

# Hydrostatic steering units

Hydrostatic steering units are mostly used in wheel steering systems in low-speed vehicles such as:

- ▶ tractors,
- ▶ harvesters,
- ▶ fork lifts truck,
- ▶ building machines,
- ▶ ships, vessels etc.

Advantages:

- ▶ It is safety, reliable and smooth in the function and operation.
- ▶ Automatically reverts to emergency manual pump in case of engine failure.
- ▶ Can work with many kinds of power steering pumps of fluid supply systems.
- ▶ Eliminate leakage - reduce costs, and provide flexibility in design.
- ▶ Provide comfort in operating.

## HSU Specifications

Parameters	Type												
	HSU 50	HSU 63	HSU 80	HSU 100	HSU 125	HSU 160	HSU 200	HSU 250	HSU 315	HSU 400	HSU 500	HSU 630	HSU 800
Version	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 3	1, 3	1, 3
Displacement [cc/rev]	50,8	62,9	79,8	99,6	124,5	159,6	199,4	249,2	316,5	399,7	499	629,5	799,2
Rated Flow [l/min]	5	6	8	9	11	15	17	24	30	40	50	63	80
Rated Pressure [bar]	160											140	
Type Dimension L [mm]	130	132	134	137	140	145	150	156	166	176	189	208	228

Connections	Thread
Ports P, T, R, L	G 1/2"
Column Mounting: B (x4)	M10x1,5
Valve Mounting: V (x2)	M10x1

