PUMP DATA SHEET

MODEL: **POLY 2035**

REGULATION ITEM

PISTON DIA.	48 mm
STROKE	17 mm
PISTON QTY.	2 ea.

SPECIFICATION (at rpm max.)

CAPACITY (L/MIN) @20bar	34 l/min
CAPACITY (USGPM)	9.0 USGPM
MIN. SUCTION PRESSURE	-0.15 bar
DISCHARGE PRESSURE	20 bar
SHAFT POWER (Kw)	1.5 kW
SHAFT POWER (HP)	2.0 HP



FLUID

SUCTION TEMP.	10-60	°C
SPECIFIC GRAVITY	0,99-0,98	g/cm^3
KINEMATIC VISCOSITY	1,4-0,5	cSt

OTHER FEATURES

SHAFT	RT4.1
IN-PUT DIA.	25 mm
OUT-PUT DIA.	Flange
OIL	SAE 30W
OIL QUANTITY	0.55 l
WEIGHT	5.6 kg

PRODUCTS COMPATIBILITY

-INSECTICIDES	
-PESTICIDES	
-FUNGICIDES	
-OTHERS	

BEARINGS

BALL	FRONT	6300
	BACK	6201
NEEDLE	RODS	HK 2520

PULSATION DAMPENER	INCLUDED	NOT INCLUDED

OPERATING PRESSURE				
2÷5	5÷10	10÷20	20÷30	30÷50
PULSATION DAMPENER REGULATING PRESSURE				
2	2÷4	4÷5	5÷6	6÷8

MATERIALS

CASE	ALUMINIUM
HEADS	POLYPROPYLENE
MANIFOLD	POLYPROPYLENE
DIAPHRAGMS	NO-STRESS DURAMAX standard
	BUNA optional
	VITON optional
VALVES	STAINLESS STEEL AISI 316
CON RODS	ALUMINUM

PERFORMANCE CURVES

