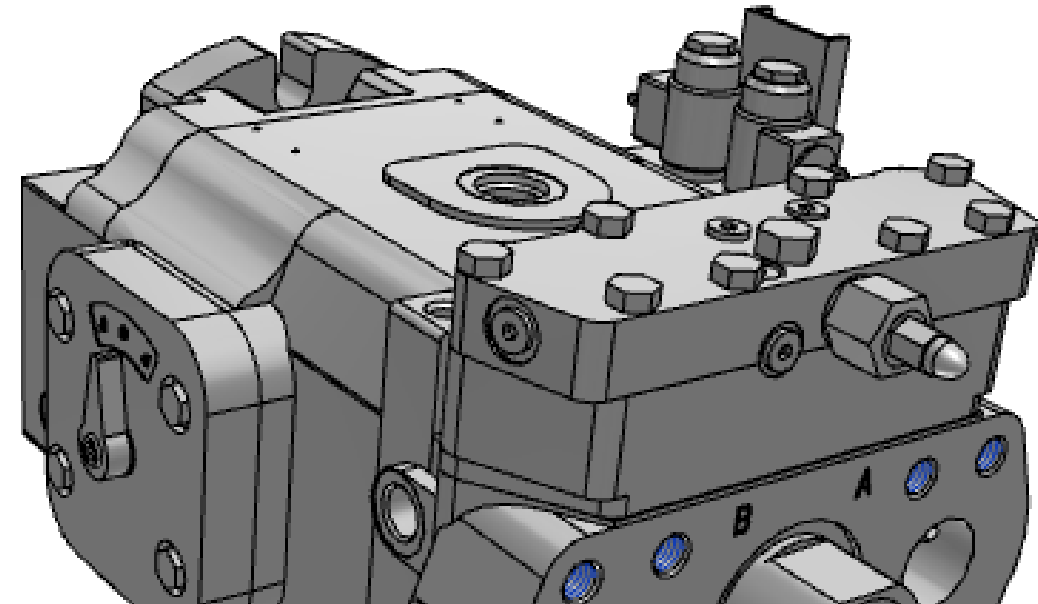


# Identifying Gold Cup Port Locations

The following slides provide some common Gold Cup configurations in 3D views with port size and location identified. Please send any suggestions, additions, or corrections to [dcebert@parker.com](mailto:dcebert@parker.com)



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# Content

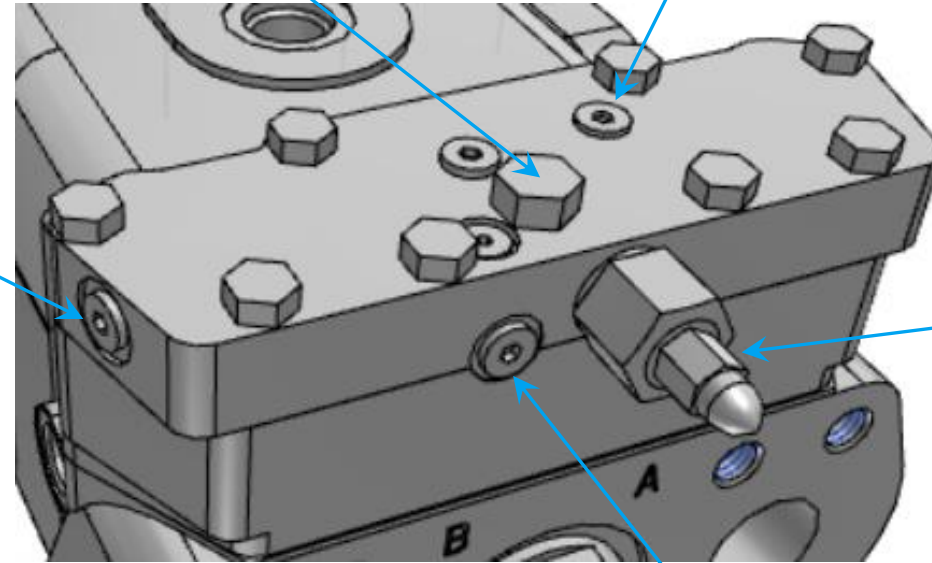
- Valve Block
- **P6/7/8 Reference:**
  - P6P3R1C9A2A00 (rear ported)
  - P6S3R1C9A2A000M0 (side ported, medium torque thru-drive, shuttle package)
  - P6R3R1C8A2A00XC0 (side ported, high torque thru-drive)
- **P11/14 Reference:**
  - P11P3L1C9A2A00 (rear ported)
  - P11S3R1C8A2A000A0 (side ported, medium torque thru-drive, shuttle package)
  - P11L3R1C4A2A00XB0 (side ported, high torque thru-drive, shuttle package)
- **P24 Reference:**
  - P24P2L1E4A2A004 (side ported)
  - P24R3R1E8A2A00XF0 (side ported, high torque thru-drive)
  - P24L3R1E8A2A00XF0 (Shuttle ports only)
- **P30 Reference:**
  - P30S3R1B9A2A001B0 (side ported, medium torque thru-drive, shuttle package)

# Valve Block

**KG** (SAE-6 STR. THD): Replenish pressure gage connection

**V** (SAE-4 STR. THD): Common compensator vent connection

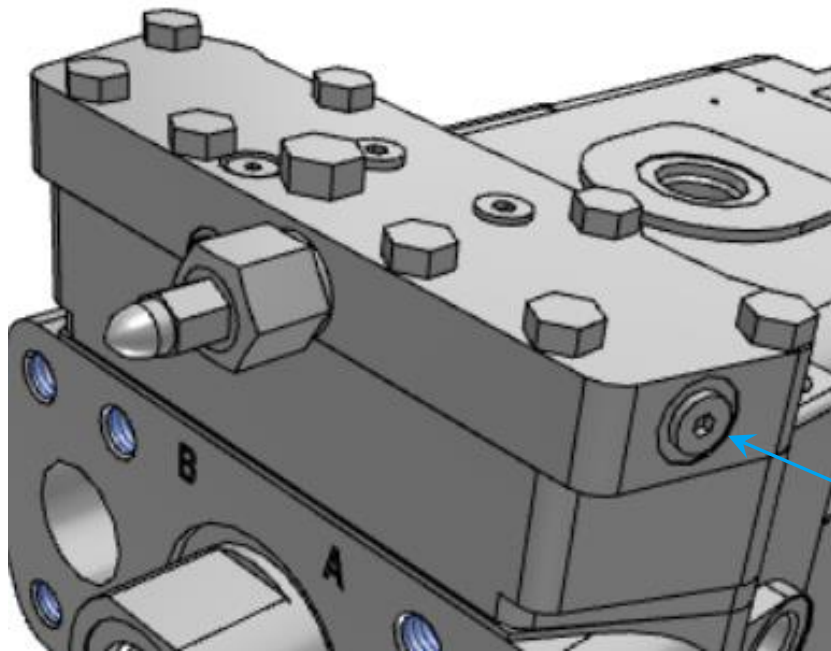
**VB** (SAE-4 STR. THD): Individual ("B" side) compensator vent connection



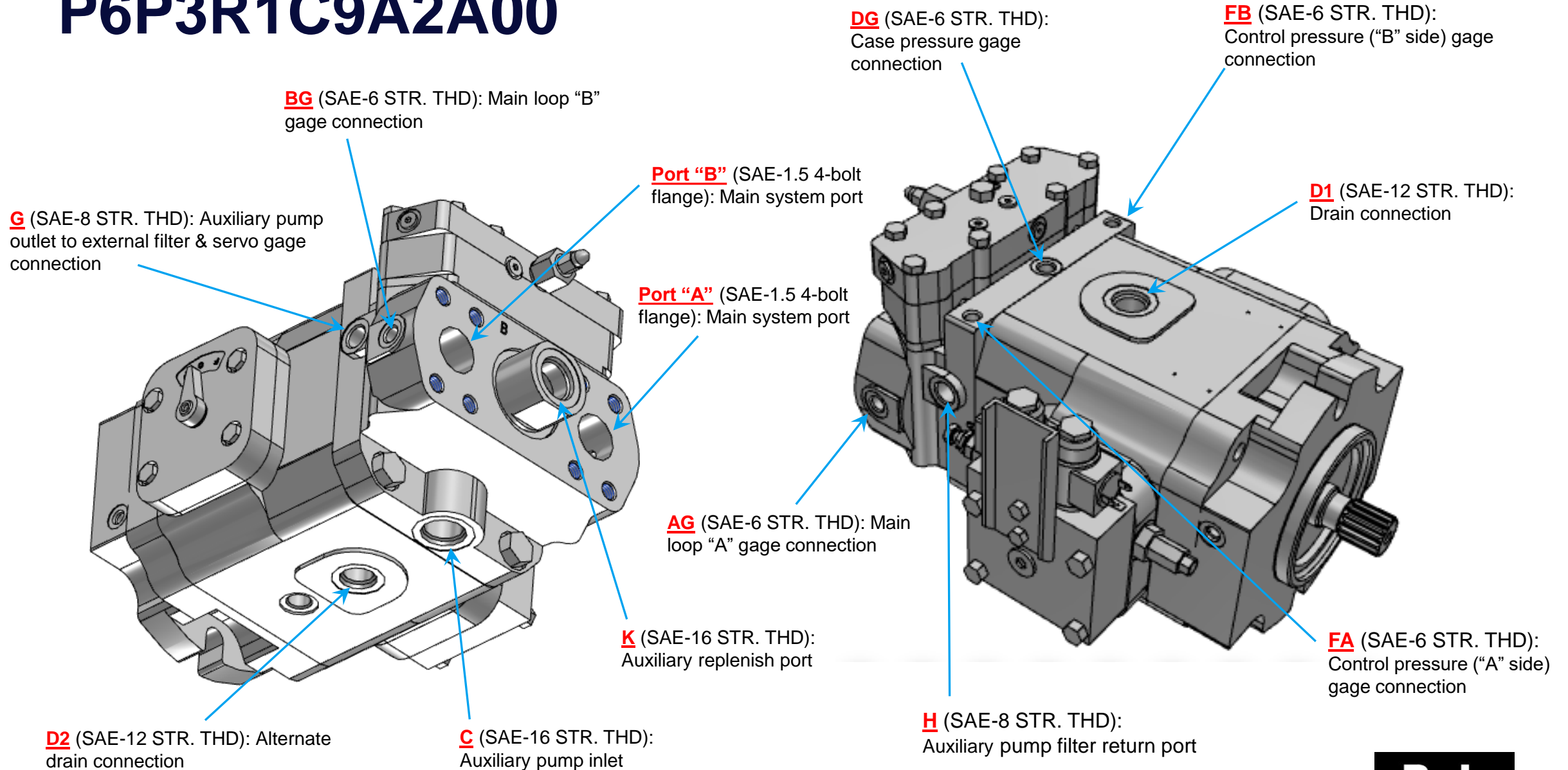
Compensator Adjustment: ½ turn on the adjustment is approximately 1000 psi pressure change.

**VA** (SAE-4 STR. THD): Individual ("A" side) compensator vent connection

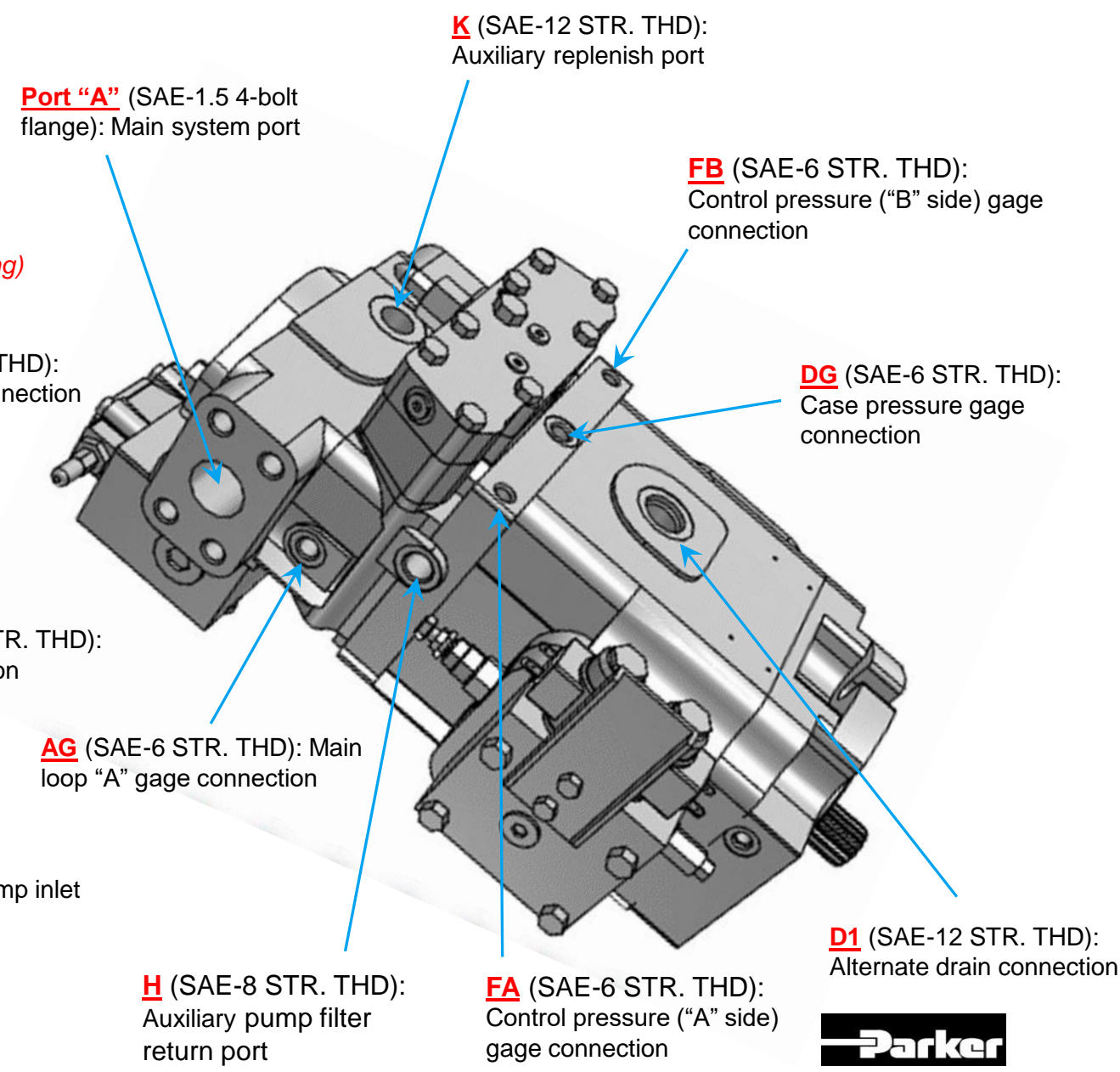
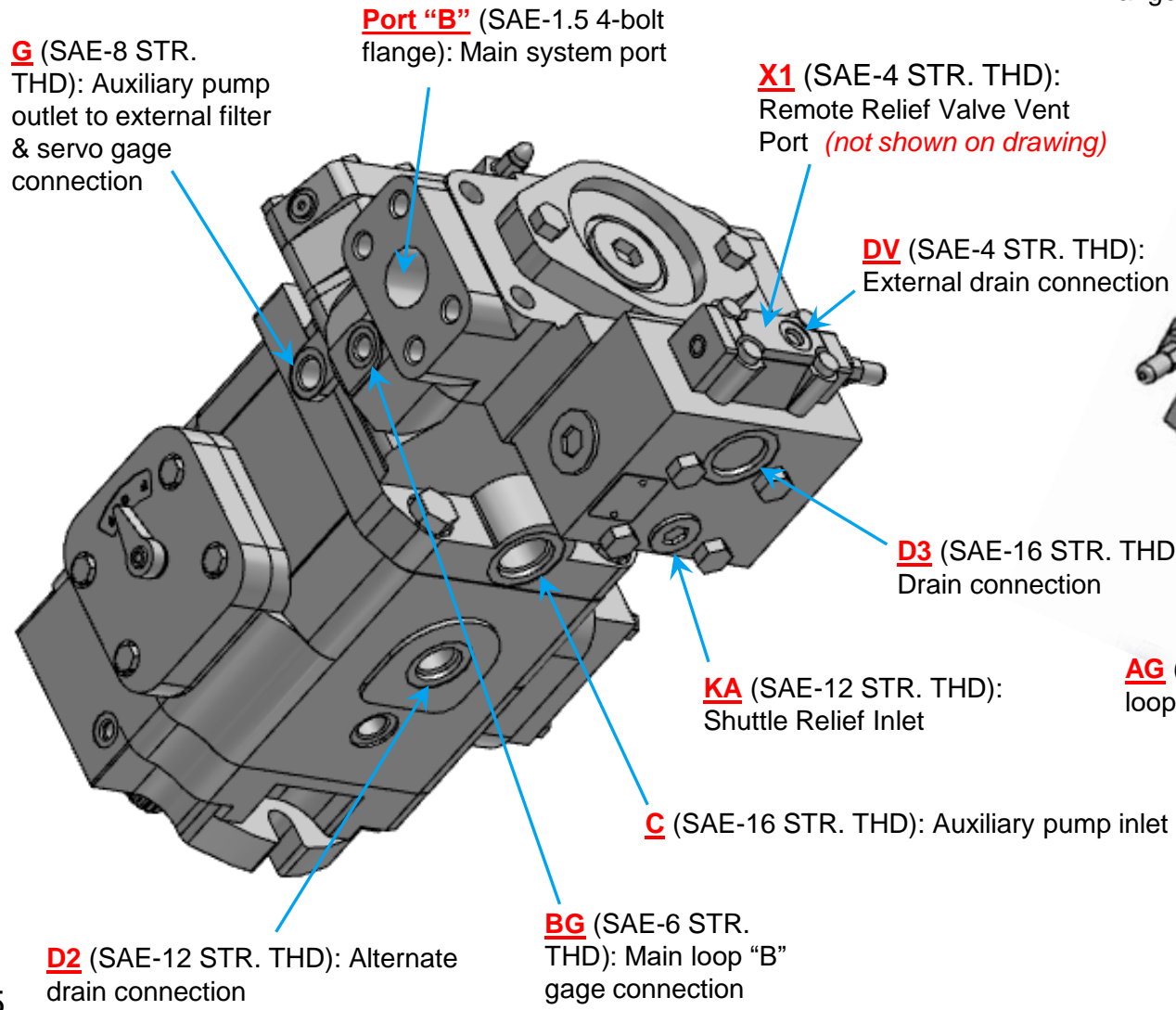
(SAE-3 STR. THD): Access port for replenish relief pilot stage.  
**Caution: Never open when unit is in operation.**



# P6P3R1C9A2A00



# P6S3R1C9A2A000M0



# P6R3R1C8A2A00XC0

**H** (SAE-4 STR. THD): Servo gage connection

**Port "B"** (SAE-1.5 4-bolt flange): Main system port

**B1** (SAE-6 STR. THD): Main loop "B" gage connection

**K** (SAE-16 STR. THD): Auxiliary replenish port

**A1** (SAE-6 STR. THD): Main loop "A" gage connection

**G** (SAE-8 STR. THD): External servo pressure inlet connection

**D2** (SAE-12 STR. THD): Alternate drain connection

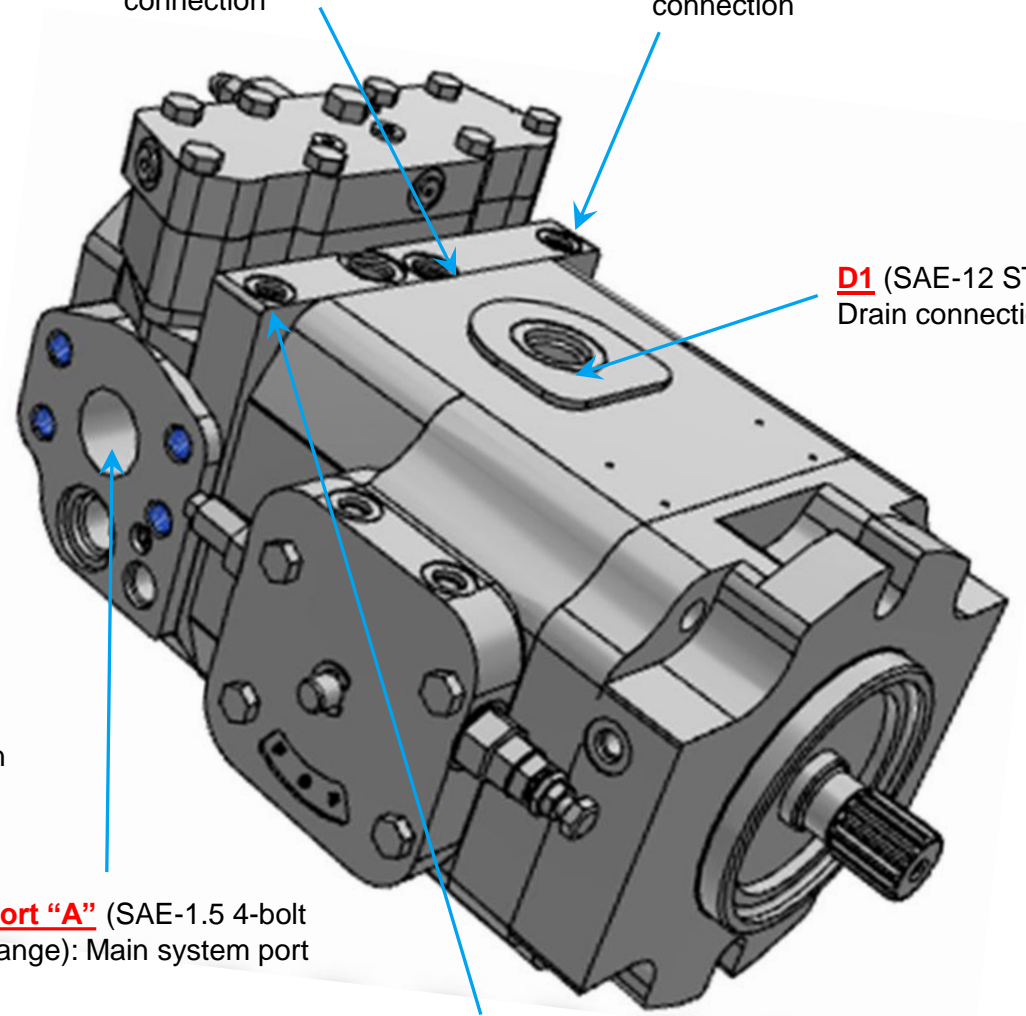
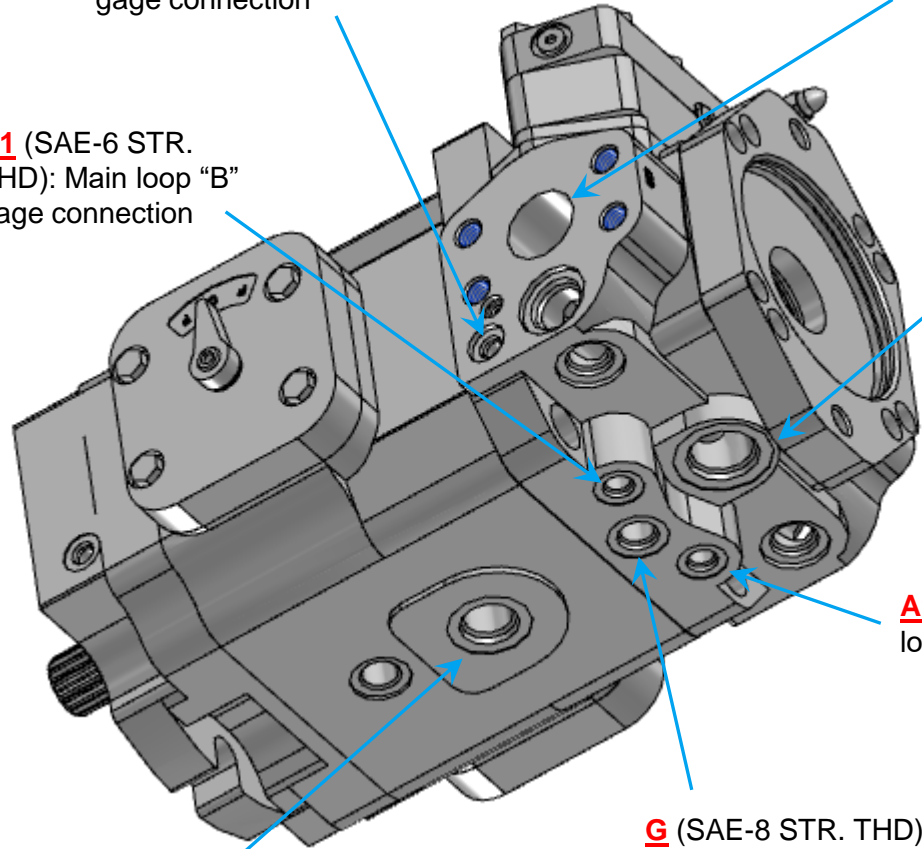
**DG** (SAE-6 STR. THD): Case pressure gage connection

**FB** (SAE-4 STR. THD): Control pressure ("B" side) gage connection

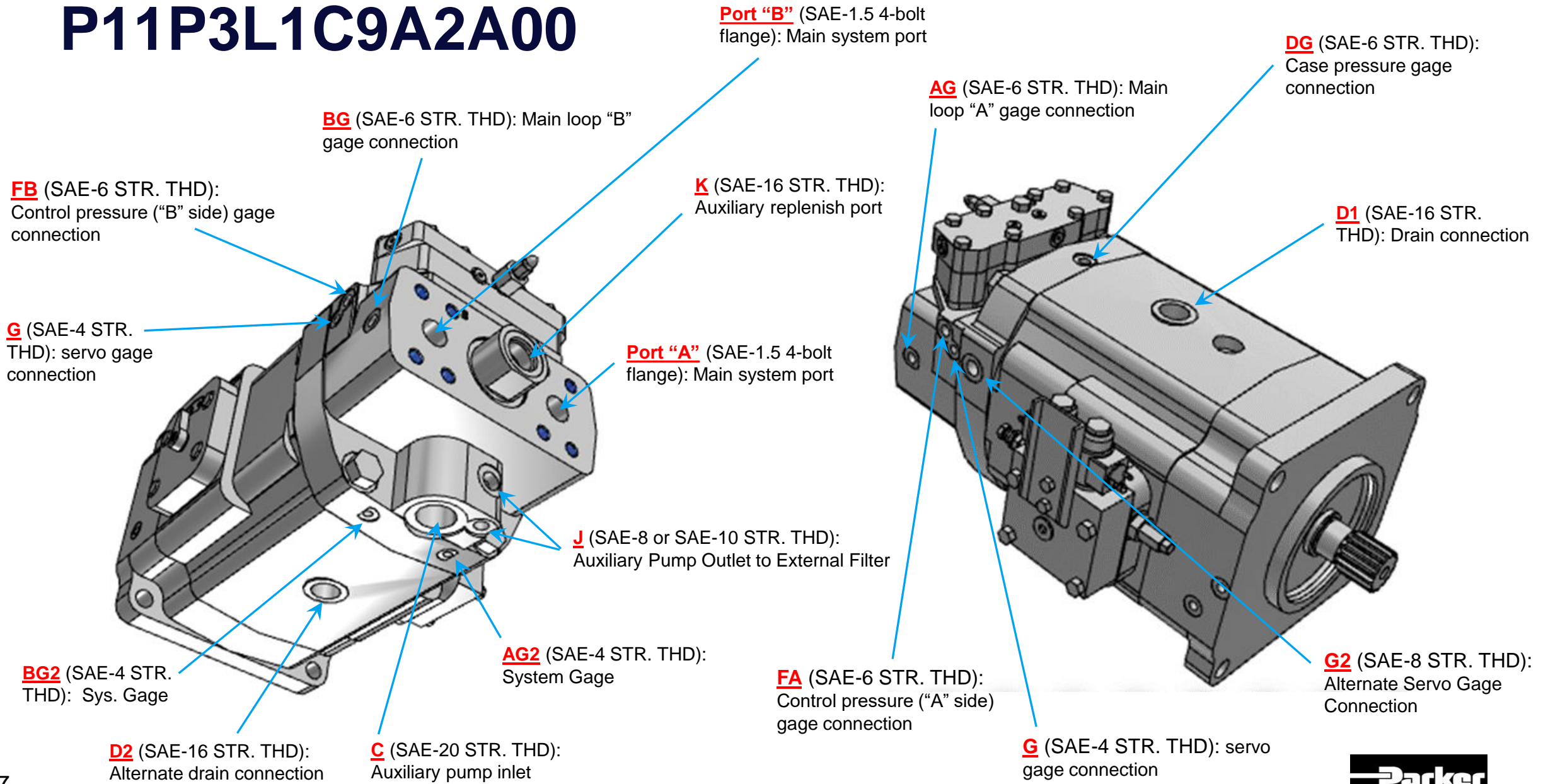
**D1** (SAE-12 STR. THD): Drain connection

**Port "A"** (SAE-1.5 4-bolt flange): Main system port

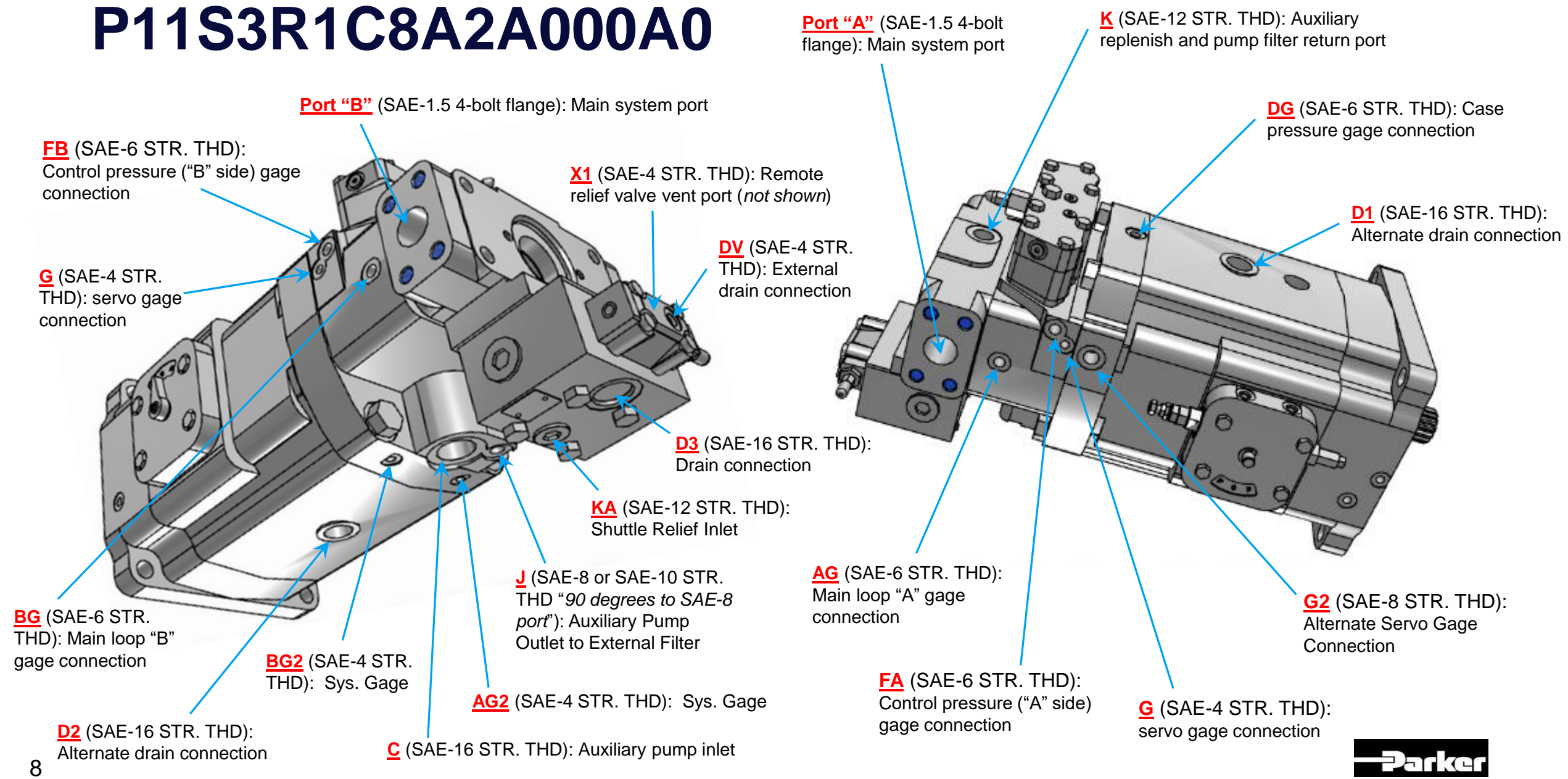
**FA** (SAE-4 STR. THD): Control pressure ("A" side) gage connection



# P11P3L1C9A2A00



# P11S3R1C8A2A000A0





# P11L3R1C4A2A00XB0

**Port "B"** (SAE-1.5 4-bolt flange): Main system port

**Port "A"** (SAE-1.5 4-bolt flange): Main system port

**FA** (SAE-6 STR. THD): Control pressure "A" side gage connection (**FB** located on far side)

**BG3** (SAE-6 STR. THD): Sys. Gage

**DG** (SAE-6 STR. THD): Case pressure gage connection

**AG3** (SAE-6 STR. THD): Sys. Gage

**D1** (SAE-16 STR. THD): Alternate drain connection

**Lip Seal Drain Port** (SAE-4 STR. THD): Units with "7", "8", or "9 shafts only.

**Case** overflow port for submerging bearing on vertical mount units (SAE-4 STR. THD)

**AG** (SAE-6 STR. THD): Main loop "A" gage connection

**K** (SAE-12 STR. THD): Auxiliary Replenish (near & far sides)

**X1** (SAE-4 STR. THD): Remote relief valve vent port (*not shown*)

**DV** (SAE-4 STR. THD): External drain pilot stage valve

**D3** (SAE-16 STR. THD): Drain connection

**KA** (SAE-12 STR. THD): Shuttle Relief Inlet

**BG** (SAE-6 STR. THD): Main loop "B" gage connection

**Case** overflow port for submerging bearing on vertical mount units (SAE-4 STR. THD)

**BG2** (SAE-4 STR. THD): Sys. Gage

**D2** (SAE-16 STR. THD): Alternate drain connection

**K1** (SAE-12 STR. THD): Alternate Auxiliary Replenish

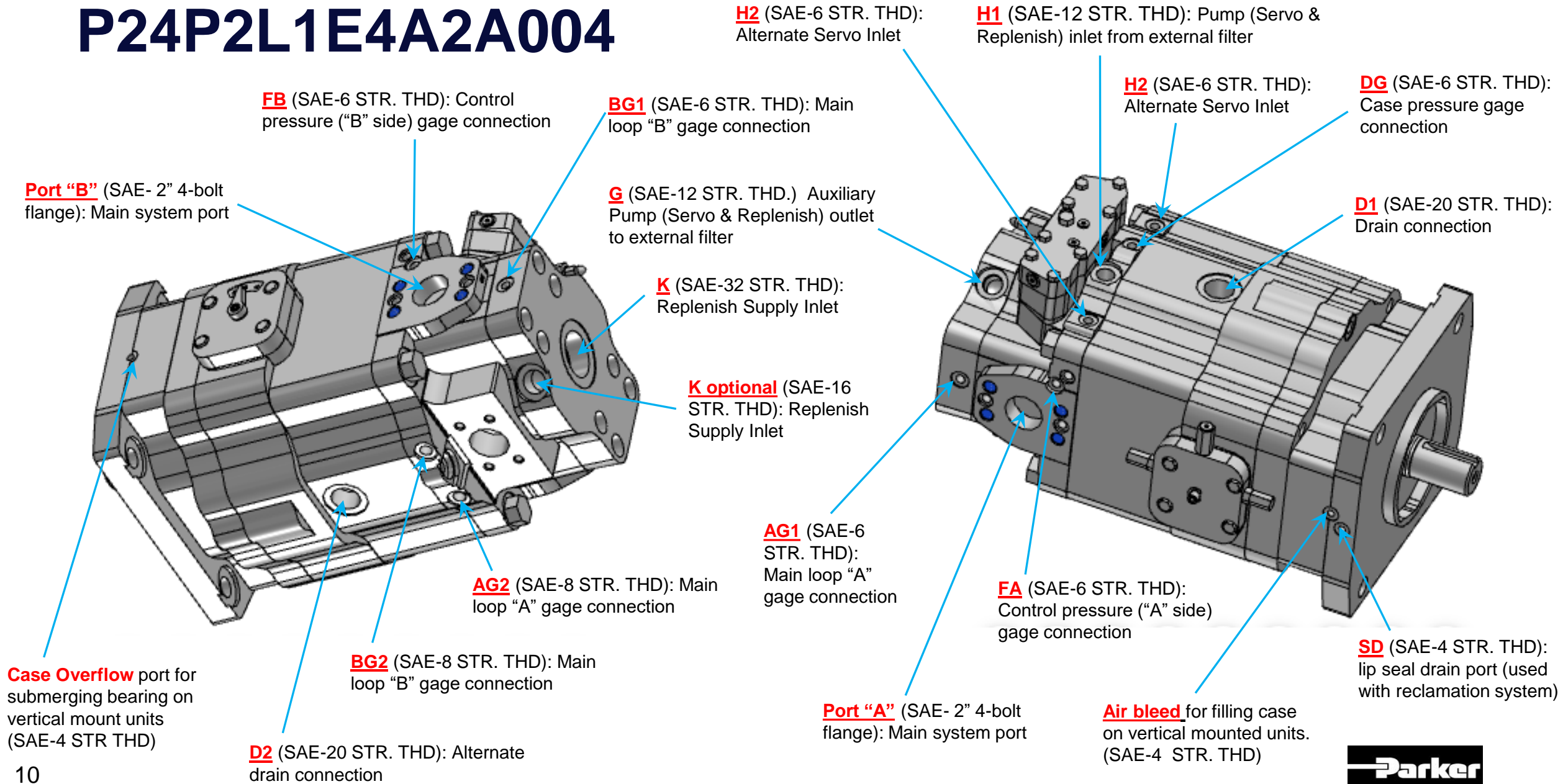
**AG2** (SAE-4 STR. THD): Sys. Gage

**G2** (SAE-8 STR. THD): External Servo Supply Inlet Connection (near & far side)

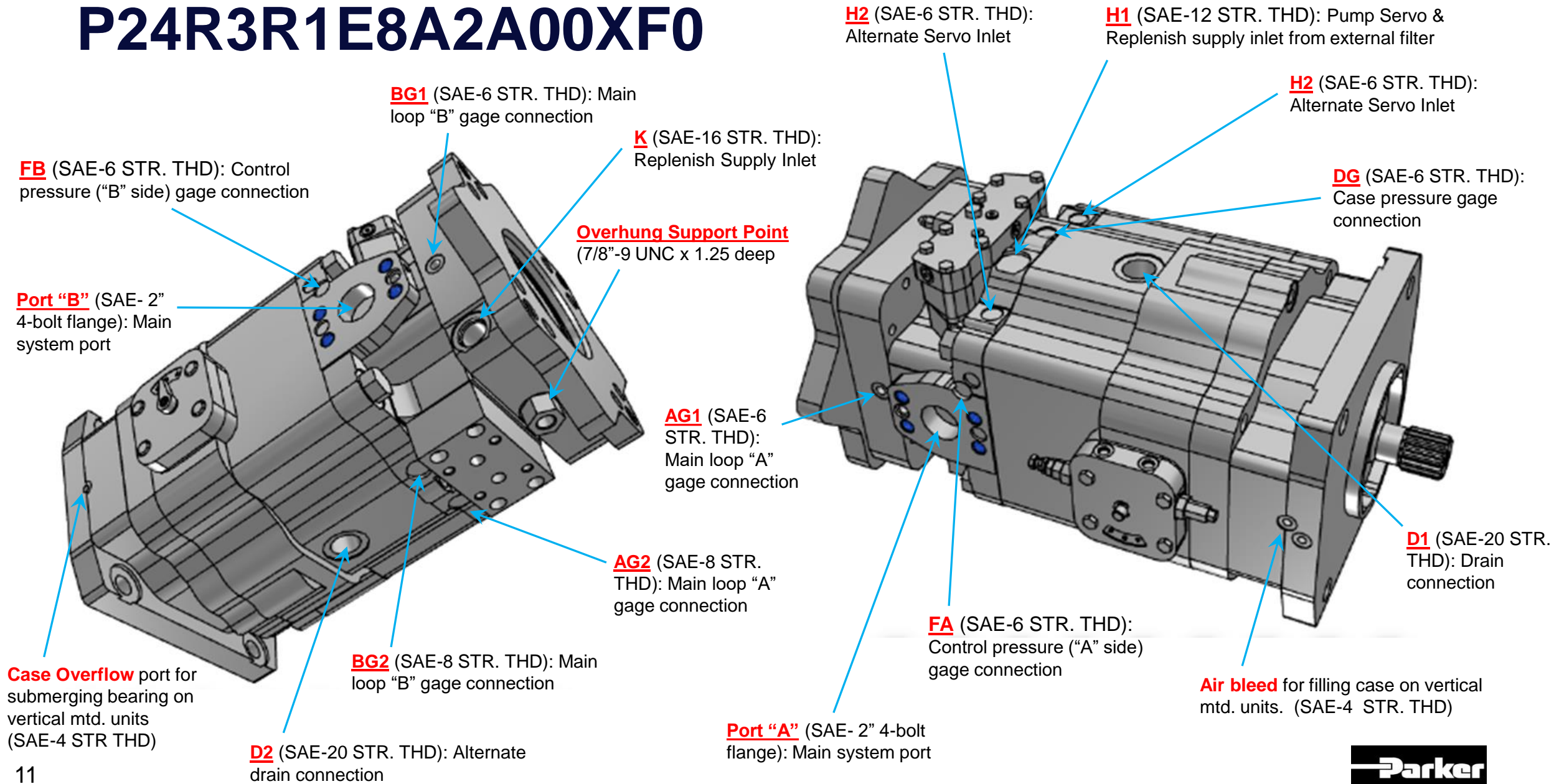
**G** (SAE-6 STR. THD): servo gage connection (near & far side)



# P24P2L1E4A2A004

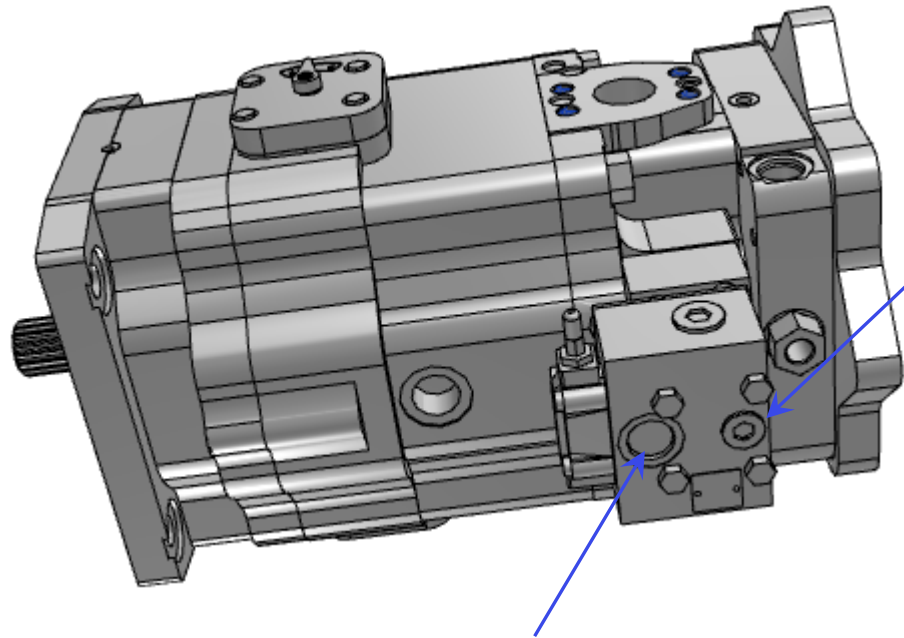


# P24R3R1E8A2A00XF0



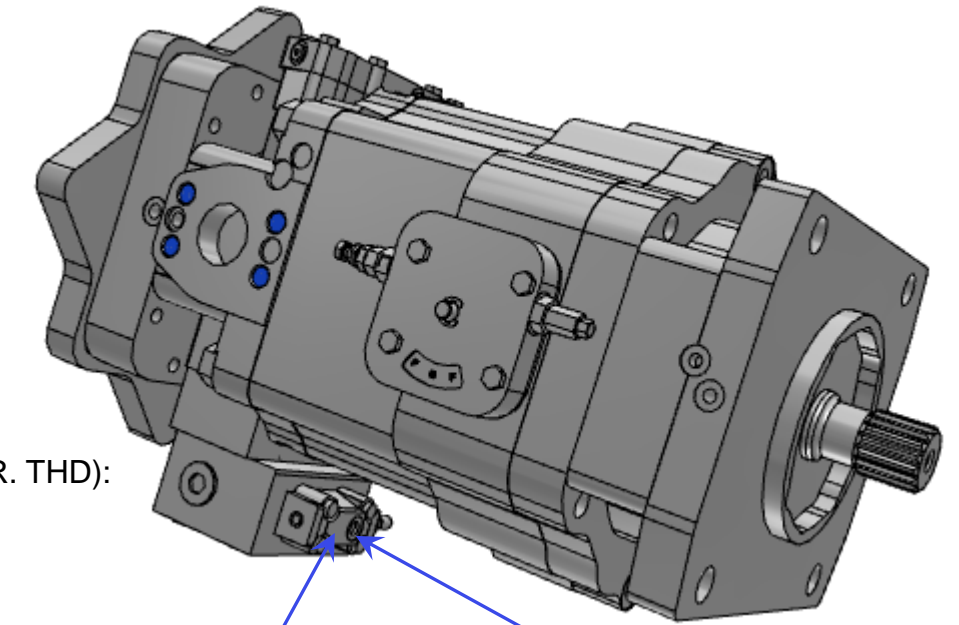
# P24L3R1E8A2A00XF0 (Shuttle ports only)

Use P24R drawing for all other port locations



**D3** (SAE-16 STR. THD):  
Drain connection

**KA** (SAE-12 STR. THD):  
Shuttle Relief Inlet



**X1** (SAE-4 STR. THD):  
Remote Relief Valve Vent Port  
*(not shown on drawing)*

**DV** (SAE-4 STR. THD):  
External Drain Pilot Stage  
Valve

# P30S3R1B9A2A001B0

