



UP25 F - UP25NV F
UP28 F - UP33 F - UP33NV F
UP39 F - UP45 F NEW
FRONT MOUNT HELM PUMPS



FEATURES

- Available in five different displacement sizes
- UP25F and UP33 F models are also available without built-in lock valve (**UP25NV F** and **UP33NV F** models)
- Compact design
- Ball bearing piston race
- Built-in lock valve for positive rudder lock (except UP25 NV F and UP33NV F)
- Integral relief valve for over-pressure protection
- 3/4" tapered stainless steel shaft
- Easily accessible lock valve and shaft seal for replacement
- Cast iron rotor for greater durability and longer life
- 1/4" NPT fitting for 3/8" tube
- Complete with elbow fittings
- **UP45 F** pumps are ideal for double cylinder applications
- **X64** - 40198 C square flange or **X57** - 39464 P round flange permit to install the pumps in an intermediate dashboard position.



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FRONT MOUNT HELM PUMPS

MOD.	P. No.	MOUNTING	DISPLACEMENT/ REVOLUTION	No. OF PISTONS	RELIEF VALVE SETTING	MAXIMUM WHEEL DIA.	WEIGHT
UP25 F	39618 R	Front mount	25 cc - 1.5 cu.in	5	70 Bar - 1000 PSI	710 mm - 28"	5 kg - 11 lbs
UP25NV F	41273 V	Front mount	25 cc - 1.5 cu.in	5	70 Bar - 1000 PSI	710 mm - 28"	5 kg - 11 lbs
UP28 F	39443 F	Front mount	28 cc - 1.7 cu.in	5	70 Bar - 1000 PSI	710 mm - 28"	5 kg - 11 lbs
UP33 F	39422 X	Front mount	33 cc - 2.0 cu.in	7	70 Bar - 1000 PSI	710 mm - 28"	5 kg - 11 lbs
UP33NV F	41275 Z	Front mount	33 cc - 2.0 cu.in	7	70 Bar - 1000 PSI	710 mm - 28"	5 kg - 11 lbs
UP39 F	39415 A	Front mount	39 cc - 2.4 cu.in	7	70 Bar - 1000 PSI	710 mm - 28"	5 kg - 11 lbs
UP45 F	41276 B	Front mount	45 cc - 2.7 cu.in	7	70 Bar - 1000 PSI	710 mm - 28"	5 kg - 11 lbs

