

# FLOW

## Fullbore Spinner

### Application

The Fullbore Spinner is a versatile and reliable fluid velocity measurement tool that incorporates a collapsible impeller that allows the spinner to be run through the tubing and expand into a large diameter casing. This design provides a velocity measurement of a large cross-sectional area. The sensitivity of a Fullbore Spinner results in accurate flow measurement across the cross-section of the well.

### Features

- Collapsible Impeller to 1.375"
- Large Cross-Sectional Velocity Measurements
- Increased Sensitivity - More Accurate Flow Measurements

### Fullbore Spinner

Type	Size	Part No.
Standard Service	5"	AM005WA0002
	7"	AM005WA0008
H2S Service	5"	AM005WB0002
	7"	AM005WB0008



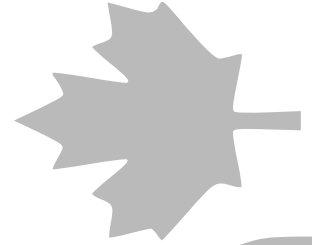
## Spare Parts and Accessories

Type	Number of Parts		Part No.
	5"	7"	
Bow Spring 5"	4	-	PM005SA0028
Bow Spring 7"	-	4	PM005SA0037
Undercut Phillips 8-32 x 0.3125"	16	16	PFU8-32SB031
Impeller Assembly 3"	1	-	AM005UU0015
Impeller Assembly 4"	-	1	AM005UU0022
Impeller Assembly 5"	-	optional	AM005UU0023
Pin 1/8" diameter x 0.70"	8	8	PM005NE0036
Pin 3/32" diameter x 0.58"	4	4	PM005NE0037
Pin 3/32" diameter x 0.65"	4	4	PM005NE0038
Bearing	2	2	PM005UU0029
Socket Head Screw 4-40x0.188"	1	-	PE545UU0071
Set Screw 10-32x0.19"	1	1	SSC10-32SB019
Hex Socket Cap Screw 4-40x0.1875"	8	8	SCC4/40SB0188
Socket Set Screw 6-32x3/16"	-	2	SSS6-32x3/16SB
Socket Cap Screw 8-32x3/16"	1	1	SCC8-32SB01875
Short Shaft Spacer	1	1	PM005SD0020
Long Shaft Spacer w/ Guard	1	1	PM005SD0041
Impeller Shaft 5"	1	-	PM005TA0017
Impeller Shaft 7"	-	1	PM005TA0051
Impeller Shaft Nut	1	1	PM005TA0018
Nose Cone	1	1	PM005UU0025
Long Arms 5"	4	-	PM005UU0009
Long Arms 7"	-	4	PM005UU0049
Accessories			
Spring Wear Gauge		PM005SA0062	



## Specifications

	Details	
	5" Model	7" Model
OD (collapsed)	1.375 in (34.9 mm)	1.375 in (34.9 mm)
OD (expanded)	5 in (127 mm)	7 in (178 mm)
Length	20.1 in (510 mm)	27.6 in (700 mm)
Weight	4 lbs (1.8 kg)	6 lbs (2.7 kg)
Temperature Rating	350°F (177°C) or greater	
Pressure Rating	15,000 psi (103.5 MPa)	
Threshold Velocity	3.28 ft/min (1 m/min)	
Spinner Response	0.037 rps/ft/min (0.12 rps/m/min)	



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