

HYDRAULIC AGGREGATE GL 2P/Q AND GL 2P/Q+4VN

Use and description:

Hydraulic aggregate **GL 2P/Q** (hereinafter only pump) is a two stage with hand controlled source of the pressure hydraulic oil.

Hydraulic aggregate **GL 2P/Q+4VN** (hereinafter only pump) is a two stage double acting, with hand controlled source of the pressure hydraulic oil.

The first pump stage delivers into the system the substantial part of the flow rate at low operation pressure. The second stage delivers small flow rate but its function is to ensure max. pressure. It has been so designed and constructed for achieving the pressure force on the hydraulic cylinder. The pumps are operated with max. pressure 70 MPa. If necessary it is possible to adjust the max. operation pressure through setting on the relief valve on the lower pressure. The pump type **GL 2P/Q+4VN** has been designed and constructed as the double acting one (e.g. for controlled linear motor it moves the piston into the start position).

The pumps are intended for driving the linear hydraulic motors acting as the force source for lifting, cutting, pressing sing, bending etc. They consist of the body fastened to the reservoir, of filling opening, relief valve, thread ports for connection of the feeding hoses, pressure gouge output port and of the hand lever.



GL 2P/Q



GL 2P/Q+4VN

Characteristics:

Type		GL 2P/Q	GL 2P/Q+4VN
Max. output pressure – 1. stage	MPa	2.5	2.5
Max. output pressure – 2. stage	MPa	70	70
Working liquid		hydraulic liquid having a viscosity of 22, 32 or 46 mm ² .s ⁻¹ at 40°C	
Reservoir volume	dm ³	1.8	1.8
Working liquid and surrounding temperature	°C	-10 to + 50	-10 to + 50
Force on lever 1. stage/2. stage	N	100/25	100/25
Connecting port – hose		G 3/8"	G 3/8"
Output port number		1	2
Dimensions l x h x w	mm	575x160x164	610x190x130
Weight	kg	8.35	8.95