

Order number: KSB3556

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**Centr. pump with non-clogging
imp. KWP K 100-403**

Operating Data

Flow rate	120	m ³ /h	Pumped product	TIOSO4	Slurry
min. required	37'2	m ³ /h			H2SO4
Discharge head	24,73	m	Operating temperature (Uo)	70	°C
Pump NPSH	1,7	m	Density (Uo)	1,53	Kg/dm ³
Inlet pressure		bar	Viscosity (Uo)		mm ² /s
Outlet pressure	4,71	bar	Power input of pump (P2)	16.6	kW
Allow. dischrg pressure (Uo)	10	bar	Design speed	1465	1/min
Efficiency	74,6	%			

Design

Number of vanes	6		Shaft seal	GLRAI -TANDEM
Impeller diameter	280	mm	Model (make)	Burgmann
Impeller outlet width	20		Type	Gartex DN
Suct. nozzle DN	125	mm	Code product side	Q1Q1U1MG BQ1VMG
Position		axial	Cover version	Discharge cover version "A"
Disch. nozzle DN	100	mm	Bearing bracket	P 05 AX
PN / Standard	EN	1092-2/PN		
Position		top		
Explosion protection to ATEX		no		

With contact gaurd at the lantern

Accessories, Drive


Drive	Electric Motor
Type of construction	83

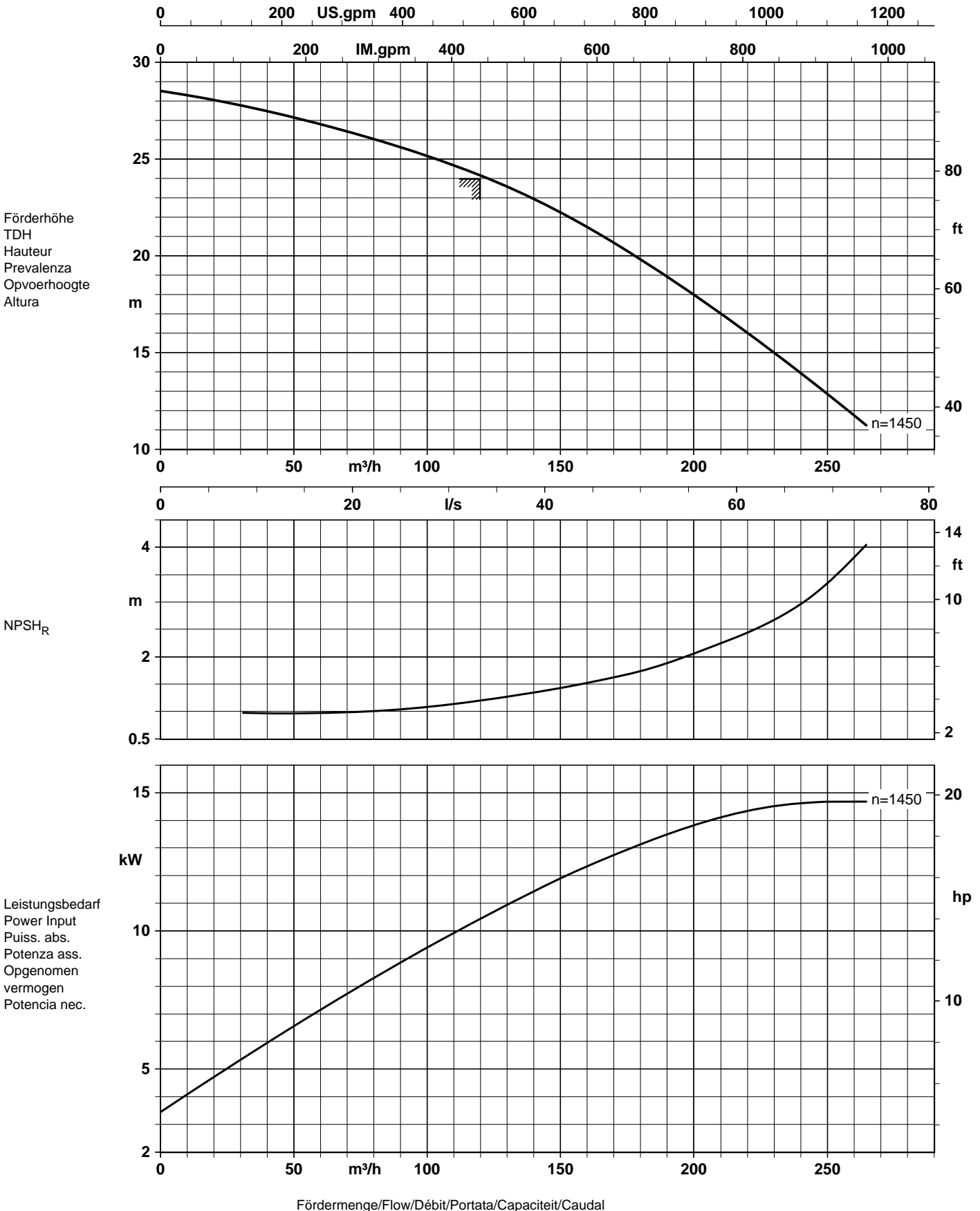
Materials

Volute casing	.4593	Pump shaft	C475+N
Suc. side wear plate	.4593	Shaft protecting sleeve	1.4539
Discharge cover	.4593		
Impeller	.4593		

Coating, Packing, Nameplates

Coating	Std. coatg., top coat syn.enamel	
Finish coat	RAL 5002, ultramarine blue	Plates
Packaging	Standard packing	
Plates	english	

Baureihe-Größe Type-Size Modèle	Tipo Serie Tipo	Neendrehzahl Nom. speed Vitesse nom.	Velocità di rotazione nom. Nominaal toerental Revoluciones nom.	Laufrad-ø Impeller dia. Diamètre de roue	ø girante Waaier ø ø rodete	 KSB
KWPK 100-403		1450 1/min		280 mm		
Projekt Project Projet	Progetto Projekt Proyecto	Angebots-Nr. Quotation No. N° de l'offre	N° offerta Offertenr. N° oferta	Pos.-Nr. Item No. N° de pos.	N° pos Pos. nr. N° de art	KSB Aktiengesellschaft 67225 Frankenthal Johann-Klein-Straße 9 67227 Frankenthal



Laufradaustrittsbreite/Impeller outlet width/Largeur à la sortie de la roue 20 mm
 Luce della girante/Waaier uittredebreedte/Anchura de salida rodete 20 mm

Aus Kurve K23745/2 gerechnet
 H31-Ft, D.Huyng, 2013-01-07