INWELL INCORPORATED 19434 OIL CENTER BLVD HOUSTON, TX 77073 281-443-7614 WWW.INWELL.COM

7.75"

7/8 Lobe 4.0

# **Dimensional Specifications**

#### R&M and PV Replacement

OR	Ove	Overall		Contour Length		Eccentricity		Major Diameter		Rotor Head Diameter		ght	Material	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg		
2	196.3	4985	188.3	4782	0.293	7.44	5.186	131.72	4.750	120.70	883	401	17-4SS	
	Thread	Thread Form:		1/2 AP	IF									

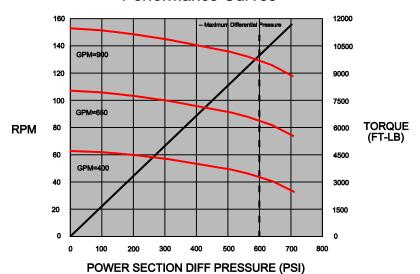
Overall Length		Rubber Cut Back		Tube OD		Tube ID		Minor D	Weight			
inch	mm	inch	mm	inch	mm	inch	mm	Stator Size	inch	mm	lbs	kg
203.2	5161	8.0	203	7.75	196.9	6.25	158.8	Standard	4.581	116.36	1024	464
Material:				4142	Seam	less T	ubing	Oversize	4.606	116.99		
Number of Stages:				4.00				Double Oversize	N/A	N/A		
	Len	Length inch mm 203.2 5161	Length Cut I inch mm inch 203.2 5161 8.0  Mat	Length         Cut Back           inch         mm         inch         mm           203.2         5161         8.0         203           Material:	Length         Cut Back         O           inch         mm         inch         mm         inch           203.2         5161         8.0         203         7.75           Material:         4142	Length         Cut Back         OD           inch         mm         inch         mm         inch         mm           203.2         5161         8.0         203         7.75         196.9           Material:         4142         Seam	Length         Cut Back         OD         II           inch         mm         inch         mm         inch           203.2         5161         8.0         203         7.75         196.9         6.25           Material:         4142 Seamless T	Length         Cut Back         OD         ID           inch         mm         inch         mm         inch         mm         inch         mm           203.2         5161         8.0         203         7.75         196.9         6.25         158.8           Material:         4142         Seamless Tubing	Length         Cut Back         OD         ID         Minor D           inch         mm         inch         mm         inch         mm         Stator Size           203.2         5161         8.0         203         7.75         196.9         6.25         158.8         Standard           Material:         4142 Seamless Tubing         Oversize           Double	Length         Cut Back         OD         ID         Minor Diameter           inch         mm         inch         mm         inch         mm         Stator Size         inch           203.2         5161         8.0         203         7.75         196.9         6.25         158.8         Standard         4.581           Material:         4142 Seamless Tubing         Oversize         4.606           Double           Double           Double	Length         Cut Back         OD         ID         Minor Diameter           inch         mm         inch         mm         inch         mm         Stator Size         inch         mm           203.2         5161         8.0         203         7.75         196.9         6.25         158.8         Standard         4.581         116.36           Material:         4142 Seamless Tubing         Oversize         4.606         116.99           Double         N/A         N/A	Length         Cut Back         OD         ID         Minor Diameter         We           inch         mm         inch         mm         inch         mm         inch         mm         lbs           203.2         5161         8.0         203         7.75         196.9         6.25         158.8         Standard         4.581         116.36         1024           Material:         4142 Seamless Tubing         Oversize         4.606         116.99           Double         N/A         N/A

NBR-1A or HSN-38 Rubber

#### **Operational Specifications**

Torque Slope		Recommended Max Differential Pressure				Stall Differential Pressure		Stall Torque		75° F (25° C) Nominal Comp Fit		Max Recommended Power	
ft-lb/PSI	N.M/Kpa	PSI	Кра	ft-lb	N.M.	PSI	Кра	ft-lb	N.M.	Inch	mm	HP	кw
16.589	3.262	600	4140	9950	13490	900	6210	14930	20240	0.019	0.48	283	211
Flow Range:				400 to 900 G.P.M. 1510 to 3410 LPM					Oversize				
	Rota	tion:		0.166 Rev/Gal 0.044 Rev/Lit					os	-0.006	-0.152		
	Speed	Range:		60 to 150 RPM					ры оѕ	N/A	N/A		

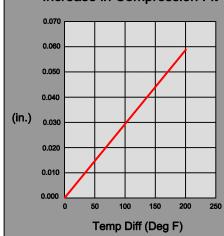
## **Performance Curves**



Operating a power section above the maximum recommended differential pressure will reduce stator life.

Performance Curves are for reference only. Actual power section performance my vary depending on the down hole temperature and rotor/stator fit. Performance data are subject to change without notice. Power calculation is based on maximum RPM and full torque. Copyright 2003 All rights reserved.

## Increase in Compression Fit



Temperature increases the rotor/stator compression fit, increases the stall torque, and reduces stator life.