

PHAZER Z

SAP 1001570702

- Low coefficient of friction providing low torque and drag.
- Suitable for long horizontal and ERD well bores.
- High strength axial and radial loading.
- Exceptionally durable materials suitable for high temperature wellbores and long life cycles.
- Ensures consistent ultra low friction performance to final target depth in ERD wells.
- Patent pending Robotic manufacturing ensuring high quality repeatable product.
- Free flow solid blade design provides excellent cement placement and guaranteed stand-off.
- Centralizer placement / T&D analysis available.
- Sizes available 4 1/2" – 9 5/8".
- Made in Saudi Arabia



| TECHNICAL INFORMATION | |
|-----------------------|--------------|
| Size | 9 5/8" x 12" |

| Dimensions | Inches |
|------------|--------|
| Blade OD | 12.00" |
| ID | 9.89" |
| Length | 10.0" |
| Hole Size | 12.25" |

| Specifications | |
|----------------------|----------------------|
| Centraliser Type | Solid Body |
| Centraliser Material | Zinc Alloy |
| Blade Type | RH Spiral |
| Number of Blades | 5 |
| Flow by Area | 34.5 in ² |
| Temp Rating | > 400F |
| Coated Pipe Suitable | Yes |
| Chemical Resistant | Yes |
| Weight | 13.0Kg |
| Axial Load Rating | > 100 tons |
| Side Load Rating | As Per Casing |

| Contract Information | |
|----------------------|-----------------------|
| ARAMCO SAP | 1001570702 |
| SAJA Part Number | 000046-03 |
| Vulcan Part Number | PHZ00-09625-1200-0001 |
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