

300 LB. ANSI 14" R.F. FLANGE
(20) 1-1/8-8UN-3B TAPPED HOLES
STRADDLING CENTERS ON 20-1/4 B.C.

GUARD TO BE FITTED TO THE
DRIVER CONTOUR IN COMPLIANCE
WITH ANSI B15.1

COMPRESSOR

49-27/32 TO SUCTION
CENTERLINE

DETAIL "A"

COUPLING GUARD
SHOWN IN TOP ORIENTATION

NOTE:
SPACE WITHIN OVERALL LENGTH
& WIDTH DIMENSIONS SHOWN ON
THIS DRAWING MUST BE KEPT CLEAR
FOR COMPRESSOR APPARATUS.

ALLOWABLE FORCES & MOMENTS		
	ALLOWABLE RESULTANT FORCE - LBF	ALLOWABLE RESULTANT MOMENT FT - LB
5" SIDE LOAD FLANGE	750.	1250.
8" SIDE LOAD FLANGE	1,950.	5,000.
14" DISCHARGE FLANGE	4,000.	17,000.
20" SUCTION FLANGE	6,000.	33,500.

300 LB. ANSI 20" R.F. FLANGE
(24) 1-1/4-8UN-3B TAPPED HOLES
STRADDLING CENTERS ON 27 B.C.

OVERHEAD CLEARANCE NECESSARY FOR
REMOVING UPPER HALF OF CASING

DIRECTION OF ROTATION

RADIAL PROBES (HORIZ & VERT.)
KEYPHASOR PROBE
AXIAL PROBES

(3) 3/4 NPT E
CONDUIT CONNS.

SUCTION PRESS.
3/4 NPTI CONN.

DISCHARGE PRESS.
3/4 NPTI CONN.

SUMP DRAINS
1/2 NPTI

1000 WATT OIL HEATER
1-1/2 NPTI DIA CONDUIT CONN.
2500 WATT OIL HEATER
1-1/2 NPTI DIA CONDUIT CONN.

2500 WATT OIL HEATER
1-1/2 NPTI DIA CONDUIT CONN.

2 NPTI AOP SUCTION CONN.

(4) 1-3/16 DRILL
HOLES

CROSSHAIR SCRIBE MARK
(TYP. 3 PLACES)

(12) 5/8-11 UNC-3B
TAPPED HOLES

(16) 7/8-9 UN-3B
TAPPED HOLES

CASING STAGE DRAINS
(6) 3/4-14NPT E CONNS

YORK FLANGE	DIM "H"
8" 300 PSI	6-5/16"
5" 300 PSI	4-3/16"

08-177539-01

YORK INTERNATIONAL CORPORATION
YORK, PA. 17405

REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.	REV. LEV.	DATE	REVISION RECORD	CHG. NO.	DR.	CK.
-	NEW		9908														
			3609														

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DIMENSIONS ARE IN INCHES
DO NOT SCALE
TOLERANCES PER ENG. STD. M-282
WELDING PER ENG. STD. M-30
REF. DWG.

COMPR., ARRGT.
55" RIVERHAWK CPLG.
MULTI-STAGE TURBO

MATERIAL
TYPE _____ ENG. STD. _____
PART NO. _____
CUT SIZE _____

NAME	DATE	SIZE	CAGE NO	DRAWING NUMBER
DR. D.B. GRAYBILL	02-27-09	D	66935	081-17404-000
APPR. B.L. KNAUB	03-03-09			
SCALE: N.T.S.				

WT. = _____ LBS. ORIG. NO. 081-17404D SHEET

CS. 08-177539.ARRGT. 081-17404