

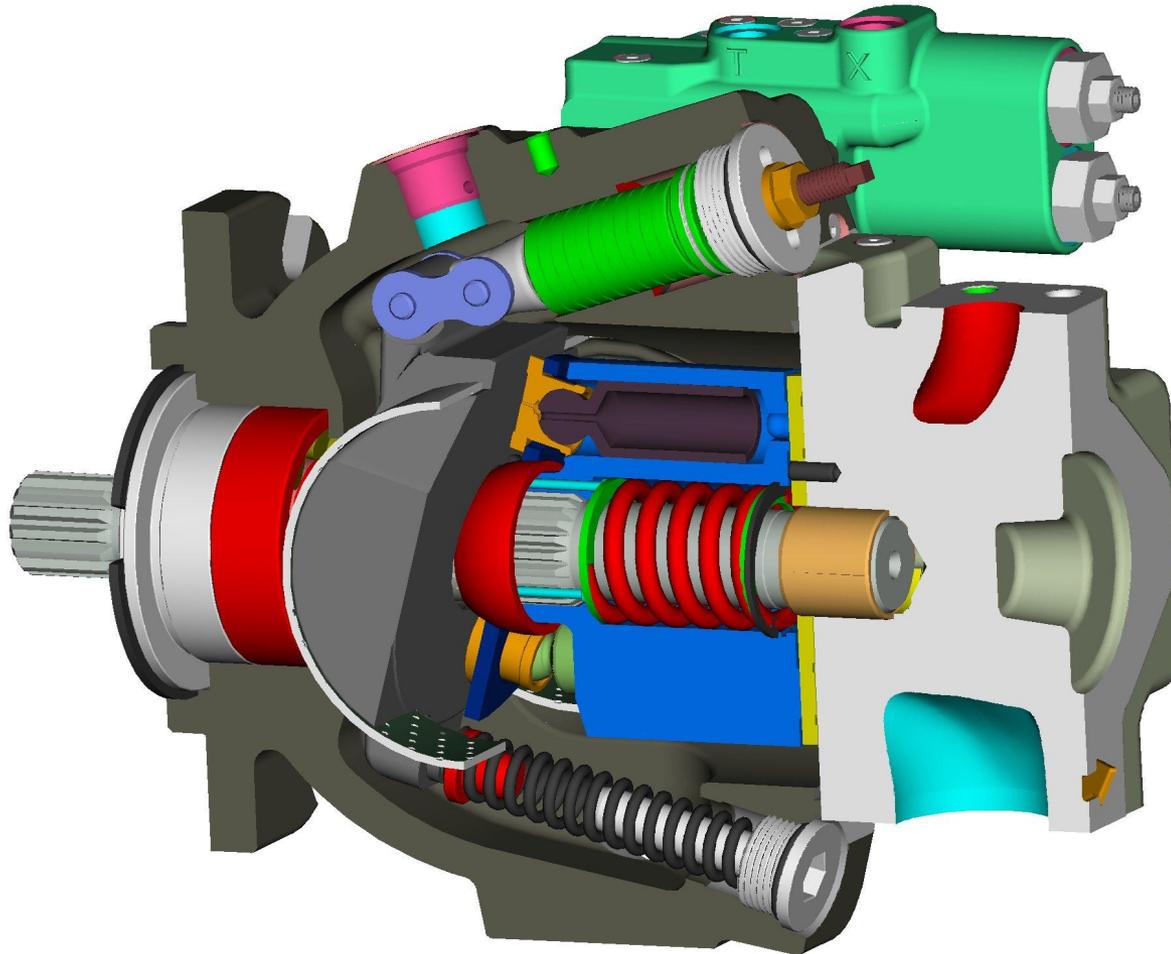
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***P2 and P3***  
***Our***  
***Variable Pump Line***  
***for Mobile Applications***

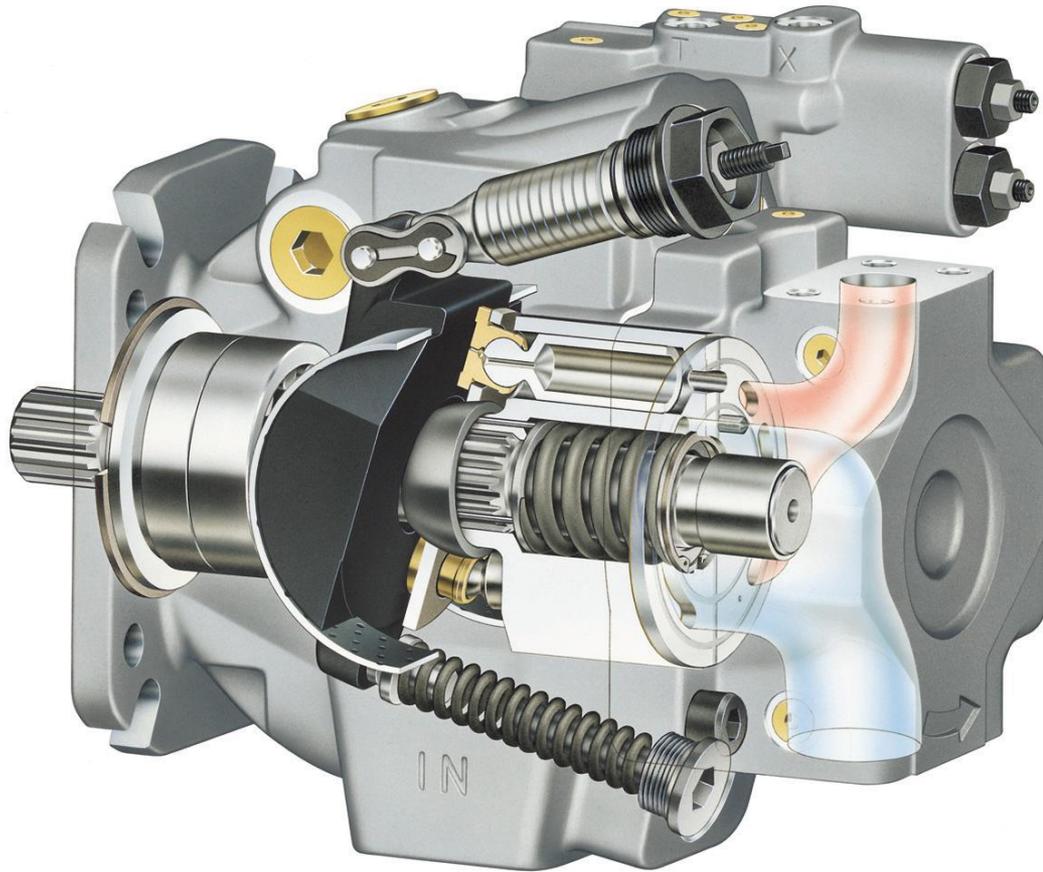


P2

**P2 Standard pump**



**P2**

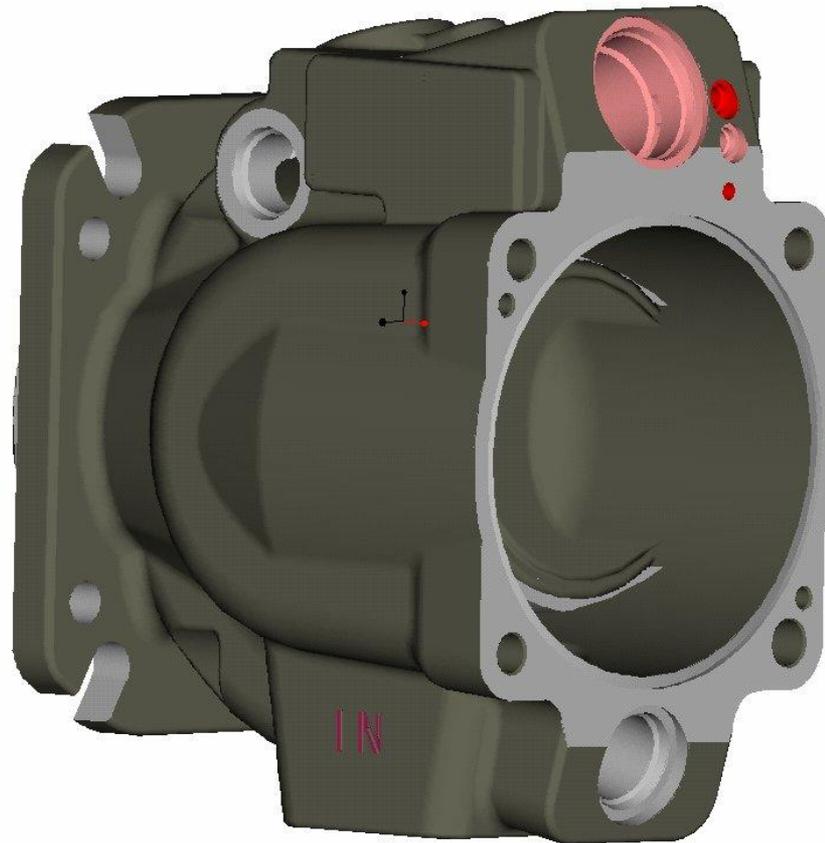


# P2 Pump Family

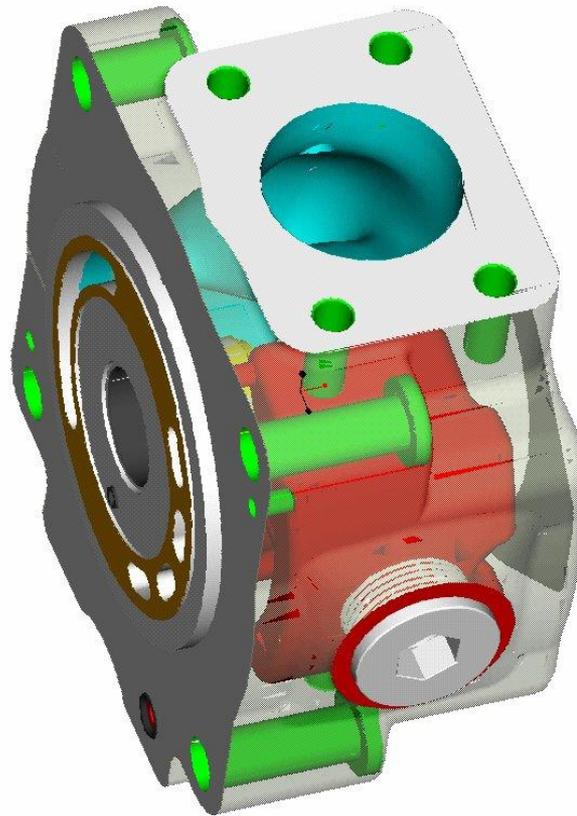


	60	75	105	145	
• <b><u>Displacement cc/rev</u></b>					
• <b><u>Pressure (bar) (cont./ peak)</u></b>		All sizes 320 / 370			
• <b><u>Self priming speed (rpm)</u></b>	2800	2500	2300	2200	
• <b><u>Noise Level (dB(A))</u></b> at 1800 rpm and 250 bar		< 74	< 76	< 78	< 80
• <b><u>Controls</u></b>					
<b>Load sensing</b> w. pressure cut off	Yes	Yes	Yes	Yes	
<b>Pressure/ flow / torque</b>	Yes	Yes	Yes	Yes	
<b>Pressure/ flow / torque / summation</b>		Yes	Yes	Yes	Yes
<b>Electronic flow control</b>		Planned			
• <b><u>β10 lifetime @ max. flow and pressure</u></b>		5000 h @ max ratings			
• <b><u>Flange</u></b>	Standard	SAE C-4	SAE C-2/4	SAE C-2/4	SAE D-4
Optional	SAE B-2			SAE C-2	
• <b><u>Shafts (all SAE spline)</u></b>	Standard	C	C	C	D
Optional	B-B	C-C	D	C	
Optional	B				
• <b><u>Through shaft</u></b> at full torque		Yes	Yes	Yes	Yes
• <b><u>Rear ports</u></b>	Yes	Yes			

## Noise - Air borne



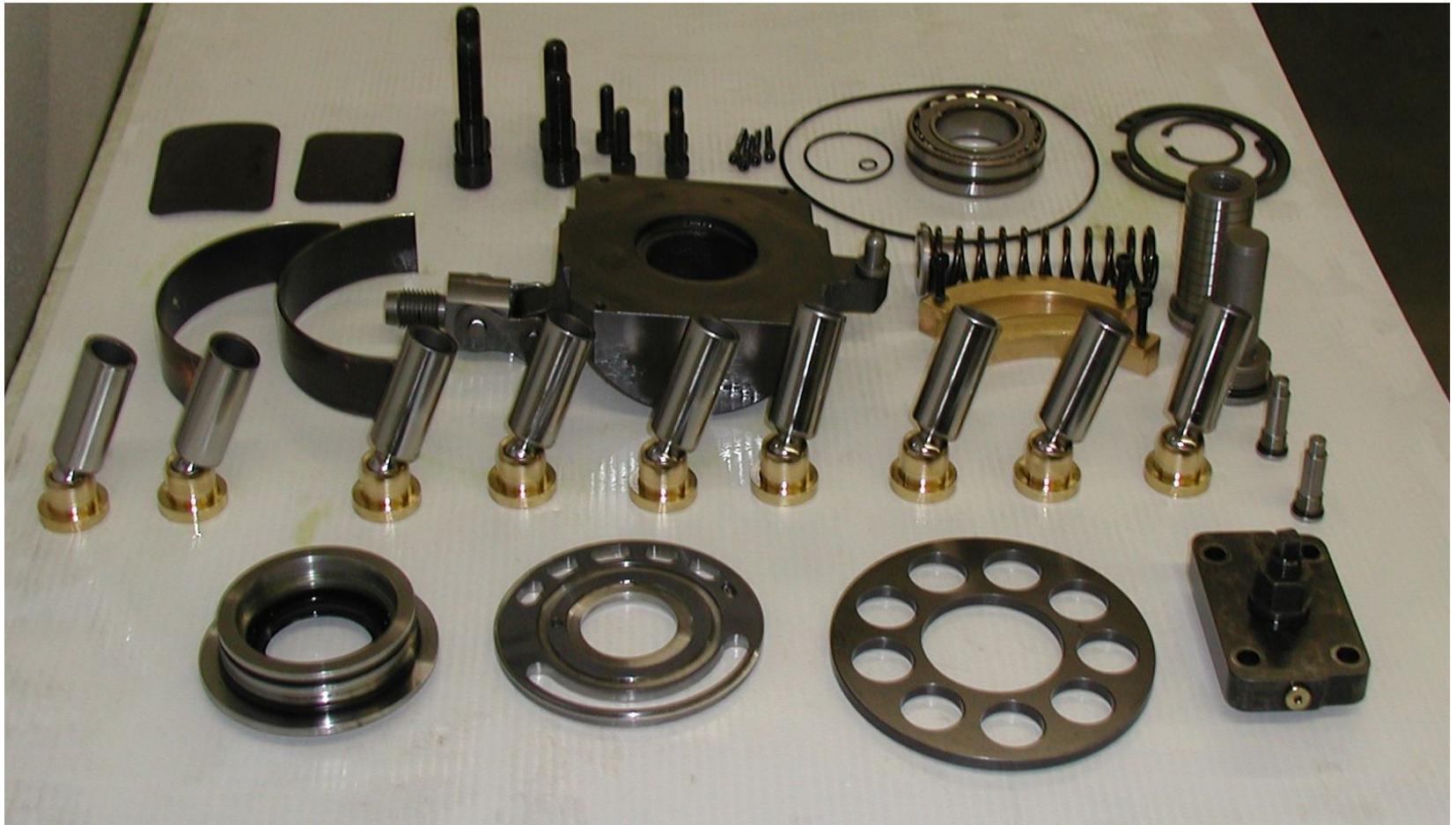
## Noise - Hydraulic



## *Parts produced in house*

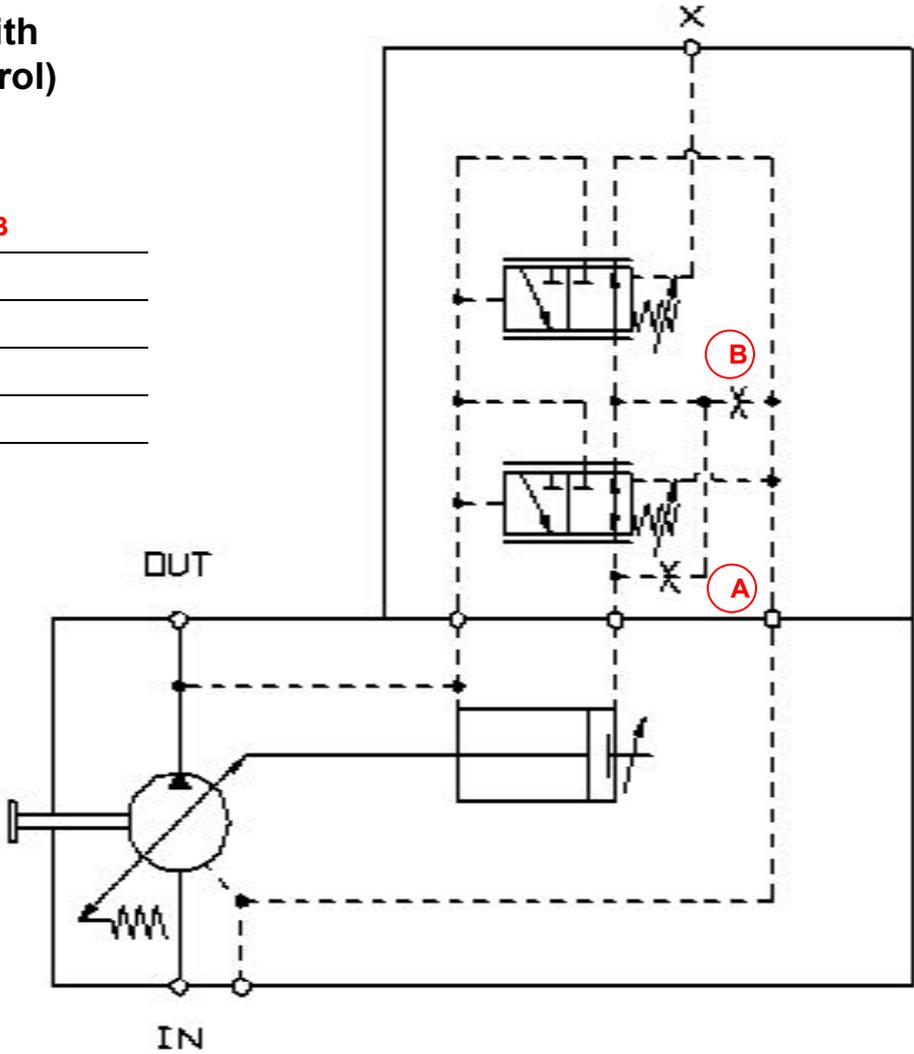


## *Parts from sub contractors*



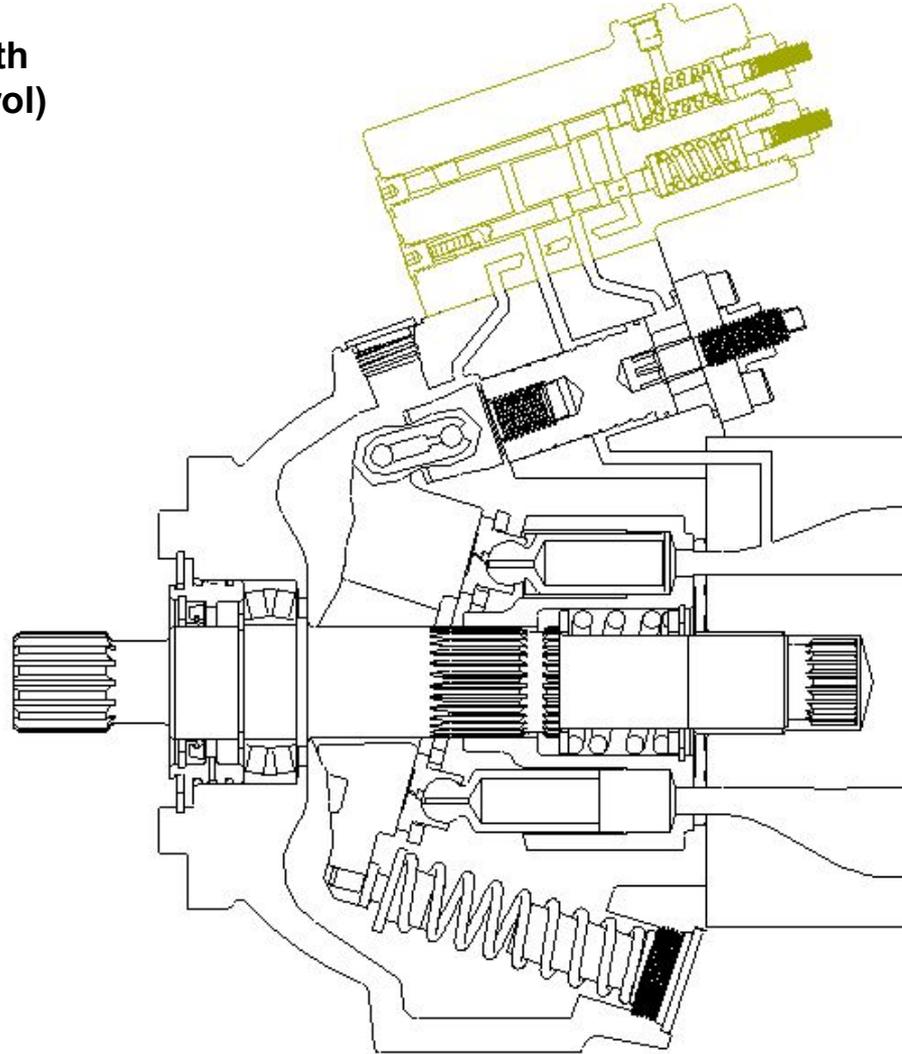
## P2 - LA (Load Sensing with Maximum Pressure Control)

Orifice diameter (mm)		
Displacement	A	B
60 cc	0,8	0,8
75 cc	0,8	0,8
105 cc	0,8	0,8
145 cc	0,8	0,8

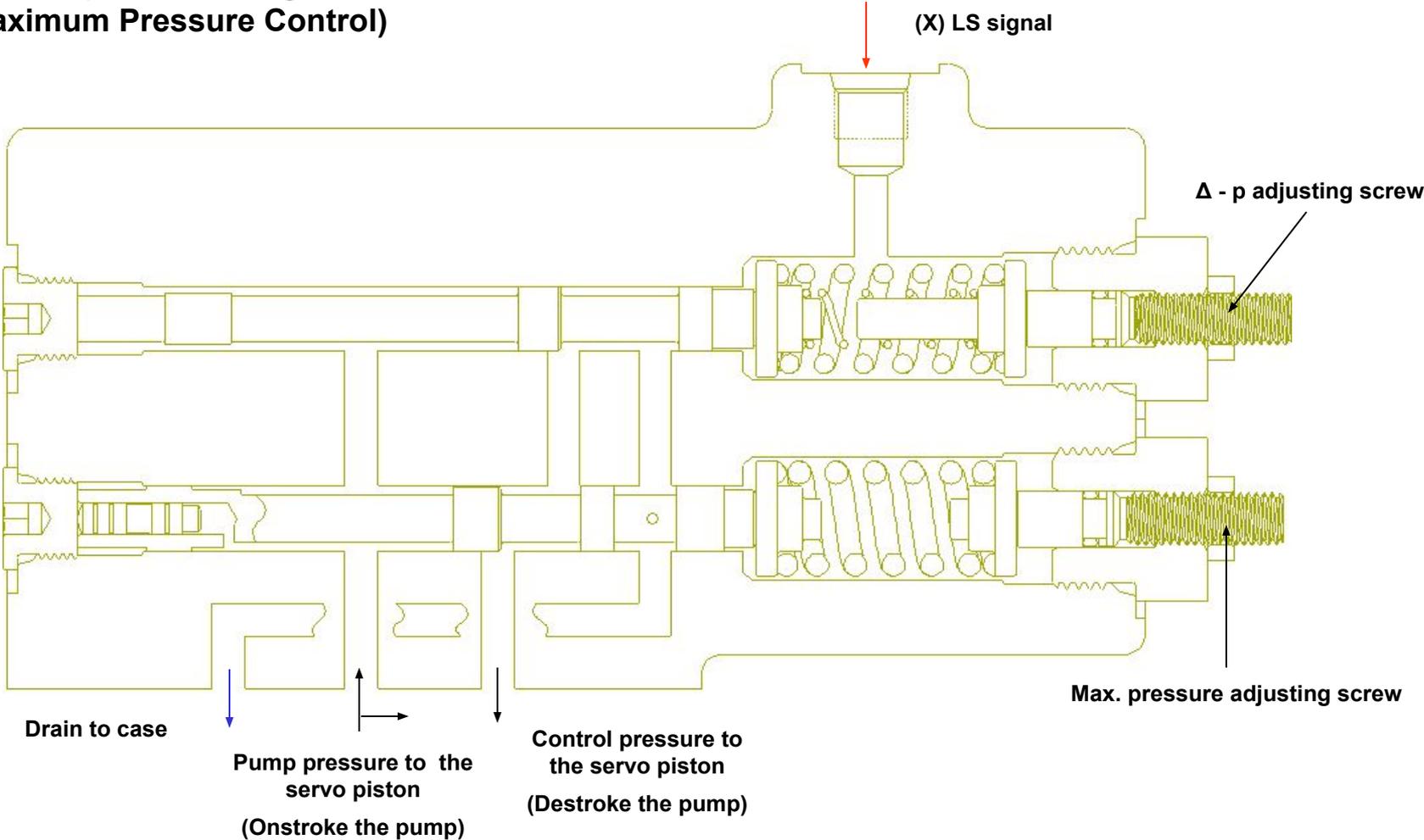


# P2/P3 Presentation/ Controls

**P2 - LA (Load Sensing with  
Maximum Pressure Control)**

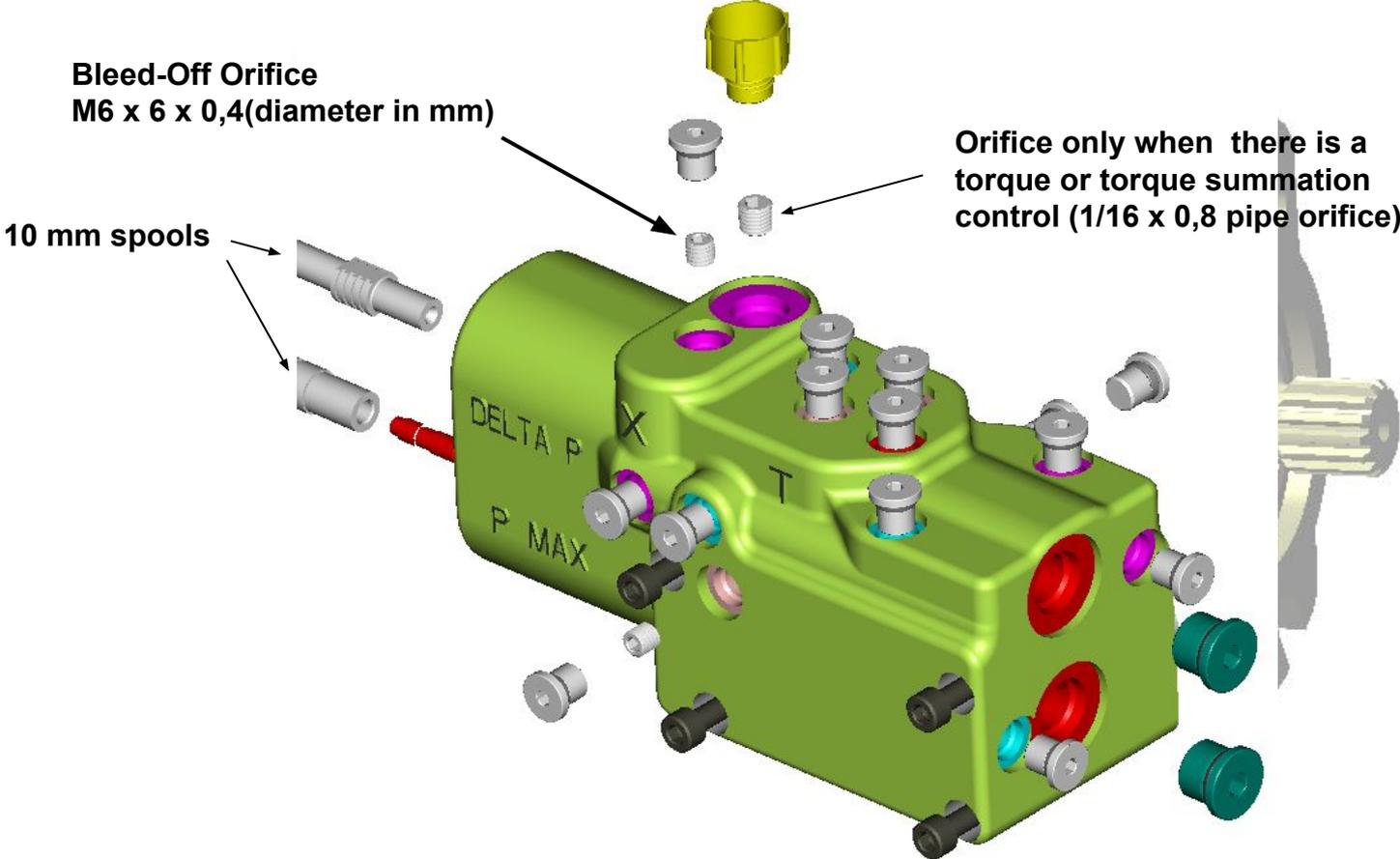


## P2 - LA (Load Sensing with Maximum Pressure Control)



## Location of orifices

P2/P3 - 075, -105, - 145



# P2 TA, TC controls

P2 TA ( 20%-60%)

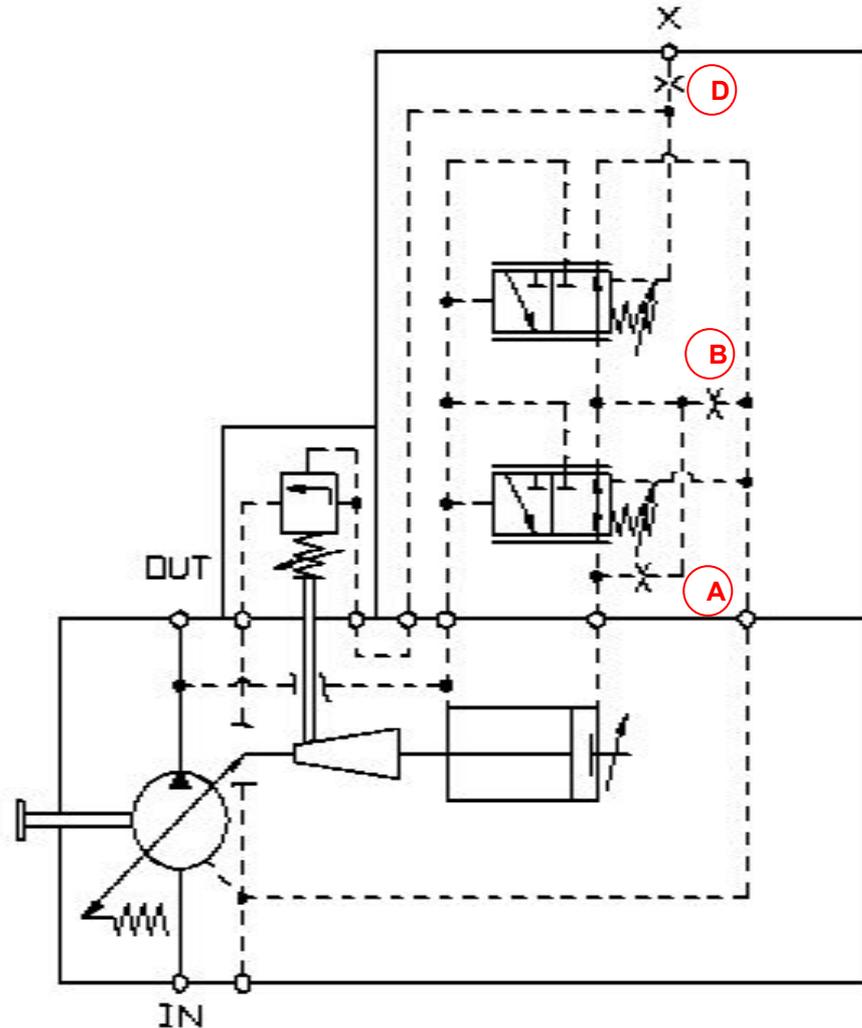
P2 TC ( 50%-90%)

Torque

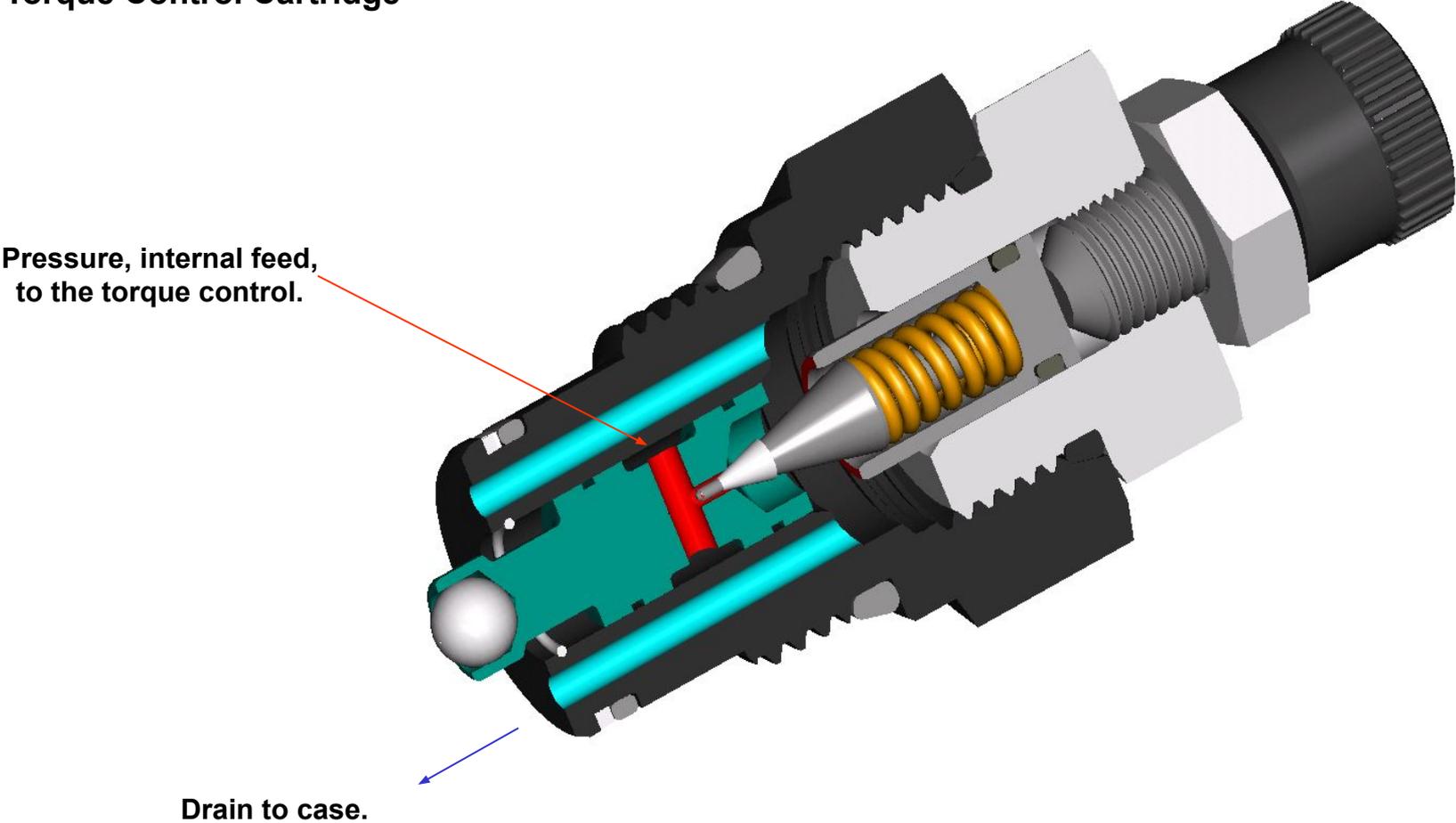
Load Sensing and

Maximum Pressure Control

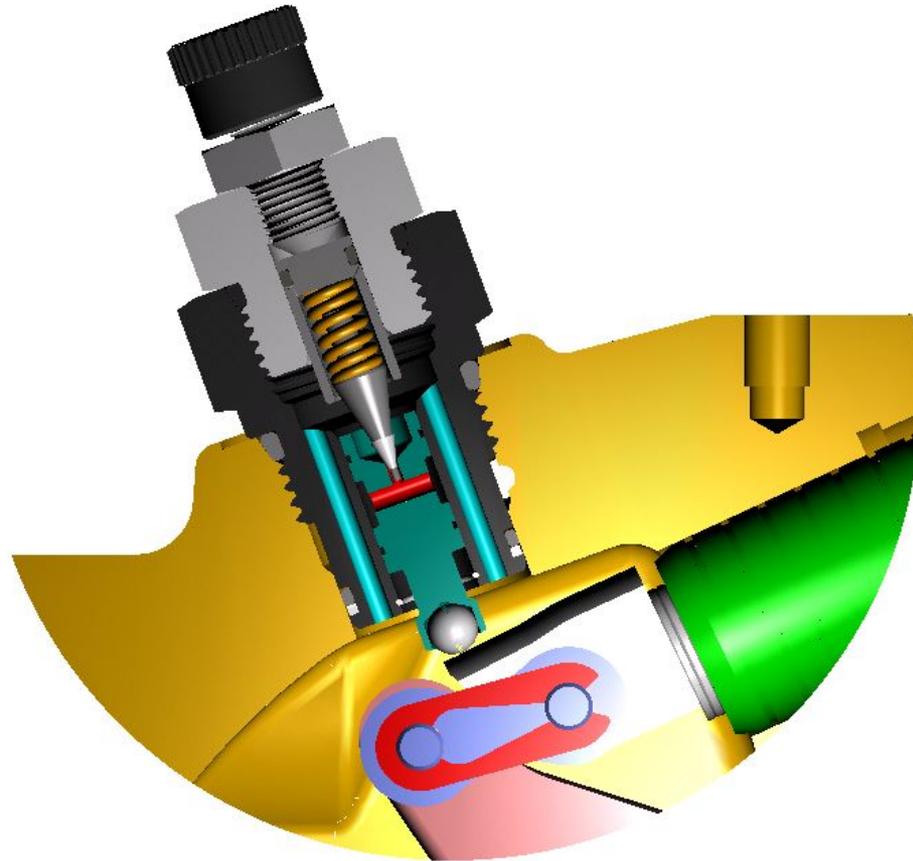
Displacement	Orifice diameter (mm)		
	A	B	D
60 cc	0,8	0,8	0,8
75 cc	0,8	0,8	0,8
105 cc	0,8	0,8	0,8
145 cc	0,8	0,8	0,8



**Torque Control Cartridge**



**Torque Control Cartridge**



# P2/P3 - Flexibility



LA	A	65	P2-075-0806-01N	I	COMPENSATOR ASS'Y
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TC	A	65	P2-075-0806-11N	I	COMPENSATOR ASSY
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