



SPECIFICATIONS

<u>MODEL NUMBER</u>
3100-168-100
<u>TEMPERATURE RATING</u>
Continuous Operation: 350° F (176.7° C)
Maximum 1 Hour Operation: 425° F (218.3° C)
<u>PRESSURE RATING</u>
20,000 PSI (138 MPa)
<u>OAL (STATIC) LENGTH</u>
21.87" (55.55 cm)
<u>EXTENDED LENGTH WITH 400 LB LOAD</u>
22.25" (56.52 cm)
<u>MAXIMUM WEIGHT CAPACITY</u>
400 lbs (181.44 kg)
<u>TENSION STRENGTH</u>
50,000 lbs / in² (3,515.35 kg / cm²)
<u>AVAILABLE OPTIONS</u>
HNBR Elements – Standard Viton Elements - Optional Aflas Elements – Optional
Stainless Steel Subs & Housings
Exposure to hostile well conditions may require more frequent maintenance. CO₂ – 2 % H₂S – 2 %
Stainless Steel hardware along with either Viton or Aflas Elements is required for severe well conditions.



**1 11/16
INCH
(4.29 CM)**

SHOCK ABSORBER ASSEMBLY

99KB16AA Apr-05



SPECIFICATIONS

<u>MODEL NUMBER</u> 3100-168-200
<u>TEMPERATURE RATING</u> Continuous Operation: 350° F (176.7° C) Maximum 1 Hour Operation: 425° F (218.3° C)
<u>PRESSURE RATING</u> 20,000 PSI (138 MPa)
<u>OAL (STATIC) LENGTH</u> 20.75" (52.71 cm)
<u>EXTENDED LENGTH WITH 400 LB LOAD</u> 21.12" (53.64 cm)
<u>MAXIMUM WEIGHT CAPACITY</u> 400 lbs (181.44 kg)
<u>TENSION STRENGTH</u> 50,000 lbs / in² (3,515.35 kg / cm²)
<u>AVAILABLE OPTIONS</u> HNBR Elements – Standard Viton Elements - Optional Aflas Elements – Optional Stainless Steel Subs & Housings Exposure to hostile well conditions may require more frequent maintenance. CO₂ – 2 % H₂S – 2 % Stainless Steel hardware along with either Viton or Aflas Elements is required for severe well conditions.



**1 11/16
INCH
(4.29 CM)**

SHOCK ABSORBER ASSEMBLY

99KB16AB Apr-05



SPECIFICATIONS

MODEL NUMBER

3100-275-000

TEMPERATURE RATING

Continuous Operation:
350° F (176.7° C)

Maximum 1 Hour Operation:
425° F (218.3° C)

PRESSURE RATING

20,000 PSI (138 MPa)

OAL (STATIC) LENGTH

22.76" (57.81 cm)

EXTENDED LENGTH WITH 1,450 LB LOAD

23.26" (59.08 cm)

MAXIMUM WEIGHT CAPACITY

1,450 lbs (657.71 kg)

TENSION STRENGTH

125,000 lbs / in² (8,718.06 kg / cm²)

AVAILABLE OPTIONS

HNBR Elements – Standard
Viton Elements - Optional
Aflas Elements – Optional

Stainless Steel Subs & Housings

**Exposure to hostile well conditions may
require more frequent maintenance.**

CO₂ – 2 %

H₂S – 2 %

**Stainless Steel hardware along with either
Viton or Aflas Elements is required for
severe well conditions.**



**2 3/4
INCH
(6.99 CM)**

STOCK ASSEMBLY

99KB27AO Apr-05



SPECIFICATIONS

<u>MODEL NUMBER</u>
3100-312-000
<u>TEMPERATURE RATING</u>
Continuous Operation: 350° F (176.7° C)
Maximum 1 Hour Operation: 425° F (218.3° C)
<u>PRESSURE RATING</u>
20,000 PSI (138 MPa)
<u>OAL (STATIC) LENGTH</u>
22.81" (57.94 cm)
<u>EXTENDED LENGTH WITH 1,450 LB LOAD</u>
23.31" (59.21 cm)
<u>MAXIMUM GUN DIAMETER</u>
Not Applicable
<u>MAXIMUM WEIGHT CAPACITY</u>
1,450 lbs (657.71 kg)
<u>TENSION STRENGTH</u>
125,000 lbs / in² (8,718.06 kg / cm²)
<u>AVAILABLE OPTIONS</u>
HNBR Elements – Standard Viton Elements - Optional Aflas Elements – Optional
Stainless Steel Subs & Housings
Exposure to hostile well conditions may require more frequent maintenance. CO₂ – 2 % H₂S – 2 %
Stainless Steel hardware along with either Viton or Aflas Elements is required for severe well conditions.



**3 1/8
INCH**
(7.94 CM)

SHOCK ABSORBER ASSEMBLY

99KB31A0 Apr-05