

LANCIA & C. FABBRICA AUTOMOBILI TORINO, S.p.A. Printed in Italy	820.400 FLAVIA ENGINE Characteristics and Data of Injection Pump, Injectors and Fuel Pump	S A T Sketch 15051 27/3/70

KUGELFISCHER PL 004-117.02 A2 FUEL INJECTION PUMP

(Order number: 820.400 - 2258200)

DATA FOR CHECKING THE DELIVERIES^M

(Obtained with the following test fluid: KRISTAL K 60 - SHELL)

Lever position	Pump r.p.m.	Admitted deliveries cu. cm.	Max hysteresis cu. cm.	Pumping No.
Minimum	350	21 ± 23	0.8	1000
Mean	350	36 ± 39	0.8	1000
	1400	34.5 ± 37		
	2800	25 ± 27.5		
Maximum	1400	51 ± 54	0.8	1000
	2800	56 ± 59		

KUGELFISCHER DLO - 20 B INJECTORS

(Fluid to be used for the test: KRISTAL H 60 SHELL)

MAIN CHARACTERISTICS

Order number (injector assy.)	Spray angle	Calibration pressure Kg/sq.cm.	
		now	used
815.400 - 2229455	20°	30 ± 38	≅ 20
Under a pressure of 15 Kg/sq.cm. per 10 sec., it must not drip.			

KUGELFISCHER PLF 6 - 1 FUEL PUMP

(Order number: 819.810 - 2275151)

TEST DATA

TEST DATA	Measuring unit	Values
Pressure delivery Kg/sq.cm. 1.2/12 V	1/h	≅ 50
Self-adjusting pressure	Kg/sq.cm.	1.5 ± 1.7
Operation voltage	Volts	12
Current absorption	Amp.	≅ 2.5
Electrical resistance	Ω	2 ± 3

^M For the three positions of the lever and for any pump r.p.m. the maximum admitted difference between the test tubes must be ≤ 1 cu.cm.