

TRIEBSEITE
drive side

48 hexagonal screws M30 ANSI B 18.2.3.3M
48 Sechskantschrauben M30 ANSI B 18.2.3.3M
ASTM A 193 Grade B7 (ASME SA 193 Gr. B7)

8 cheese-head screws M30 ANSIB 18.3.1M
8 Zylinderschrauben M30 ANSIB 18.3.1M
ASTM A 193 Grade B7 (ASME SA 193 Gr. B7)

ASTM A 395 (ASME SA 395)
stress relieved by ferritizing

National Board Serial Number:
Seriennummer der nat. Behörde :

manufacturer:
Hersteller :

serial No.:
Herstell-Nr. :

year of manufacture:
Herstelljahr :

perm. operating pressure above atmospheric, max.:
zulässiger Betriebsüberdruck .max.:

perm. operating temperature:
zulässige Betriebstemperatur:

minimum design metall temperature :
Min. Berechnungstemperatur :

volume of pressure chamber:
Inhalt des Druckraumes :

empty weight of dryer:
Zylinder leergewicht :

hydraulic test - test pressure above atmospheric:
Wasserdruckprobe Prüfüberdruck :

Voith Sao Paulo

1999

10.34 bar (150 psi)

230 °C (446 °F)

0 °C (32 °F) at 150 psi

7 700 L (2034 USgal)

10 100 kg (22267 lb)

20.68 bar (300 psi)

total length = 182,24" / 175".98
Gesamtlänge = 4629 / 4470

distance between bearing centerlines of dryer 166.93" (unsymmetric)
LE - Zyl. = 4240 unsymmetr.

distance between bearing centerlines of dryer = 161.42"
LE - Trockenpartie = 4100

shell length = 127.95"
ML = 3250

! seal 0,12" thick - C4430
! Dichtung 3mm dick C4430

manhole cover, dwg. No. AP.8139.67
Mannlochdeckel Z.Nr.: AP.8139.67
ASME SA 285 Gr. C

Blind Flange

8 Stege 90 x 70
8 webs 3.54" x 2.75"

ASTM A 395 (ASME SA 395
stress relieved by ferritizing

ASTM A 395 (ASME SA 395)
stress relieved by ferritizing

FÜHRERSEITE
tender side

Detail X

ceramic fiber cord $\phi 3$
(no asbestos)

metal to metal

ceramic fiber cord ϕ
(no asbestos)

VISTA "A"
VIEW

CORTE C-C
SECTION

DIGITALIZADO

✓

02-MAR-1999 07:22

ASTM A 278 CL.40 (ASME SA 278 Class40)

Berechnung, Konstruktion, Prüfung und Abnahme
nach ASME Code Section VIII, Div. 1, Ed. 1998 without Ad.
Calculation, design, testing and acceptance
as per the rules of ASME code section VIII, Div. 1, Ed. 1998, without Ad

Rev.	DESIGN PROJETO	
	Date/Data	App./Aprov
0	04/jan	Robson
1		
2		
3		
4		

Zusatzkräfte :
 Konstruktionsgeschwindigkeit $v_k = 915 \text{ m/min. (3000 ft/min)}$
 Wuchtgeschwindigkeit $v = 915 \text{ m/min. (3000 ft/min)}$
 Trockensiebzug = $4,5 \text{ kN/m (25 PLI)}$ - einfach
 Additional forces :
 design speed $v_k = 915 \text{ m/min. (3000 ft/min)}$
 balancing speed $v = 915 \text{ m/min. (3000 ft/min)}$
 dryer wire tension = $4,5 \text{ kN/m (25 PLI)}$ - single

[illegible][illegible]

DIN A2 VOITH -CAL