

## Access375

## Access450

### Tubing Stop

O.D. (in.)	3.72	4.50
LENGTH (ft.)	1.57	1.57

### Tubing Packoff

O.D. (in.)	3.72	4.50
LENGTH (ft.)	2.83	2.88

### Standing Valve

O.D. (in.)	3.72	4.50
LENGTH (ft.)	1.32	2.00

### Stinger

O.D. (in.)	3.72	4.50
LENGTH (ft.)	0.88	1.00

### PBR

O.D. (in.)	3.72	4.50
LENGTH (ft.)	2.10	3.00

### Pump & Intake (depending on application)

O.D. (in. Typical)	3.75	4.50
LENGTH (ft.) <sup>1,4</sup>	varies	varies

### Seal (Protector) (depending on application)

O.D. (in.)	3.38 or 3.75	4.50
LENGTH (ft., Typical) <sup>1</sup>	6.50	6.50

### Permanent Magnet Motor (PMM)

O.D. (in.)	3.75	4.50
Horsepower (see PMM section)	130 to 400	400 to 1,000
LENGTH (ft.) <sup>1</sup>	HP dependent	HP dependent

### Gauge

O.D. (in.)	3.75	4.50
LENGTH (ft.)	2.50	3.00

### Plug Arm Assembly

O.D. (in.)	3.75	4.50
LENGTH (ft.)	11.83	12.50

### Motor Guide

O.D. (in.)	3.75	4.50
LENGTH (ft.)	0.50	0.50



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### Specifications - Retrievable System

ESP Size (nominal)	3.75"	4.50"
Conveyance Options	Slickline, Braided Line, Coiled Tubing, Tractor	
Typical System Length <sup>1</sup>	85 ft.	85 ft.
Typical System Weight <sup>1</sup>	1,900 lbs.	3,300 lbs.
Typical Deployment Length <sup>2</sup>	40 ft.	40 ft.
Typical Deployment Weight <sup>2</sup>	1,000 lbs.	1,500 lbs.

### Environmental Specifications

Max. winding operating Temp.	400 degF	400 degF
Max. work ambient temp.	350 degF	350 degF
Pressure	7,500 psi	7,500 psi

### Performance

Max. Horsepower	400 HP	1,000 HP
Max. Flow <sup>3,4</sup>	7,500 bbl/d	12,000 bbl/d (5.5" tbg.)

### Annular Connection Port (ACP)

Min. Tubing Size	4.5"	5.5"
Min. Casing Size	7"	8.625" (8 5/8")
Length	8.5 ft.	10 ft.
Max. O.O.	5.85"	6.50"
Thru Bore Diameter	3.83"	4.62"
Burst Pressure w/Iso Sleeve <sup>5</sup>	10,000 psi	10,000 psi
Collapse Pressure w/Iso Sleeve <sup>5</sup>	6,000 psi	6,000 psi

### In-Line Connection Port (ICP)

Min. Tubing Size	4.5"	5.5"
Min. Casing Size	9.625"	9.625" (9 5/8")
Length	14 ft.	18 ft.
Max. O.O.	7.63"	8.25"
Thru Bore Diameter	3.83"	4.62"
Burst Pressure w/Iso Sleeve <sup>5</sup>	7,000 psi	10,000 psi
Collapse Pressure w/Iso Sleeve <sup>5</sup>	7,000 psi	10,000 psi

Notes:

- 1 – Depends on well application
- 2 – Excludes Running Tools (above length, estimated typical per run section)
- 3 – Based on ESP Pump Design
- 4 – When casing sizes permit, larger tubing can be run allowing larger OD pumps, hence flowrate.  
(Est. Max. range: 7,500 bbl/d w/ 4-12" tubing, 12,000 bbl/d w/ 5-1/2" tubing, 30,000 bbl/d w/ 7" tubing)
- 5 – Based on 80ksi material, higher ratings available upon request. Higher rating upon request.



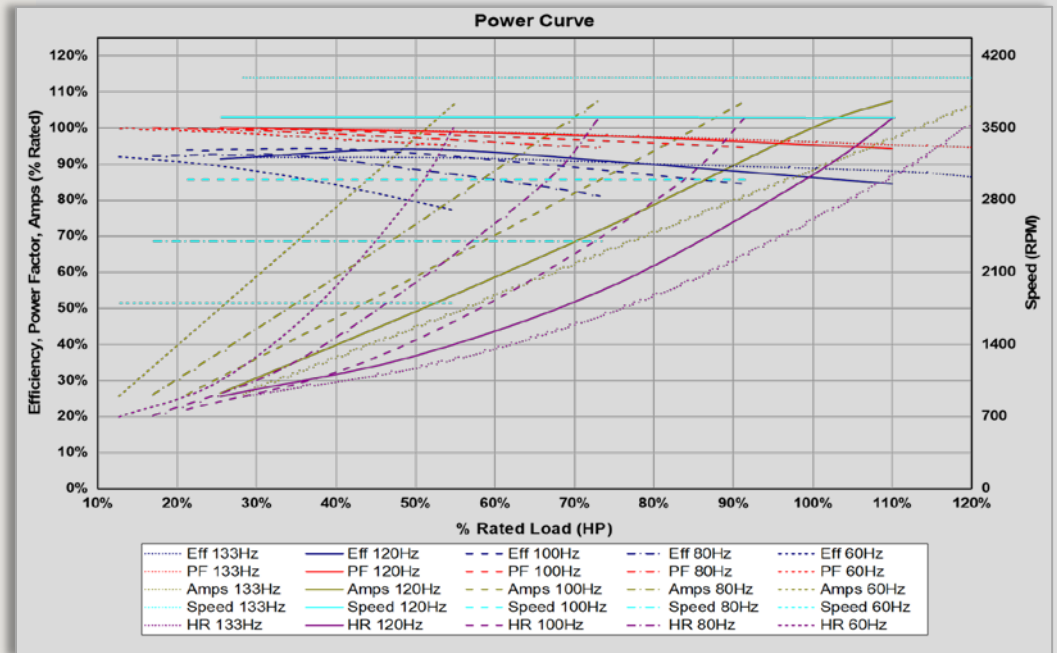
Annular Connection Port (ACP)



In-line Connection Port (ICP)

# Permanent Magnet Motor

TECHNICAL SPECIFICATIONS



## AccessESP PMM Motor

## Conventional ESP Induction Motor

System / Size	Power	Length (ft.)	Weight (lbs.)	Length (ft.)	Weight (lbs.)
<b>Access375</b> 3.75 OD (in.) (4.5/5.5 tubing) (in.)	130 HP	9.1	235.0	51.2	1,980.0
	250 HP	16.4	424.0	84.0	3,400.0
	400 HP	23.7	614.0	Not Available	Not Available
<b>Access450</b> 4.5 OD (in.) (5.5 tubing) (in.)	400 HP	16.4	611.0	47.2	2,200.0
	600 HP	23.7	884.0	70.0	3,200.0
	1,000 HP	38.75	1,445.0	Not Available	Not Available