

Patented Positive Mechanical Stop Slip Design

- Limits slip travel.
- Reduces hoop stress in wellhead body.
- Slip load capacity equals thread joint capacity.
- Will not crush pipe ID below API drift.
- Non-restrictive to side outlet flow.

Contoured Packing Design

- For improved seal.

Improved Top Metal Ring Design

- Prevents packing extrusion.

Interchangeable Parts

- All internal parts on 1500, 2000 & 3000 PSI WP LM70 models are interchangeable.

SPECIFICATIONS

Bottom Thread	7" 8rd API*	7" 8rd API*	7" 8rd API*
Bottom Connection	Male Short or Fem. Short	Male Short, Fem. Long or Fem. Slip Joint	Fem. Long or Fem. Slip Joint
Working Pressure	1500 PSI	2000 PSI	3000 PSI
Test Pressure	3000 PSI	4000 PSI	6000 PSI
Max. Body Load (2:1 SF)	90,000 lbs.	120,000 lbs.	120,000 lbs.
Cap Thread	8-5/8" 8rd API mod.**	8-5/8" 8rd API mod.**	8-5/8" 8rd API mod.**
Cap Material	Ductile Iron	Ductile Iron	Carbon Steel
Inner String	4-1/2", 5-1/2"	4-1/2", 5-1/2"	4-1/2", 5-1/2"
Suspension	Slip or Mandrel	Slip or Mandrel	Slip or Mandrel
Side Outlet	2" LP & 3" LP	2" LP & 3" LP***	2" LP & 3" LP***
Minimum Bore	6.440"	6.440"	6.440"
Body Material	Ductile Iron	Carbon Steel	Carbon Steel
Height	12"	13"	13"
Weight	93 lbs.	112 lbs.	117 lbs.

* Other thread styles available.

** Caution: R&M Energy Systems recommends using only API modified threaded Hercules flanges. See pg. 22.

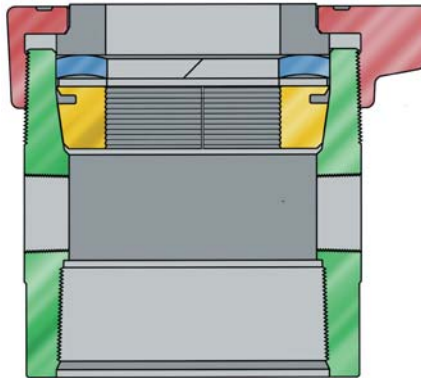
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A Unit of Robbins & Myers, Inc.

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Interchangeable Parts

- All internal parts on 1500, 2000 & 3000 PSI WP LM85 models are interchangeable.

SPECIFICATIONS

Bottom Thread	8-5/8" 8rd API*	8-5/8" 8rd API*	8-5/8" 8rd API*
Bottom Connection	Male Short or Fem. Short	Male Short, Fem. Short or Fem. Slip Joint	Fem. Short or Fem. Slip Joint
Working Pressure	1500 PSI	2000 PSI	3000 PSI
Test Pressure	3000 PSI	4000 PSI	6000 PSI
Max. Body Load (2:1 SF)	90,000 lbs.	180,000 lbs.	180,000 lbs.
Cap Thread	9-5/8" 8rd API mod.**	10-3/4" 8rd API mod.**	10-3/4" 8rd API mod.**
Cap Material	Ductile Iron	Ductile Iron	Carbon Steel
Inner String	2", 2-1/2", 3", 4-1/2", 5-1/2", 7"	2", 2-1/2", 3", 4-1/2", 5-1/2", 7"	2", 2-1/2", 3", 4-1/2", 5-1/2", 7"
Suspension	Slip or Mandrel	Slip or Mandrel	Slip or Mandrel
Side Outlet	2" LP	2" LP & 3" LP***	2" LP & 3" LP***
Minimum Bore	7.920"	7.920"	7.920"
Body Material	Ductile Iron	Carbon Steel	Carbon Steel
Height	12-1/2"	11-3/4"	11-3/4"
Weight	142 lbs.	200 lbs.	220 lbs.

* Other thread styles available.

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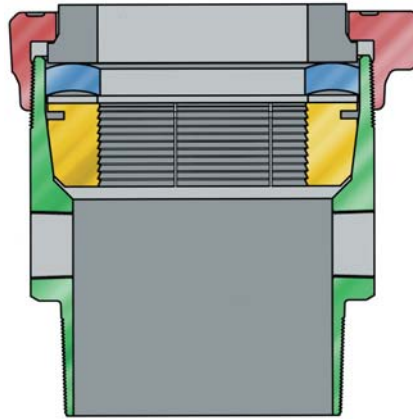
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Interchangeable Parts

- All internal parts are interchangeable with 2000 & 3000 PSI WP LM100 models.

SPECIFICATIONS

Bottom Thread	9-5/8" 8rd API*
Bottom Connection	Male Short, Fem. Short or Fem. Slip Joint
Working Pressure	2000 PSI
Test Pressure	4000 PSI
Max. Body Load (2:1 SF)	120,000 lbs.
Cap Thread	11-3/4" 8rd API mod.**
Cap Material	Ductile Iron
Inner String	2", 2-1/2", 3", 4-1/2", 5-1/2", 6-5/8", 7", 7-5/8"
Suspension	Slip or Mandrel
Side Outlet	2" LP & 3" LP***
Minimum Bore	8.875"
Body Material	Carbon Steel
Height	14"
Weight	270 lbs.

* Other thread styles available.

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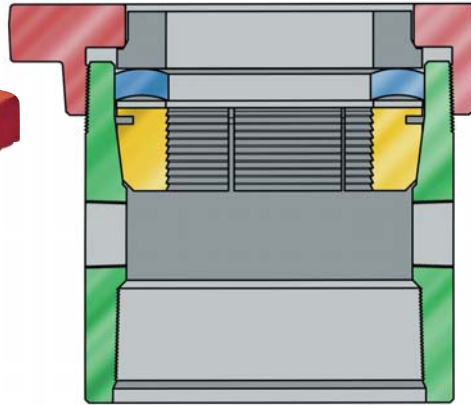
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Interchangeable Parts

- All internal parts are interchangeable with 2000 PSI WP LM95 & LM100 models.

SPECIFICATIONS

Bottom Thread	10-3/4" 8rd API*	9-5/8" 8rd API*	10-3/4" 8rd API*
Bottom Connection	Male Short	Fem. Short or Fem. Slip Joint	Fem. Short or Fem. Slip Joint
Working Pressure	2000 PSI	3000 PSI	3000 PSI
Test Pressure	4000 PSI	6000 PSI	6000 PSI
Max. Body Load (2:1 SF)	180,000 lbs.	180,000 lbs.	180,000 lbs.
Cap Thread	12-3/4" 8V API mod**	12-3/4" 8V API mod.**	12-3/4" 8V API mod.**
Cap Material	Carbon Steel	Carbon Steel	Carbon Steel
Inner String	2", 2-1/2", 3", 4-1/2", 5-1/2", 6-5/8", 7", 7-5/8", 8-5/8"	2", 2-1/2", 3", 4-1/2", 5-1/2", 6-5/8", 7", 7-5/8"	2", 2-1/2", 3", 4-1/2", 5-1/2", 6-5/8", 7", 7-5/8", 8-5/8"
Suspension	Slip or Mandrel	Slip or Mandrel	Slip or Mandrel
Side Outlet	2" LP & 3" LP***	2" LP & 3" LP***	2" LP & 3" LP***
Minimum Bore	9.920"	8.875"	9.920"
Body Material	Carbon Steel	Carbon Steel	Carbon Steel
Height	14"	13-3/4"	13-3/4"
Weight	275 lbs.	310 lbs.	303 lbs.

* Other thread styles available (11-3/4" available in 2000 PSI only).

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