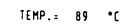


DIN 747
DIN EN 735
DIN 1686 GTB10
EN ISO 13920
DIN ISO 2768-m

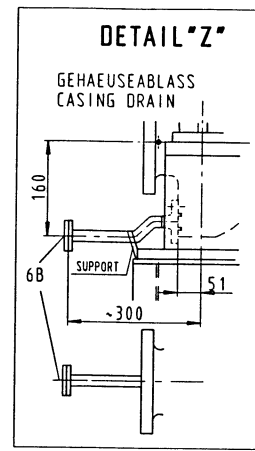
DIN 747
DIN EN 735
DIN 1686 GTB18
EN ISO 139208
DIN ISO 2268-m



ZULAESSIGE KRAEFTE UND MOMENTE ENTSPRECHEN MIN.2X API 610/B.
DIE ANGABEN GELTEN FUER STATISCHE ROHRLASTEN.
BEI UEBERSCHREITUNG IST NACHPRUEFUNG ERFORDERLICH.
ADMISSIBLE FORCES AND MOMENTS CORRESPOND TO MIN.2X API 610/B.
DATA GIVEN BELOW ARE ONLY VALID FOR STATIC PIPING LOADS.
IF VALUES ARE EXCEEDED CHECK IS NECESSARY.

KRAEFTE, MOMENTE / FORCES, MOMENTS

	SAUGSTUTZEN SUCTION NOZZLE				DRUCKSTUTZEN DISCHARGE NOZZLE			
KRAEFTE FORCES (N)	F _x	F _z	F _y	F _{res}	F _x	F _z	F _y	F _{res}
MOMENTE MOMENTS (Nm)	M _x	M _z	M _y	M _{res}	M _x	M _z	M _y	M _{res}
	1780	1160	1430	2560	1430	1780	1160	2560
	920	710	460	1250	920	710	460	1250

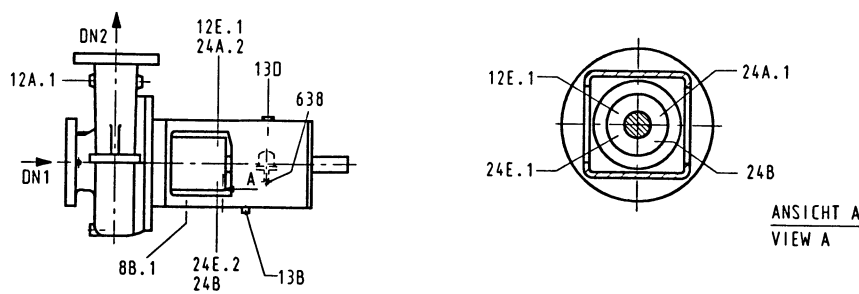






31M	M10	ERDUNGSANSCHLUSS - EARTHING CONNECTION	-	X	-	-	-	-
24B	NPT 1/2	QUENCHFLUESSIGKEIT ABLAUSS - QUENCH LIQUID DRAIN	X	-	-	-	-	-
24E.2/24A.2	NPT 1/2	QUENCHFLUESSIGKEIT EIN/AUS - QUENCH LIQUID INLET/OUTLET	X	-	-	-	-	-
12E.1/12A.1	NPT 1/2	ZIRKULATIONSFL. EIN/AUS - CIRCULATION LIQUID INLET/OUTLET	-	-	X	-	-	-
9B.1	NPT 1	LECKABLAUSS - LEAKAGE DRAIN	-	-	X	-	-	-
9B	NPT 1	LECKABLAUSS GRUNDPLATTE - LEAKAGE DRAIN BASEPLATE	-	X	-	-	-	-
6B	NPS1"	GEMAEUSEBLAUSS - CASING DRAIN	BLIND FLANGE		-	-	-	-
13B	NPT 1/2	OELABLAUSS - OIL DRAIN			-	-	-	-
13D	NPT 1/2	ENTLUEFTUNGSTOPFEN - VENT PLUG	X	-	-	-	-	-
63B	NPT 1/4	OELSTANDSREGLER - CONSTANT LEVEL OILER	WIRD LOSE MITGELIEFERT - LOOSE ITEM					-
ANSCHLUSS CONNECTION	GROSSE SIZE	BEZEICHNUNG DESIGNATION	MIT STOPFEN VERSCHLOSSEN/ CLOSED WITH SCREW PLUG	KUNDE/ CUSTOMER	KSB	ERF. MENGE/ QUANTITY REQ.	ACTUAL PRESSURE	DESIGN PRESSURE
		GEWINDE NACH DIN ISO 228, TEIL 1 UND ISO 7/1 (ENTSpricht DIN 2999 Teil 1) / BOREAD ACC. TO DIN ISO 228, PART 1 AND ISO 7/1 (CONFORMING TO DIN 2999, PART 1)		SCHLIESST AN/ CONNECTED BY		L/MIN	BAR G	BAR G
ANSCHLUESSE / CONNECTIONS			DIE AUSFUHRUNG DES AUFTRAGES IST DURCH X GEKENZEICHNET / THE EXECUTION OF THE ORDER IS MARKED BY X					



6B	ASME B16.5 CL 300RF NPS1"	PUMP DRAIN FLANGE
DN2	ASME B16.5 CL 300RF NPS1"	PUMP DISCHARGE FLANGE
DN1	ASME B16.5 CL 300RF NPS1-1/2"	PUMP SUCTION FLANGE
ANSCHLUSS CONNECTION	AUSFÜHRUNG DESIGN	REMARKS
FLANSCH / FLANGES		

GRUNDPLATTENGROSSE BASEPLATE SIZE	ZN24259-6S
MOTORGROSSE MOTOR SIZE	SCHÖRCH KA7 112M-AB01G-V 2900RPM / 3,6kW
KUPLUNGSGROSSE COUPLING SIZE	FLENDER N-EUPEX H 95-140
GROSSEN / SIZES	

PUMPE	PUMP	116
GRUNDPLATTE	BASEPLATE	159
KUPPLUNG	COUPLING	9
ANTRIEB	DRIVE	27
-	-	-
-	-	-
GESAMT	TOTAL	311
GEWICHTE / WEIGHTS		KG

[illegible]

-	1	2001-10-16	AS BUILT	DRESSSEL	KOSZMAK	SCHPM	WALTERUS												
-	8	2001-08-01	1ST EDITION	DRESSSEL	KOSZMAK	SCHPM	WALTERUS												
STATUS	ISSUE	DATE	DESCRIPTION	PRI. BY	CHK BY	APP. BY	PROL ENGR												
DRAWING TITLE				GENERAL ARRANGEMENT DRAWING FOR WATER RECYCLE PUMP ITEM NO.. 10-P-2376 A/B															
OWNER DWS. NO.: 10-VD-A1-RE-011-030-L				P.O. NO.: 2PB434															
LINEC DWS. NO.: M-ZA 50039				OWNER JOB CODE / PROJ. NO. MPCOL / 7877064 MPDRE / 7877064															
LINCE JOB CODE / PROJ. NO. MARUN / 3710 044																			
OWNER:  NATIONAL PETROCHEMICAL COMPANY MARUN PETROCHEMICAL COMPANY																			
PROJECT:				C2+ RECOVERY AND GAS CRACKING PLANTS															
CONTRACTOR:  LINDE ENGINEERING AND CONTRACTING DIVISION				 Energy Industries Engineering and Design															
				 NARGAN COMPANY															

ZEICHNUNG-NUMERIERUNG NR.	2001-10-16	KOSMAK	GEPR.	BESTELL-NR./PURCHASE NO. ITEM-NR.: 10-P-2376 A/B
CAD 	2001-10-16	DRESSSEL		BETRIEB-NR./CUSTOMER NO.
MESSTAB/SCALE	2001-08-01	DRESSSEL	0	
	DATUM/DATE	NAMEN	HERSTELLER/REVISION	FÜR VORTRAGS-/FOR TRUCKY NO. 9970089248
	BAUWEISE - ADDRESS / SITE - TYPE			VON WERK-NR./JOB SERIAL NO. 6-N27-503910/1-2
	RPH 25-180	AUFSTELLUNGSPLAN INSTALLATION PLAN	-	F 103572
KSBB				BLATT SHEET 1 VON OF 4