



■ Maximum power absorbed at peak duty rating. The maximum amount of power absorbed by each set of three pistons in pumps TGV 80 and TGVD 115 is half that indicated.

For pump TGVLD 170, three values are indicated : in the first column, the maximum power for each set of three pistons, and in the second column, the total power.

● Characteristic features at normal pressure rating.

Pumps type TGV 40 and TGV 80 can be operated in either direction of rotation.

The direction of rotation of pumps TGVD 115 and TGVLD 170 is fixed. Pump TGVD 115 turns anti-clockwise, SH, and pump TGVLD 170 clockwise, SH. Direction arrows are to be found on the pump casings.

Minimum speed : 100 rpm.

The flow rate and required power are proportional to the speed within the limits indicated.

Pumps TGV 40 and TGV 80 are also available with integral mounting flange: these are Types TGVF 40 and TGVF 80.

The inlet connections to both pumps TGV 40 and TGV 80 are made by means of supply pipes attached to the cylinder head (s). There are various possibilities in this respect : consult us regarding these.

Each cylinder head of pumps TGV 40 and TGV 80 has two output ports - close the unused port.

The direction of the driving shaft extension of pump TGV 40 may be reversed.

Each set of three pistons of pump TGV 80 can give different flow rates (i.e. have different piston diameters) : TGV 80.25.20/22.20.

Recommendations for use : see B.a.1.1.

DESIGNATION		DISPLACEMENT	MAX. SPEED	MAX. OUTPUT FLOW	MAX. PRESSURE	MAX. INPUT POWER		PERFORMANCES at 1000 r.p.m.		
Type	Model					■ kW	● kW	l/mn	bar	kW
	Ø str.	cm <sup>3</sup> /r	r.p.m.	l/mn	bar					
TGV 40	22.20	22.2	2200	48	350	35		21.8	300	12.8
TGV 40	25.20	28.6		62		42		28		16.5
TGV 80	22.20	44.4	2200	96	350	70		43.6	300	26.4
TGV 80	25.20	57.2		124		80		56		34
TGVD 115 SH.28.22.5		80.5	2200	175	350	120		78.5	300	47
TGVLD 170 .SH. 33.25/22.24		62.2 76.6	2200	134 57	350	95 40	135	60.6 26.1	300	37 16 53

