

PULSAR®

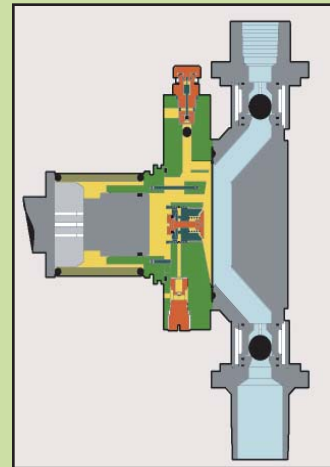
Hydraulic Diaphragm Metering Pump



Pulsar® is the global standard in the Metering Pump Industry. Pulsar brand products are designed with complete modularity and a multitude of standard features that makes selection simple, customization standard, commissioning intuitive, operation reliable and maintenance negligible.

KEY FEATURES:

- Instant visual indication of proper oil level fill, overpressure, and proper air bleeding of the hydraulic fluid
- Four bolt tie bar design provides the ultimate resistance to piping moments and forces
- Externally adjustable hydraulic by pass valve
- Push-to-prime valve allows manual air removal from the hydraulic oil in addition to the automatic air bleeding
- 5 year warranty on the gearbox



PULSAFEEDER
A Unit of IDEX Corporation

PULSAR®
PUMPS



Performance Specifications:

Pump Model & Head Size	Maximum Capacity Range Metal Wetted Ends Only Consult your Pulsafeeder sales representative for non-metallic wetted ends				Rated Pressure ¹	
	60 HZ GPH	60 HZ LPH	50 HZ GPH	50 HZ LPH	PSIG	BAR
Includes all stroking rates						
25HJ A Head	0.49 – 1.47	1.8 – 5.5	0.41 – 1.5	1.5 – 5.6	3190	220
25HJ B Head	0.9 – 7.1	3.7 – 27.2	0.8 – 7.3	3.0 – 28.0	2095 & 980	144.5 & 67.5
25HJ C Head	6.5 – 35.3	24.9 – 133.4	5.4 – 36.3	20.6 – 137.3	393 & 220	27 & 15.2
25HJ D Head	18.7 – 55.7	70.7 – 210.7	15.4 – 57.3	58.5 – 216.8	142	9.8
25HL B Head	1.3 – 7.2	5.0 – 27.6	1.1 – 7.4	4.1 – 28.4	150	10.4
25HL C Head	5.5 – 41.9	20.9 – 158.6	4.5 – 43.1	17.3 – 163.2	150	10.4
25HL D Head	25.2 – 117.7	95.6 – 445.3	20.9 – 121.1	79.1 – 458.2	87 & 56	6 / 4
55HL B Head	1.0 – 5.9	3.9 – 22.5	0.85 – 6.1	3.2 – 23.1	3190 & 2220	220 & 153
55HL C Head	4.9 – 40.6	18.8 – 153.6	4.1 – 41.7	15.6 – 158.0	1040 & 417	71.7 & 28.8
55HL D Head	24.7 – 116.4	93.5 – 440.6	20.5 – 119.8	77.4 – 453.4	235 & 150	16.2 & 10.4

1 – If two pressures are shown, this indicates two different diameters of pistons are available – the higher pressure for the smaller, the lower pressure for the larger piston.

Pulsar pumps are available with PTFE/elastomer composite, PTFE solid, and leak detection diaphragms.

Standard Features:

- Stainless Steel hardware on liquid end
- Three component check valves
- Steady-state accuracy of +/- 0.5%
- Manual stroke length adjustment

Optional Features:

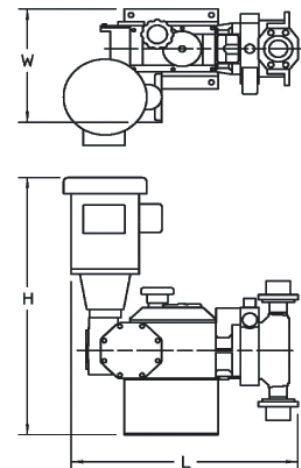
- Microprocessor based controls
- MODBUS serial communication
- PULSAlarm[®] leak detection system
- Stainless Steel Base
- Multiplex systems for engineerd applications

Standard Liquid End Materials of Construction:

Const. Ref.	Reagent Head	Flat Diaphragm	Check Valves			Cap & Guide
			Ball	Seat	Gasket	
316SS	316SS	TFE FACED	316SS	316SS	PTFE	316SS
H ₂ SO ₄	316SS	TFE FACED	HCO	020SS	PTFE	316SS
20SS	020SS	TFE FACED	HCO	020SS	PTFE	020
PVC	PVC	TFE FACED	ALA	PVC	PTFE	PVC
PVDF	PVDF	TFE FACED	HCO	PVDF	PTFE	PVDF

ALA = Alumina Ceramic HCO = Alloy C H₂SO₄ = Sulfuric Acid Construction 020 = Alloy 20

Approximate Overall Dimensions:



DIM	MODEL 25		MODEL 55	
	INCH	MM	INCH	MM
L	18.7	475.5	19.4	493.5
W	10.6	269.3	10.6	269.3
H	32.1	816.2	32.1	816.2
APPROX SHIP WT.	125LBS	56.7Kg	140LBS	63.5Kg

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Engineered Pump Operations
2883 Brighton-Henrietta Town Line Road
Rochester, New York 14623 USA
Telephone: 585-292-8000
Fax: 585-424-5619
<http://www.pulsa.com> - Email: pulsa@idexcorp.com



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