

## NAS-2 Mechanical Production Packer

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The NAS-2 is a compression set production packer used for testing, stimulation and production. The packer is ideally suited for installations where the packer is run, the well perforated, treated and put on production. The NAS-2 is set with ¼ turn at the packer and packed off with compression. The set down weight closes the by-pass valve, sets the upper and lower slips and energizes the packing elements. The by-pass located above the packing elements allows debris to be washed from the upper slips when the packer is released.

### Features

- Standard ¼ turn to right to set, straight pull to release
- Internal by-pass reduces swabbing during run and retrieve
- Standard in 80K material for sour service
- Elastomer and metallurgical options available for hostile environments

### Benefits

- By-pass below upper slips to aid in washing of debris from upper slips when valve is open
- Compensating piston helps hold by-pass closed
- No hydraulic hold down buttons, reducing possible leak paths

### Applications

- Production
- Injection
- Testing



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## Technical Data

CASING				PACKER			
SIZE in. (mm)	WEIGHT lb/kg	Min. in.(mm)	Max in.(mm)	Gauge O.D.	Min. I.D. In.(mm)	Standard Connection	Product Number
2.875 73,02	6.4 - 6.5	2.376	2.441	2.250	0.609	1.050" EU 10 RD	15-611-1027
	9,52 - 9,67	60,35	62,00	25,15	15,47		
3.500 88,90	7.7 - 10.2	2.922	3.068	2.781	1.235	1.500" NU 10 RD	15-611-1535
	14,45 - 15,18	74,22	77,93	70,64	31,37		
4.500 114,30	13.5 - 15.1	3.826	3.920	3.661	1.923	2.375" EU 8 RD	15-611-2346
	20,09 - 22,47	97,18	99,57	92,99	48,84		
5.000 127,00	9.5 - 13.5	3.920	4.090	3.750	1.923	2.375" EU 8 RD	15-611-2347
	14,14 - 20,09	99,57	103,89	95,25	48,84		
5.000 127,00	18.0 - 21.4	4.126	4.276	4.000	1.923	2.375" EU 8 RD	15-611-2350
	26,78 - 31,84	104,80	108,61	101,60	48,84		
5.500 139,70	11.5 - 15.0	4.408	4.560	4.125	1.923	2.375" EU 8 RD	15-611-2351
	17,11 - 22,32	111,96	115,82	104,78	48,84		
5.500 139,70	14.0 - 20.0	4.892	5.044	4.625	1.984	2.375" EU 8 RD	15-611-2355
	20,83 - 29,76	124,26	128,12	117,48	50,39		
5.500 139,70	20.0 - 23.0	4.670	4.778	4.500	2.360	2.875" EU 8 RD	15-611-2755
	29,76 - 34,22	118,62	121,36	114,30	59,94		
5.500 139,70	15.5 - 20.0	4.778	4.950	4.625	2.360	2.875" EU 8 RD	15-611-2756
	23,06 - 29,76	121,36	125,73	117,48	59,94		
5.500 139,70	13.0 - 14.0	5.012	5.044	4.781	2.360	2.875" EU 8 RD	15-611-2757
	19,34 - 20,83	127,30	128,12	121,44	59,94		
7.000 177,80	26.0 - 32.0	5.875	6.276	5.875	2.485	2.875" EU 8 RD	15-611-2770
	38,69 - 47,62	149,22	159,41	149,23	63,12		
7.000 177,80	26.0 - 35.0	6.004	6.276	5.875	2.985	3.500" EU 8 RD	15-611-3570
	38,68 - 52,08	152,50	159,41	149,23	75,82		
7.000 177,80	17.0 - 29.0	6.184	6.538	5.969	2.485	2.875" EU 8 RD	15-611-2771
	25,30 - 43,15	157,07	166,07	151,61	63,12		
7.000 177,80	17.0 - 29.0	6.184	6.538	5.875	2.985	3.500" EU 8 RD	15-611-3571
	25,30 - 43,15	157,07	166,07	149,23	75,82		
7.000 177,80	17.0 - 26.0	6.276	6.538	6.000	2.485	3.500" EU 8 RD	15-611-2772
	25,30 - 38,69	159,41	166,07	152,40	63,12		
7.000 177,80	17.0 - 26.0	6.276	6.538	6.000	2.985	3.500" EU 8 RD	15-611-3572
	25,30 - 38,69	159,41	166,07	152,40	75,82		