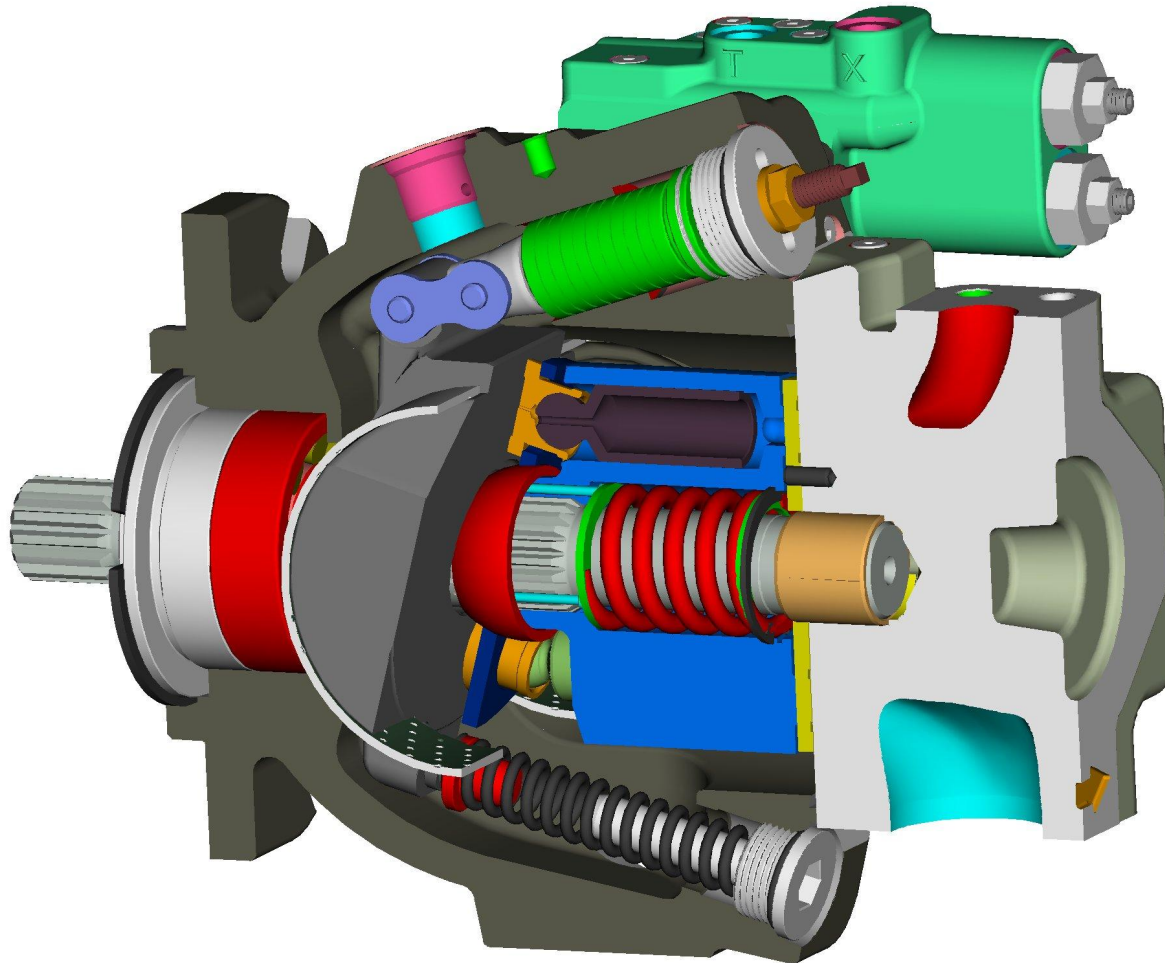

P2 and P3
Our
Variable Pump Line
for Mobile Applications

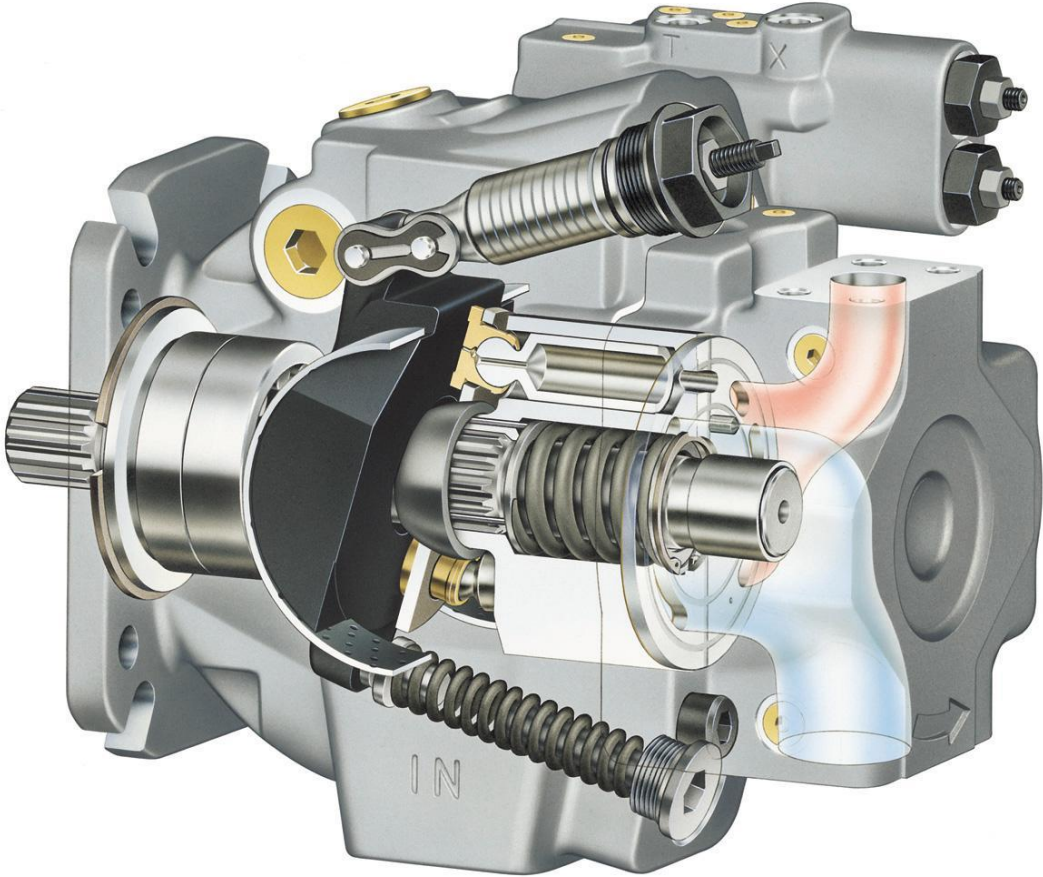


P2

P2 Standard pump



P2

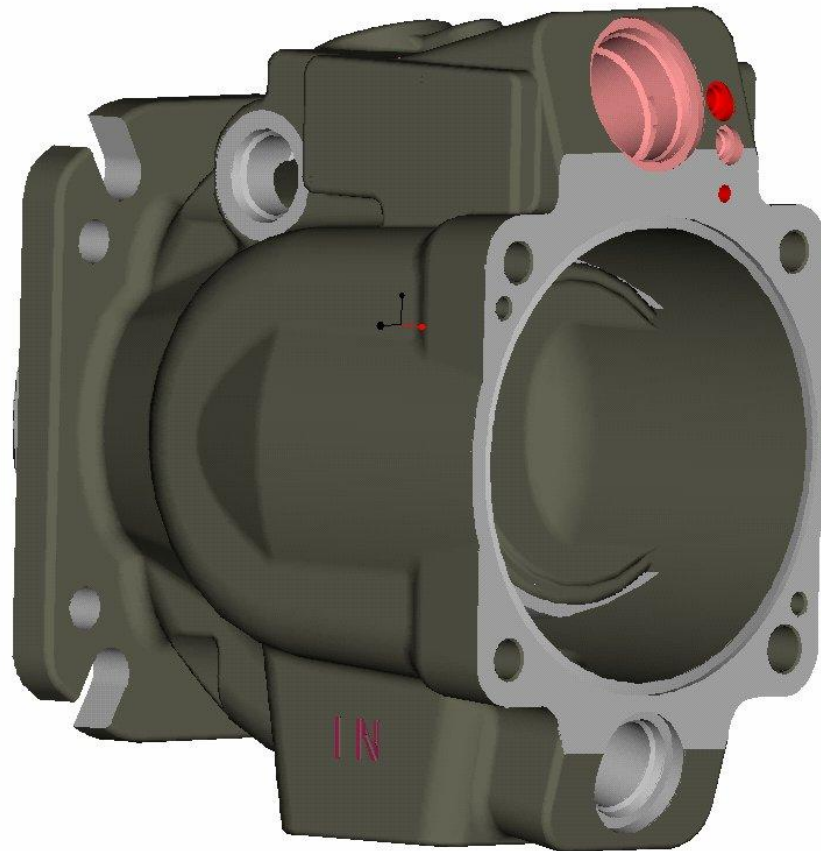


P2 Pump Family

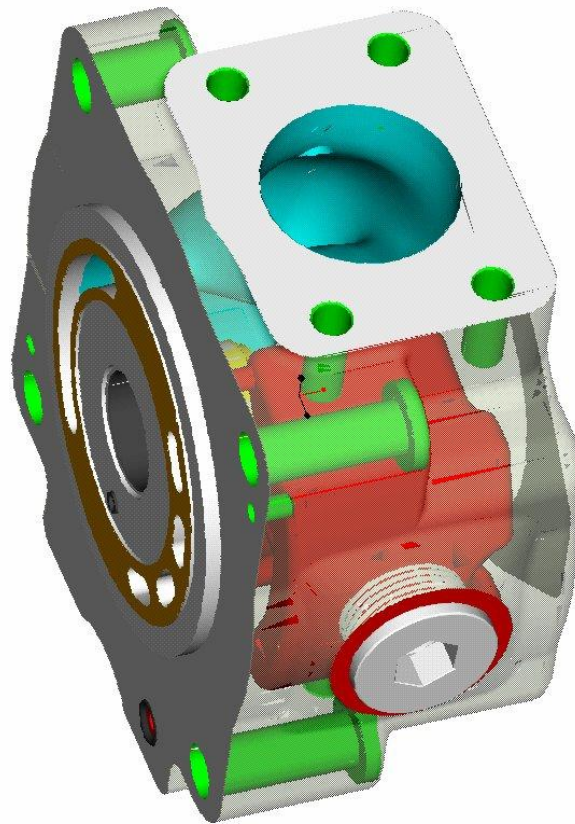


	60	75	105	145	
• <u>Displacement cc/rev</u>					
• <u>Pressure (bar) (cont./ peak)</u>		All sizes 320 / 370			
• <u>Self priming speed (rpm)</u>	2800	2500	2300	2200	
• <u>Noise Level (dB(A))</u> at 1800 rpm and 250 bar		< 74	< 76	< 78	< 80
• <u>Controls</u>					
Load sensing w. pressure cut off	Yes	Yes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

Noise - Air borne



Noise - Hydraulic



Parts produced in house

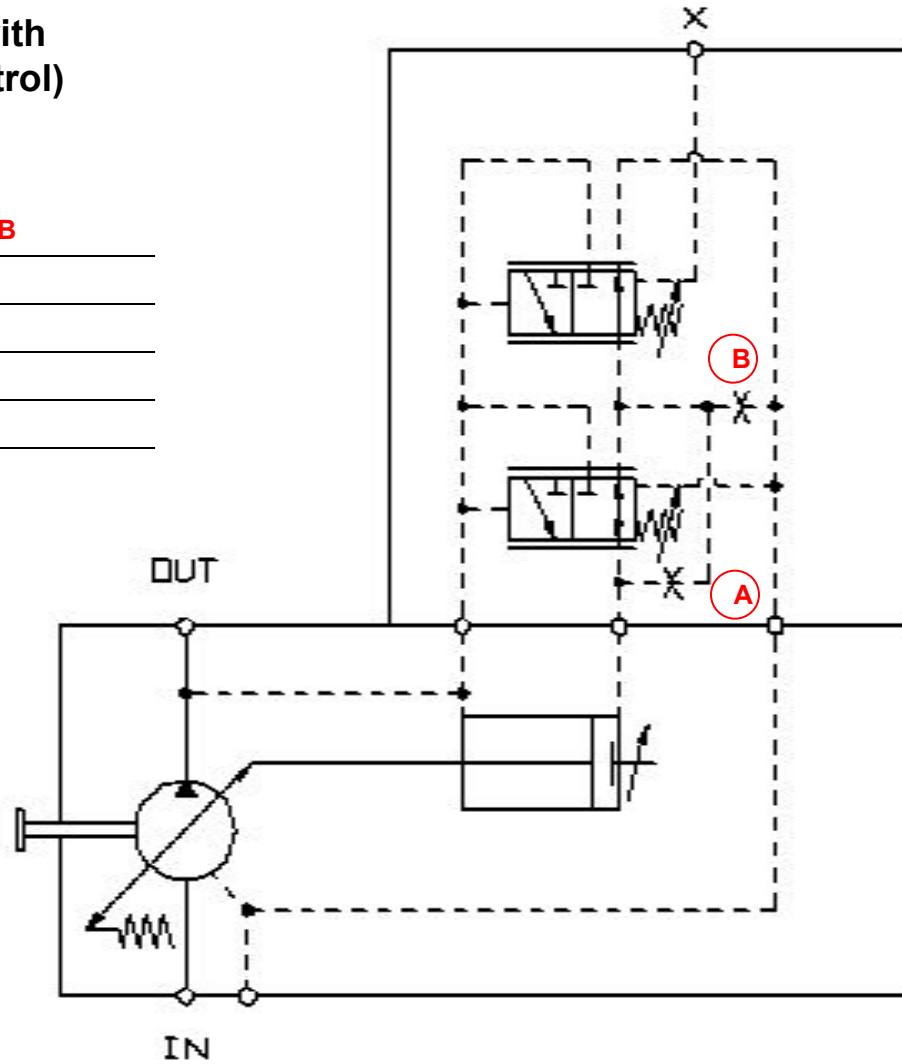


Parts from sub contractors



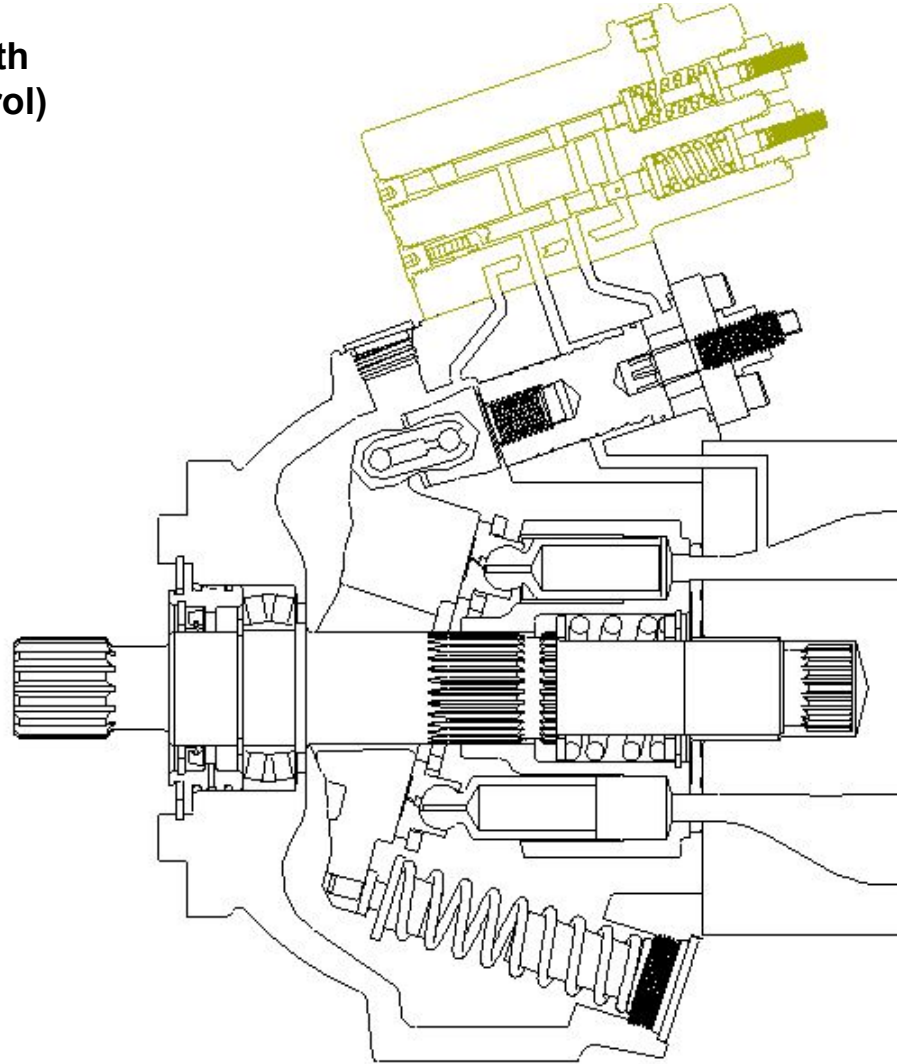
P2 - LA (Load Sensing with Maximum Pressure Control)

Displacement	Orifice diameter (mm)	
	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

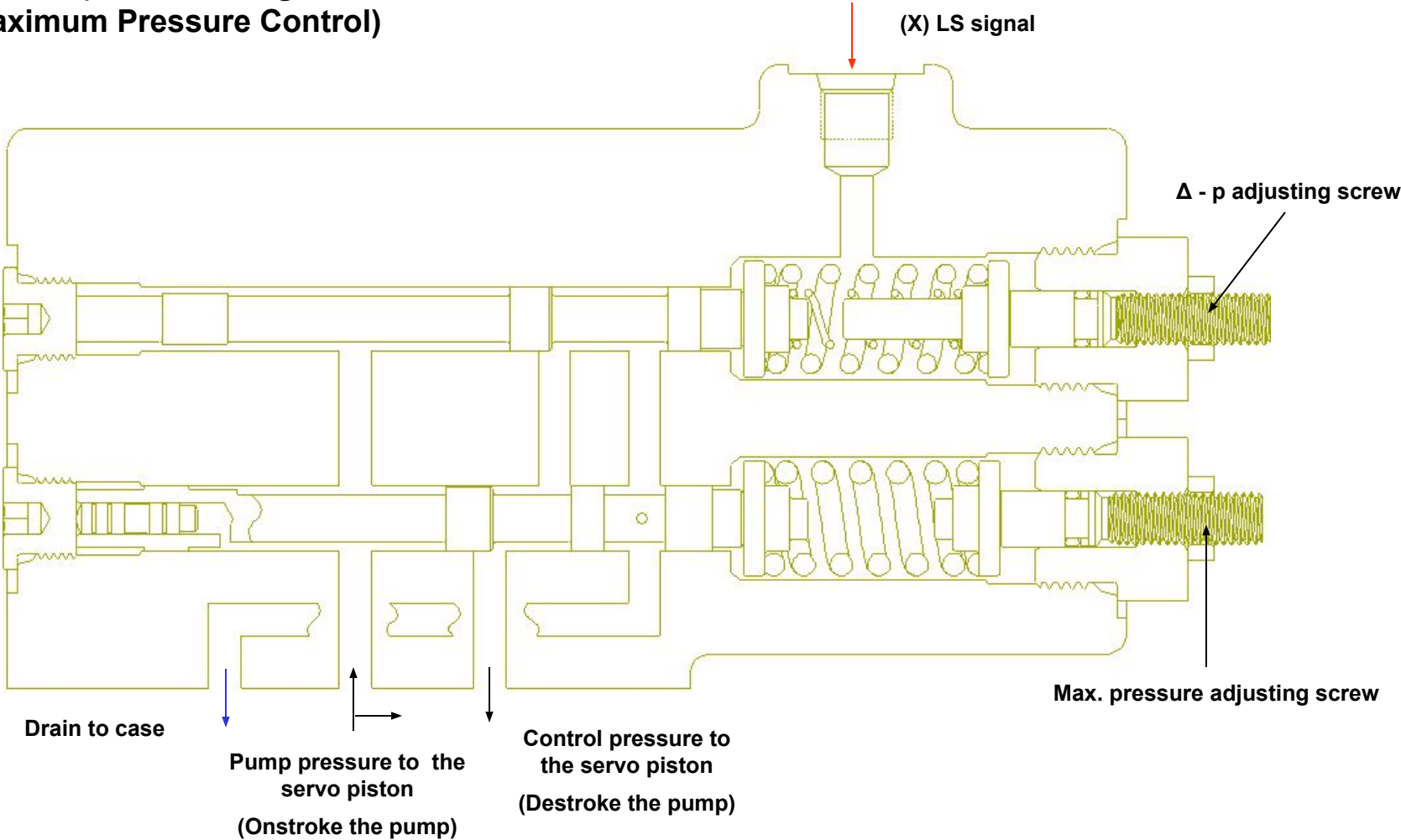


P2/P3 Presentation/ Controls

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

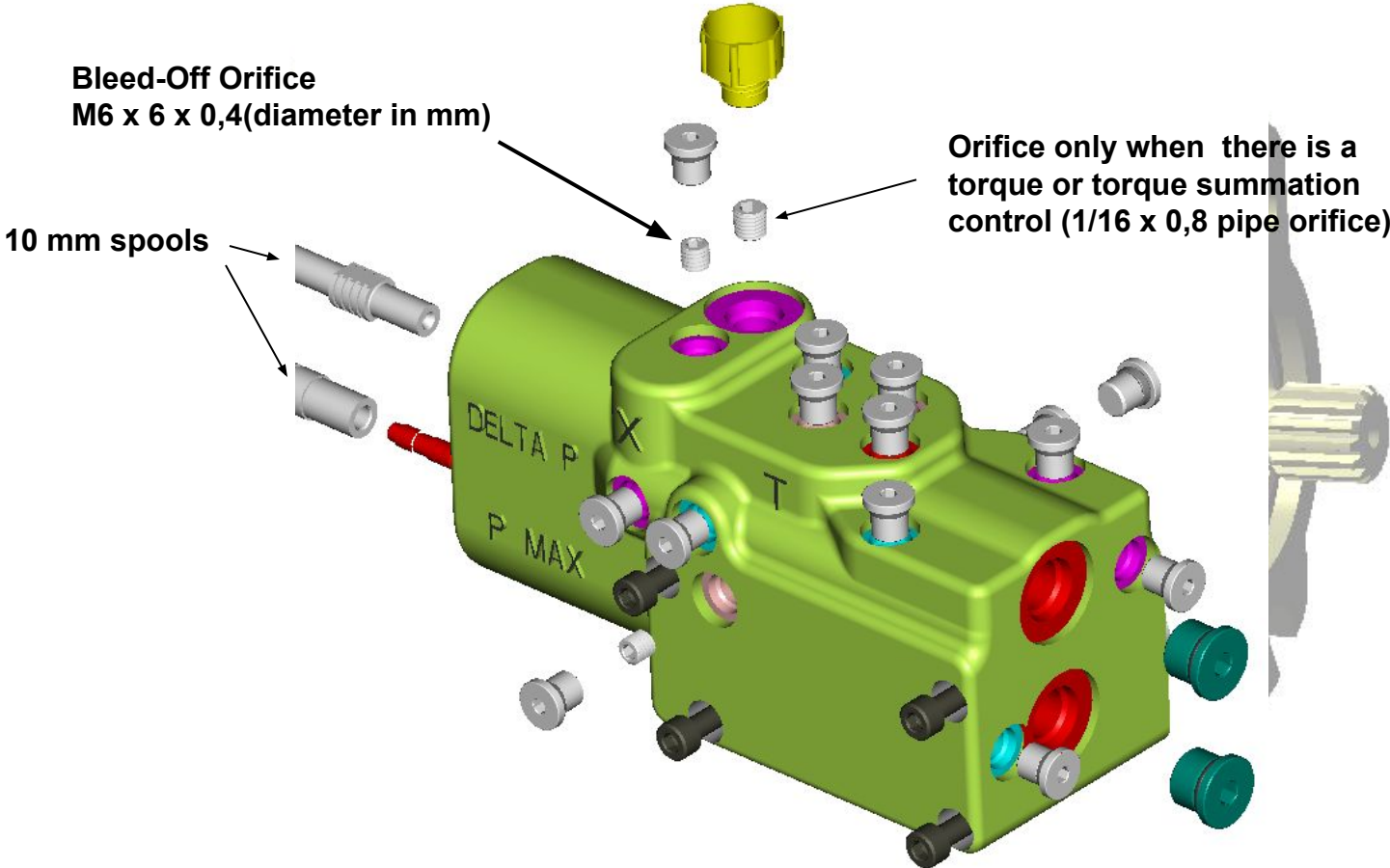


P2 - LA (Load Sensing with Maximum Pressure Control)



Location of orifices

P2/P3 - 075, -105, - 145



P2 TA, TC controls

P2 TA (20%-60%)

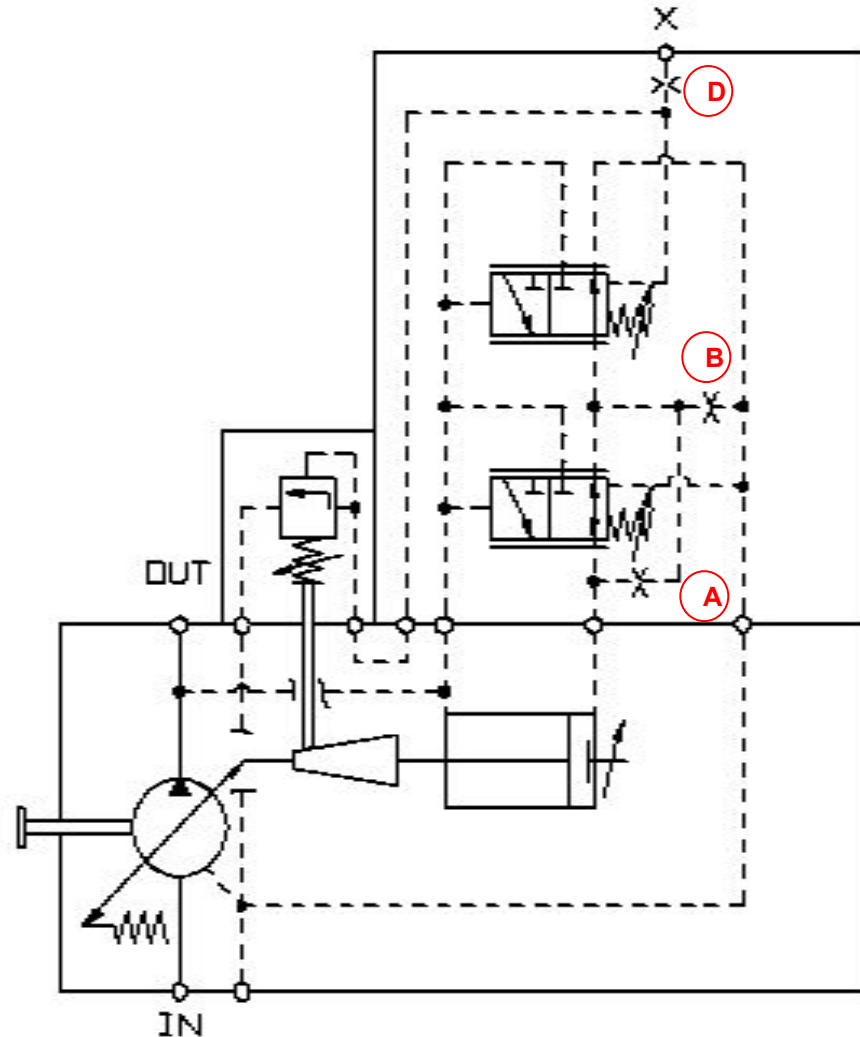
P2 TC (50%-90%)

Torque

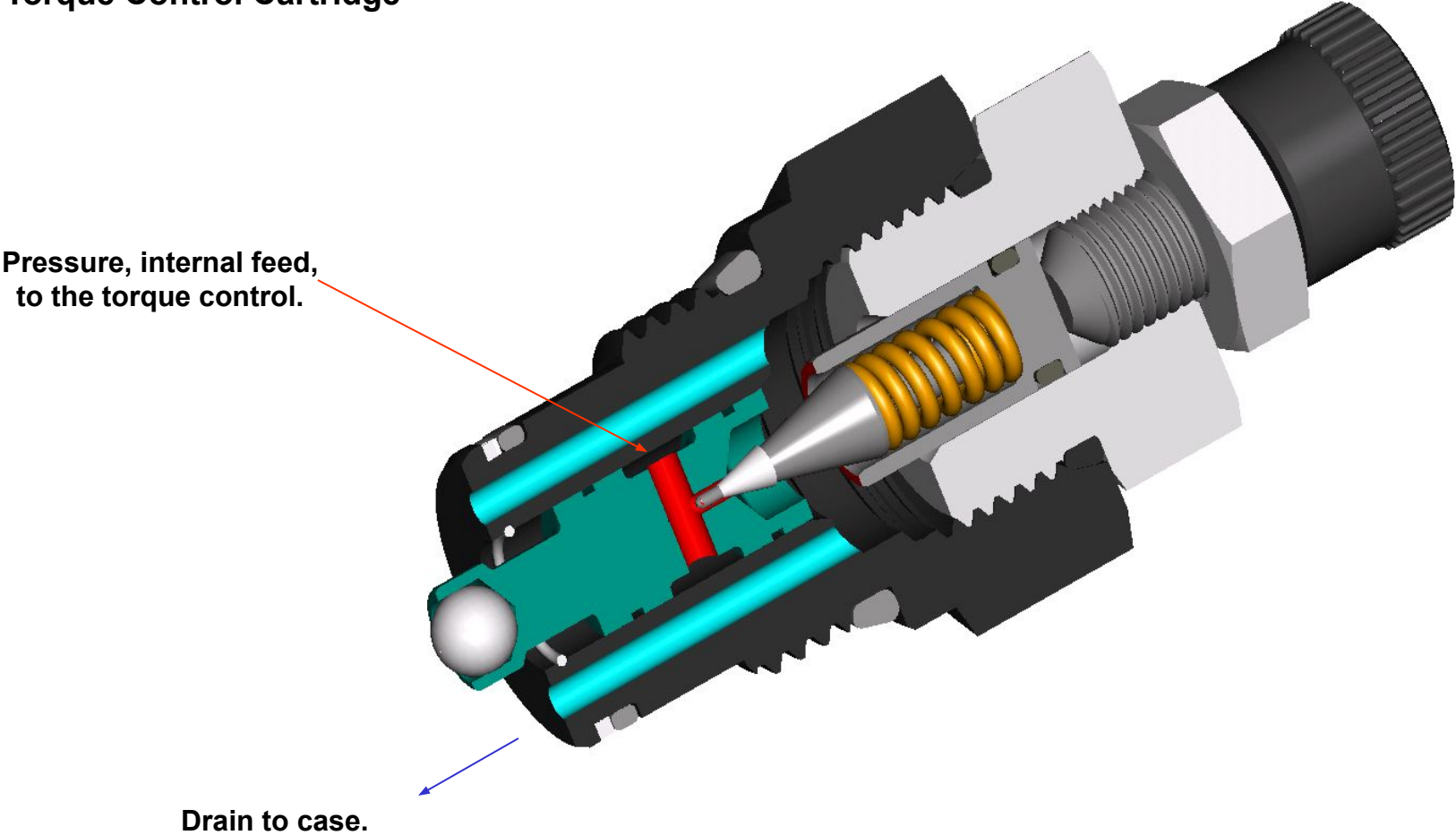
Load Sensing and

Maximum Pressure Control

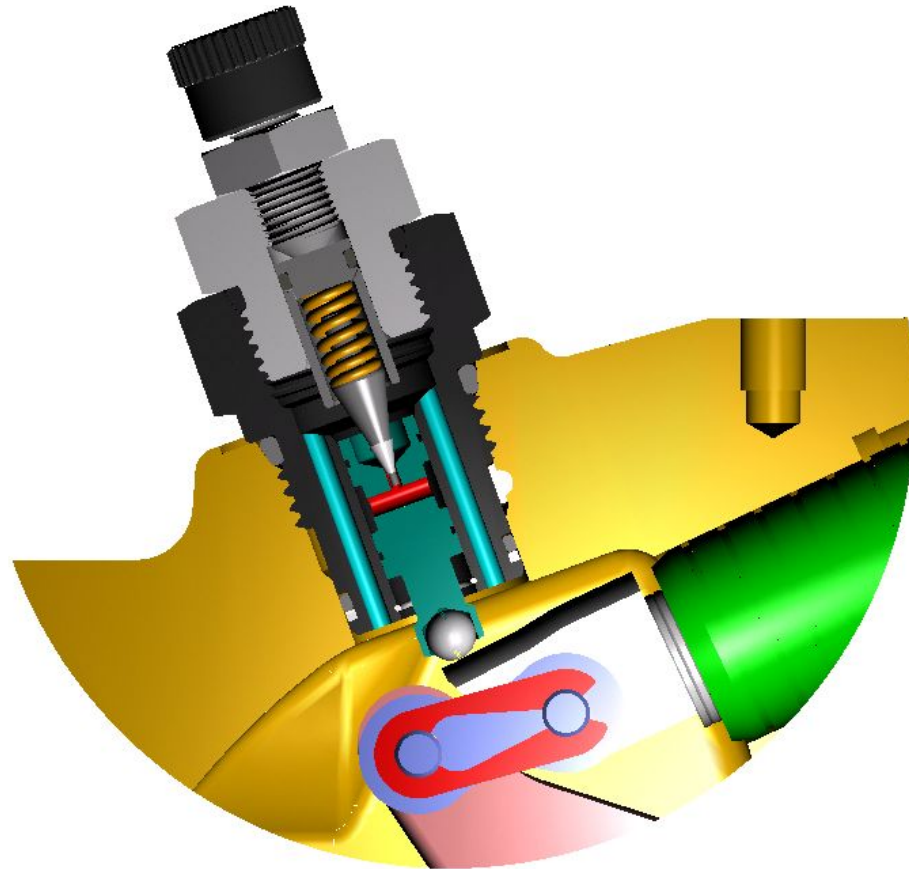
Displacement	Orifice diameter (mm)		
	A	B	D
60 cc	0,8	0,8	0,8
75 cc	0,8	0,8	0,8
105 cc	0,8	0,8	0,8
145 cc	0,8	0,8	0,8



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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