

## STEERING UNITS AND ACCESSORIES



### TECHNICAL DATA

		Displacement cm <sup>3</sup> /rev	Reccomended oil flow L/min	Max. steering pressure bar	Accessories		
					Steering columns	Valve blocks	Priority valves
Steering units	HSPB	50 ÷ 100	5 ÷ 80	210	HTPB, HTP-T, HTP-TT	HVP	
	HSPR	70 ÷ 315	7 ÷ 32	175			
	HSPC	40 ÷ 500	4 ÷ 50	210			
	HSPC LS	40 ÷ 400	4 ÷ 40	210			HLS, HLSA
Priority valves	HLS		40, 80, 120, 160	250 (HLS350: 160)			
	HLSA		40, 80	250			
Flow amplifiers	HSQA	640 ÷ 4160	240	210			
	HSQB	640 ÷ 4160	400	210			

#### Features and benefits:

- Low steering torque: 0.5 N•m to 1.8 N•m in normal steering situations
- Low noise level
- Many types available: open center non-reactive, open center reactive, load sensing, and load sensing reactive
- Built-in valve functions: relief valves, check valves, check valves in the pressure line or in the load sense line
- DIN, ISO, and SAE port connections
- Special OSPM benefits:
  - Compact design and small dimensions
  - Optional integrated steering column
  - Fittings integrated into end ports

#### HLS priority valves:

- Types: static or dynamic
- Flow: from 40 to 160 l/min
- Maximum system pressure: 350 bar

#### HSQ flow amplifiers:

- For vehicles with a total weight exceeding 100 tons and a needed steering flow of up to 400 l/min

#### HTP steering columns:

- Lengths: from 45 to 1200 mm
- Tilttable and/or telescopic