



Hydraulic Power Packs Series HU



Hydraulic power packs series HU supply high precision servo hydraulic test rigs with hydraulic energy. Pressure generation is done by a pressure controlled radial piston pressure pump with automatic adaptation of the flow according to the actual requirement. System pressure is adjustable and displayed on a manometer. During start up the pump runs without pressure in a hydraulic short cut. Power packs series HU are equipped with filters for high and low pressure with clogging indicators. The cooling of the oil is done by oil/water heat exchanger. Water flow and pressure are monitored. Hydraulic and electric safety circuits monitors pressure, temperature and oil level. Hydraulic power packs series HU can be connected to a bigger array of power packs. Tank connection flanges are standard feature. The electric controller can be used in stand alone operation as well under remote control from a central power pack controller for multiple power packs

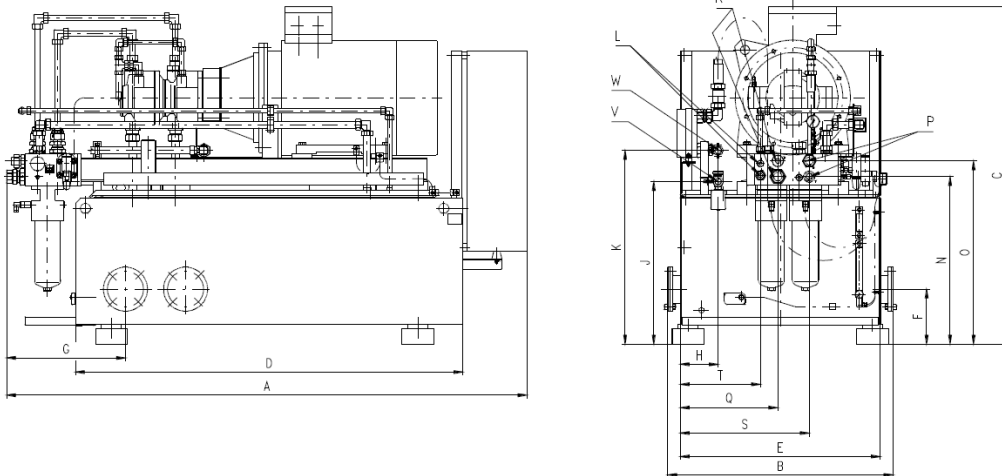
Type identification key: HU 63 ——— nominal flow [l/min]

Accessories

- Hydraulic oil HLP 46
- Hydraulic accumulators at the pressure line
- Tank connection set
- Sound absorbing cell
- Oil pan
- silencer



Specifications



Type		HU 25	HU 40	HU 63	HU 80	HU 125	HU 165	HU 250
Nominal flow	l/min	25	40	63	80	125	165	250
Nominal pressure	MPa	28						
Adjustment range		5-28,5						
Range of oil temperature	°C	45-55 (max. temperature 65)						
Filters fineness: (absolute)	µm	P 10, R 3						
Tank capacity	l	200	200	400	480	600	800	1120
Cooling water consumption at 20°C	m ³ /h	0,5	0,7	1,1	1,5	1,8	2,5	3,9
Max. cooling water inlet temperature	°C	30						
Heat radiation	kW	2	2	3,5	6	7	9	12
Motor rated capacity	kW	15	30	37	55	75	90	132
Power supply, cos φ	V; A	400; 28,5; 0,83	400; 56; 0,85	400; 67; 0,86	400; 97; 0,87	400; 134; 0,86	400; 160; 0,86	400; 235; 0,85
Protective class		IP 54						
Weight (without oil)	kg	600	680	1250	1250	1500	1700	2500
Dimensions:								
A	mm	1475	1510	1955	2080	2217	2600	2928
B	mm	725	890	942	925	1133	1120	1288
C	mm	1245	1280	1475	1545	1670	1686	1840
D	mm	1030	1070	1367	1515	1620	1935	2380
E	mm	600	700	804	800	1004	1000	1150
F	mm	210	260	260	260	260	260	260
G	mm	360	400	441	490	527	593	663
Connections:								
P (High pressure) - 2x		G ½	G ¾	G ¾	G 1	G 1	G 1½	G 1½
R (Return) - 2x		G ½	G¾	G¾	G 1	G 1	G 1½	G 1½
L (Drain) - 1x		G 3/8	G¾	G¾	G¾	G¾	G¾	G¾
V (Water in)		G¾	G 1	G 1	G 1	G 1	G 1	G 1½
W (Water out)		G¾	G 1	G 1	G 1	G 1	G 1	G 1½