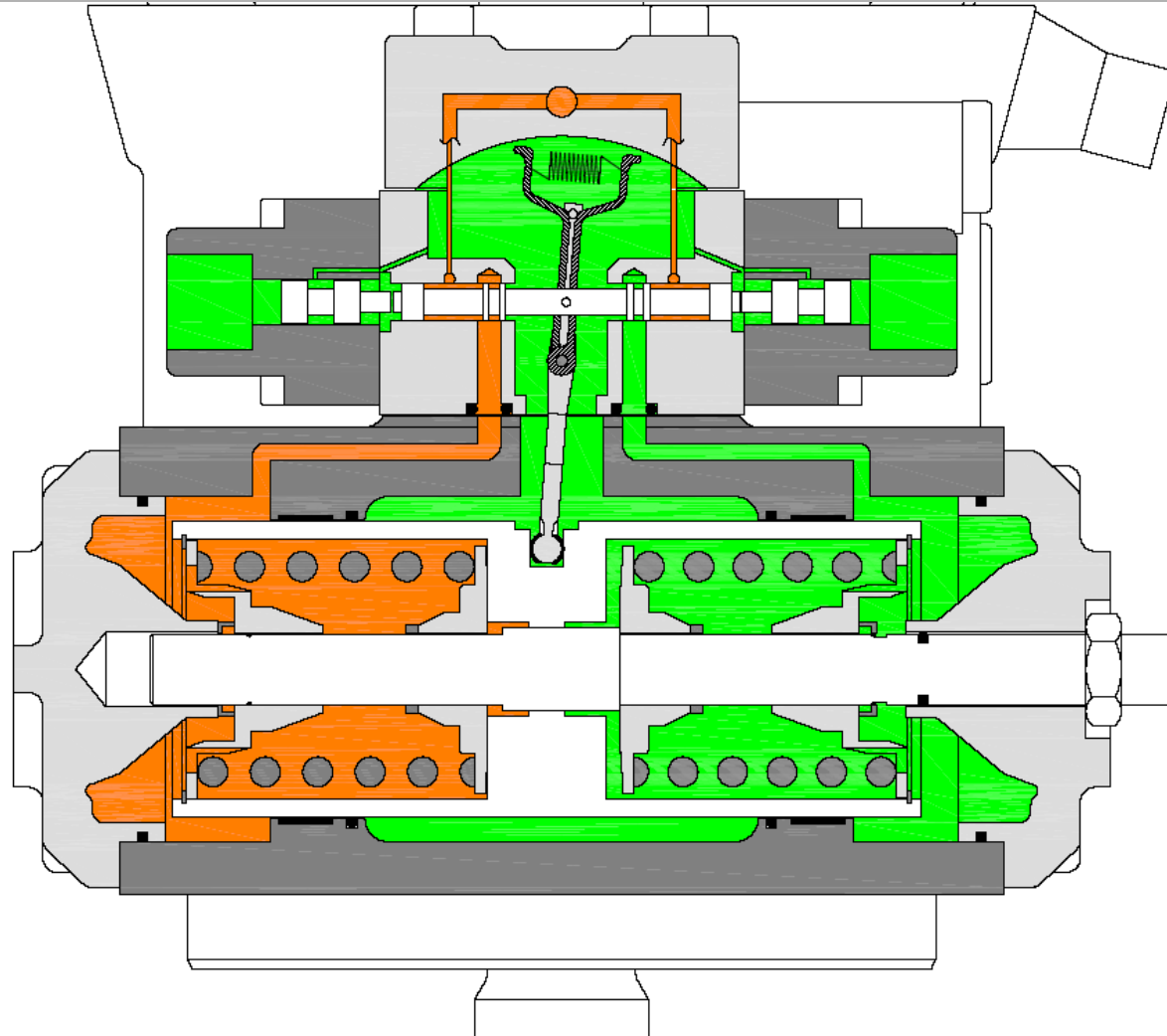
A4VG...HD Controller Function – Event 3



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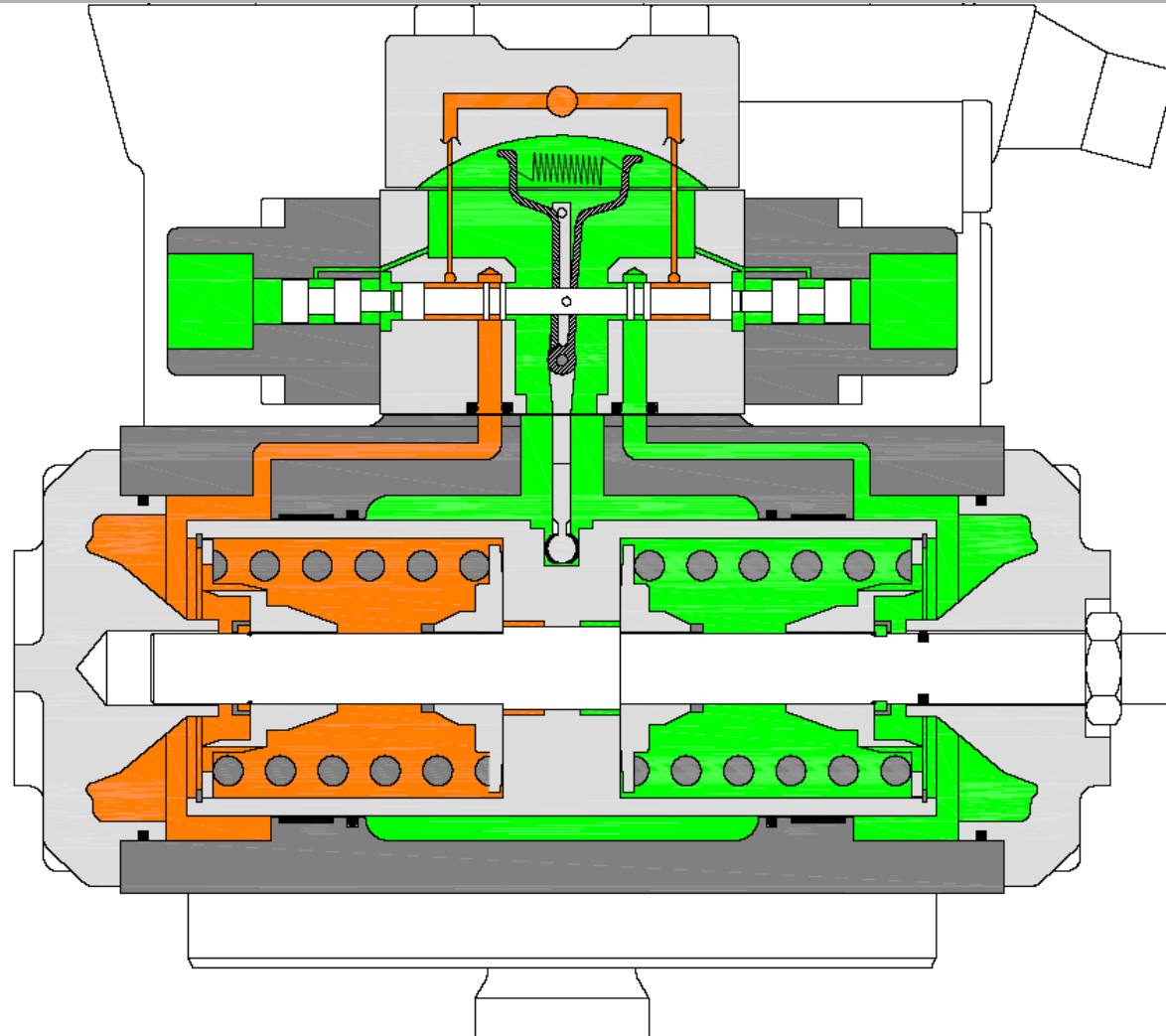
A4VG...HD Controller Function – Event 4



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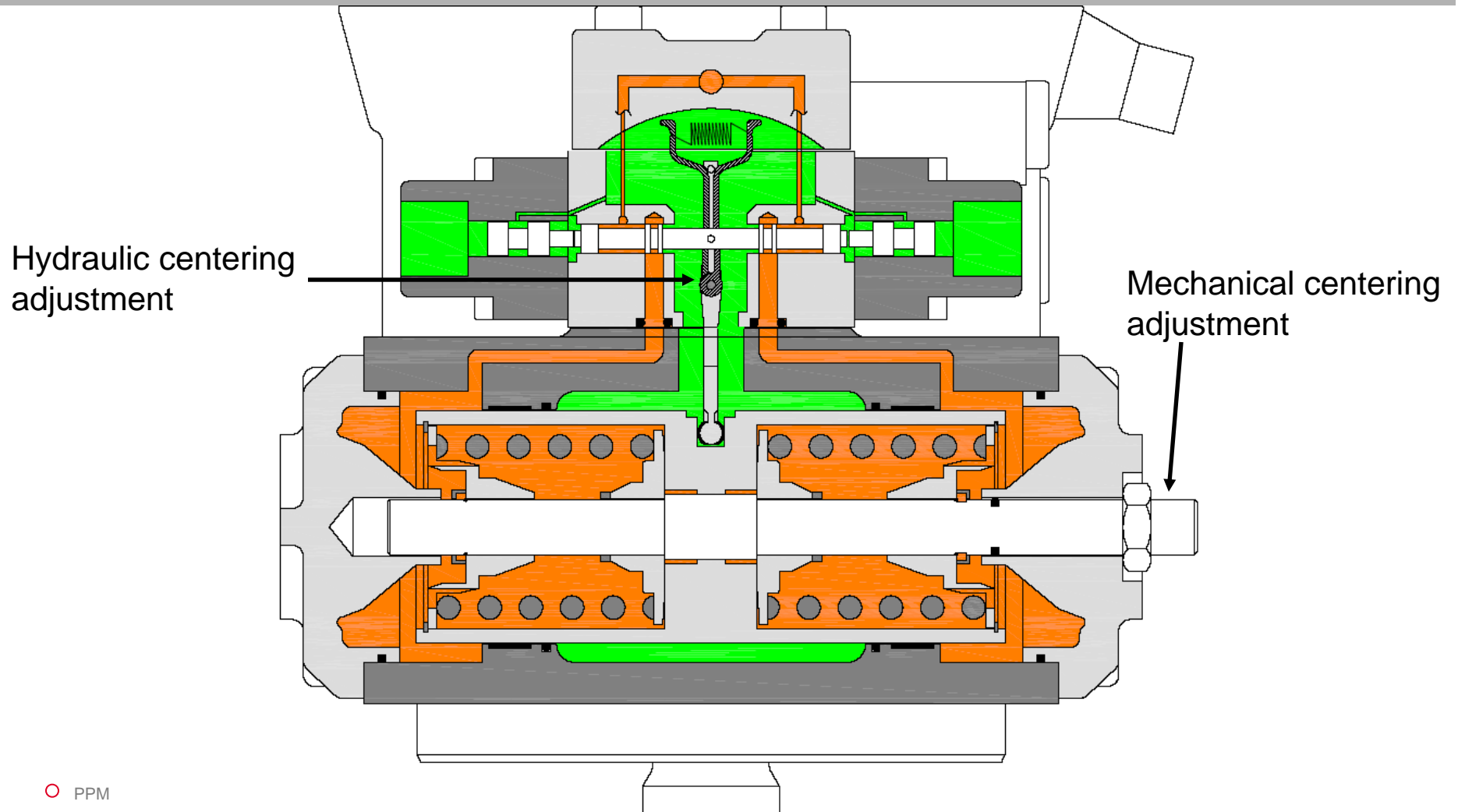
A4VG...HD Controller Function – Event 5



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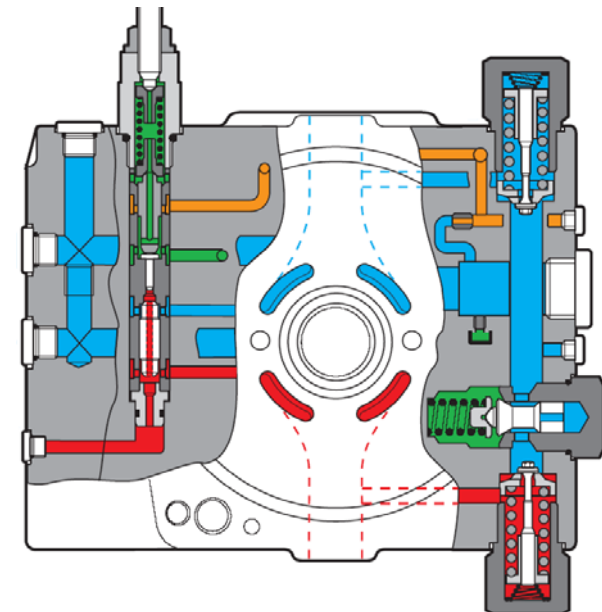
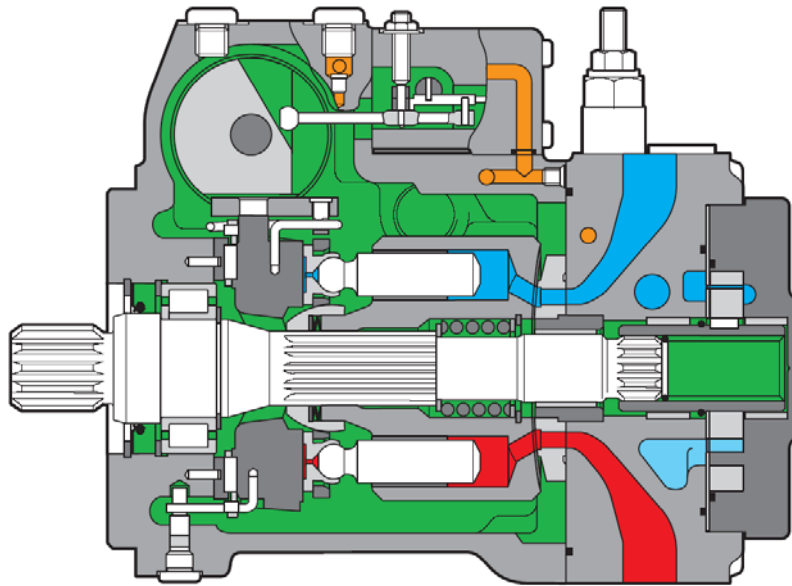
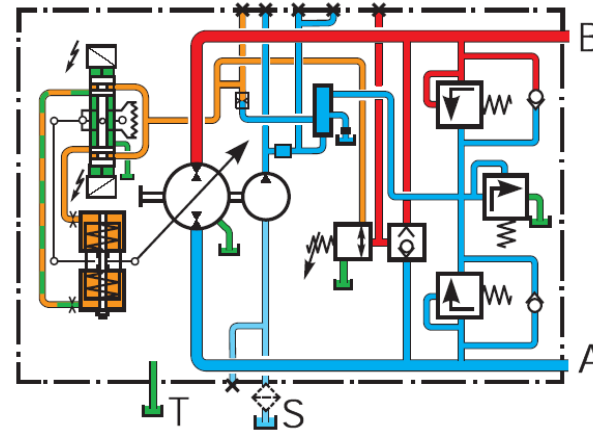
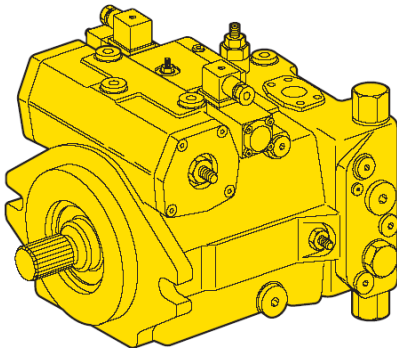
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A4VG...HD Controller Function - Neutral



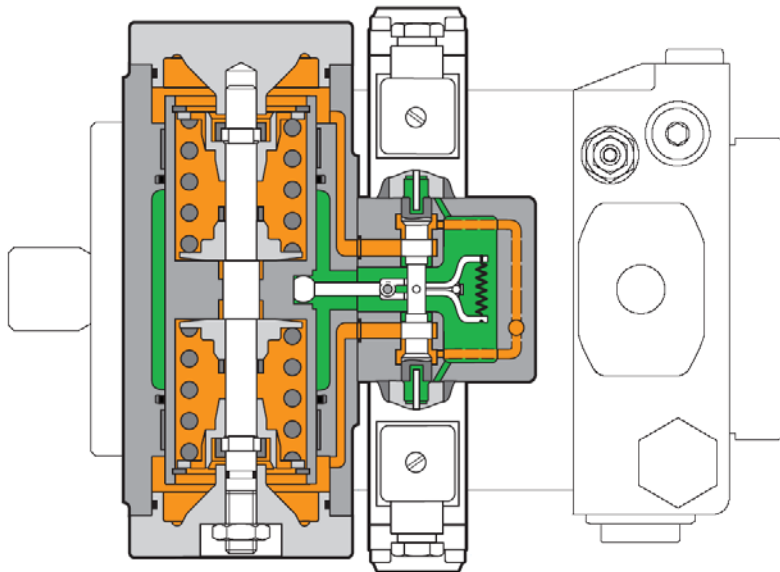
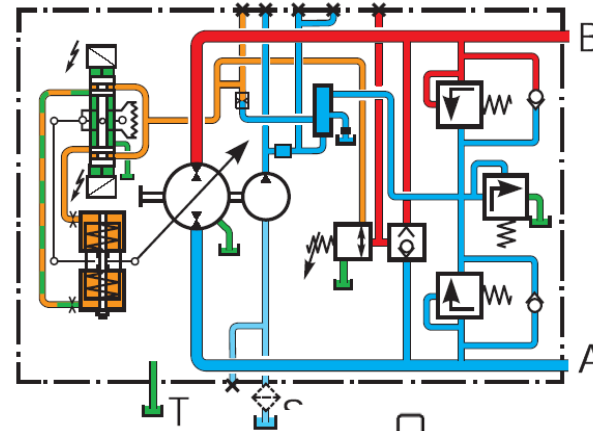
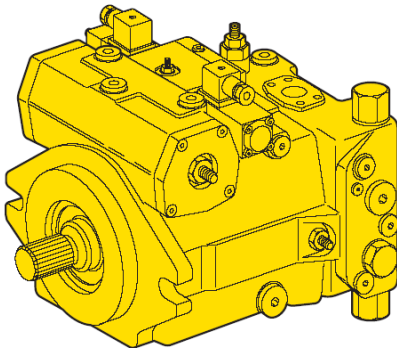
A4VG...EP

Electrical Proportional displacement control



PPM

A4VG...EP Electrical Proportional displacement control



PPM

