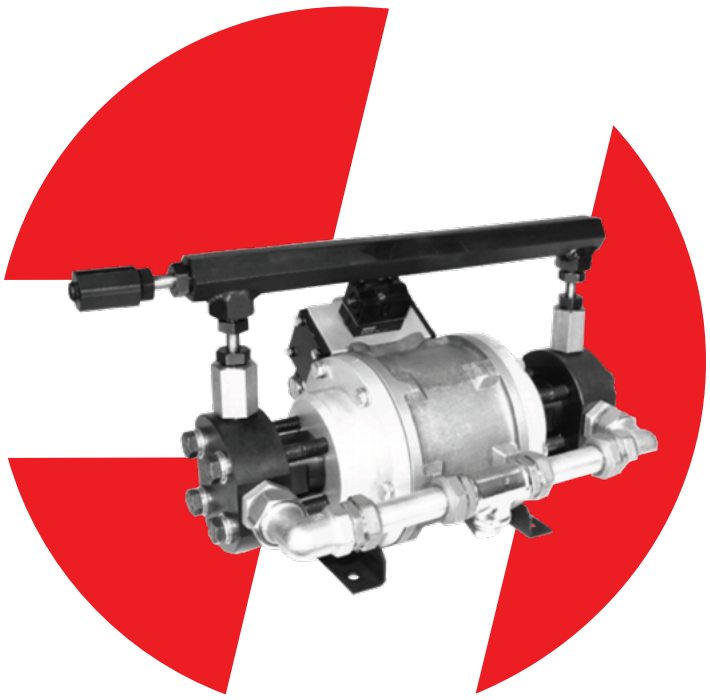
P825 SERIES



P825-65-N-0

Applications:

- Material Handling
- Pressure Sustaining
- Clamping
- High Pressure Testing
- Multi-Fluids & Skydrol
- Workholding
- Intermittent Operations
- Hazardous Areas
- Water Hydraulics*

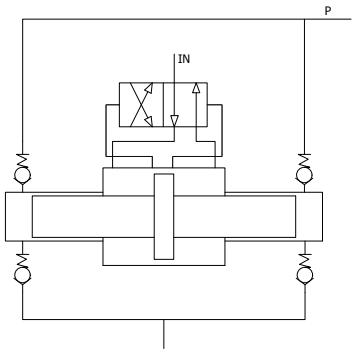
*Including deionized or demineralized water.

Description

- High performance, double acting pneumatic drive section
- 26,500 PSI maximum hydraulic pressure
- Up to 0.7 GPM flow
- Stainless steel models available
- Four intensification ratios available

Schematics

P825



P825 SERIES

P825
with Basic Pump

P825 Series	P825-65	P825-120	P825-170	P825-265
Air Pressure PSI (Bar)	20/100 PSI (1 1/2 - 7)			
Nominal Pressure Ratio	1:65	1:120	1:170	1:265
Max Oil Pressure PSI (Bar)	6,500 PSI (450)	12,000 PSI (827)	17,000 PSI (1,172)	26,500 PSI (1,827)
Flow Cl/Min	160 Cl/MIN	100 Cl/MIN	73 Cl/MIN	57 Cl/MIN
Weight: Pump Only Lbs (Kg)	40 LBS (18)			

Features:

- Four ratios available, all of which can either be stand alone or tank mounted versions
- High performance, double acting pump with opposing pumping elements used in high pressure hydraulic circuits for pressurization, resistance, and deformation testing
- High efficiency air drive section
- Double acting pump elements provide consistent fluid pressures
- Hydraulic chambers are made of ultra-strong components, which makes this pump ideal for long-term pressure sustaining applications such as burst testing and nondestructive testing
- Delivers pressures up to 26,500 PSI
- Available in stainless steel and for use in water applications (INOX)

NOTE: Always fit an air filter/regulator with 20 micron rating and 30 scfm capacity.

Ordering Information:

P825-65-N-FR

RATIO	
1:65	65
1:120	120
1:170	170
1:265	265

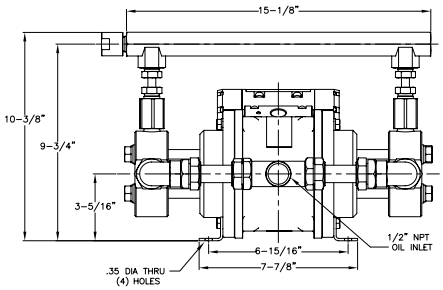
SEALS	
Buna	N
Fluorocarbon	V
EPR	E
Water Applications	INOX

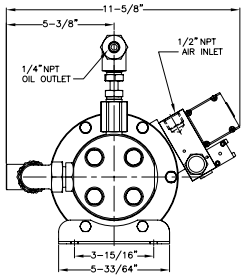
AIR FILTER	
Filter/Regulator	FR

EXAMPLE ORDER: P825-65-N-FR = P825 pump with a 1:65 ratio, Buna seals, and an air filter/regulator.

P825 SERIES

Dimensional Data:

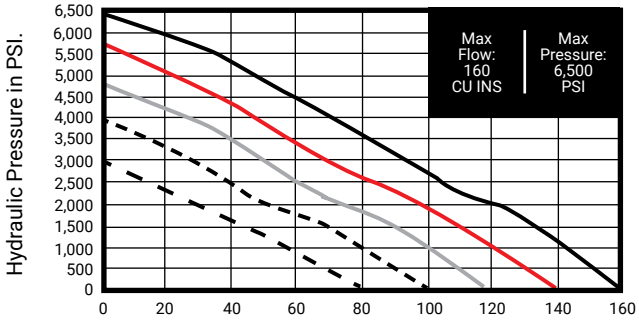




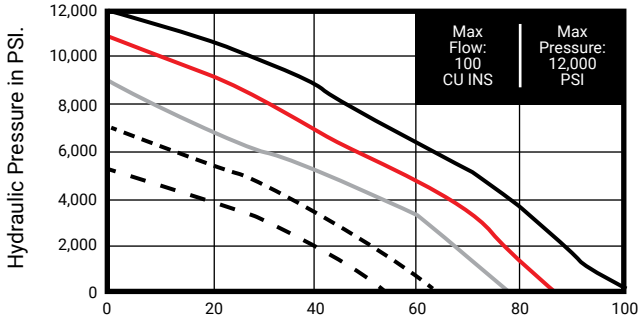
Performance Guides:

100 PSI **90** PSI		**75** PSI **60** PSI		**45** PSI	

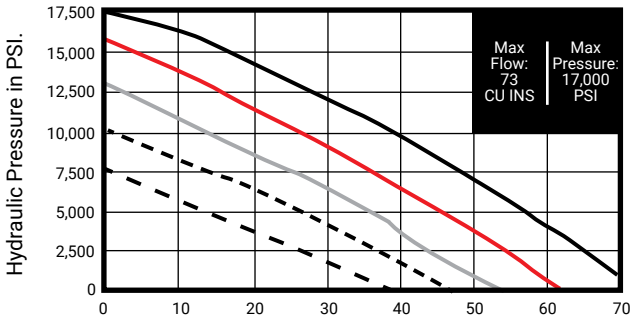
P825-65
Fluid Flow Against Pressure



P825-120
Fluid Flow Against Pressure



P825-170
Fluid Flow Against Pressure



P825-265
Fluid Flow Against Pressure