

DECISION-MAKING MATRIX

NOZZLE BAND HEATERS

	DAK	DMK	DGM		DGS	DG		
special features	Energy efficient Nozzle Band Heaters with made to order holes and cut outs with excellent heat distribution		High Performance Nozzle Band Heaters with significantly longer life than standard Nozzle Band Heaters allow the processing of all plastics		Million times proven standard Nozzle band heaters in the plastics processing industry			
max. operating temperature	450° C	550° C	600° C		350° C	280° C		
jacket material	Aluminium / stainless steel	Brass / stainless steel	stainless steel		stainless steel tube	brass tube		
wall thickness	~ 7 mm	~ 7 mm	~ 5 mm		~ 3,5 mm			
minium offsett circle	clamp loop: Ø + 38 mm mini wedge lock (MKV): Ø + 20 mm standard cap: Ø + 54 mm flat cap: Ø + 32 mm		clamp loop: Ø + 34 mm wege lock (KV): Ø + 24 mm standard cap: Ø + 50 mm flat cap: Ø + 28 mm		angulara clamp: Ø + 31mm standard cap: Ø + 48mm			
max. load	7,5 W/cm ²		10 W/cm ²		6,5 W/cm ²		3,5 W/cm ²	
dimensions	diameter	length	diameter	length	diameter	length	diameter	length
	from 18 mm from 28 mm from 45 mm from 60 mm max. 200 mm	until 100 mm until 170 mm until 250 mm until 370 mm max. 370 mm	from 30 mm from 65 mm max. 110 mm	until 75 mm until 140 mm max. 140 mm	from 25 mm from 30 mm from 40 mm max. 135 mm	until 38 mm until 48 mm until 55 mm max. 60 mm	from 25 mm from 40 mm max. 200 mm	until 44 mm until 70 mm
graduated length in mm	25, 30, 38, 40 from 40 in 5 mm steps		25, 30, 38, 50, 60, 75 80, 90, 95, 100, 110, 120, 130, 140		22, 25, 30, 34 ¹⁾ , 38, 48, 55, 60		16, 18, 20, 22, 25, 30, 34, 38 44, 48, 55, 60, 65, 70	
standard clamp gap	~ 6 mm							
clamp locks	clamp loops mini wedge lock (MKV)		clamp loops wedge lock (KV)		angular clamp			
connection cap	standard cap: A, B, C, S flat cap: A and C				standard cap: A, B, C, S			
lead execution	metal braied leads up to 250 °C GLS type 600 up to 600 °C				metal braided leads up to 250 °C			
integral temperature sensor	type: L, J, K		type: L, J, K, and Pt 100		X			
separate temperature sensor	X							
connection options	option: standard, 2, 3 and 4 (other options on request)				option: standard			
holes	length	hole	length	hole	length	hole		
	25	8	25	8	20	6		
	30	10	30	12	25	10		
	38	12	38	15	30	11		
	45	15	45	20	34 ¹⁾	12		
	50	20	50	25	38	14		
55	25	55	30	48	20			
numbers of holes and cut outs	multiple				1			
TC connector possible	X							

subject to technical change - other dimensions and loads available on request - for more details see as well our technical data

¹⁾ DGS length 34mm brass made



IHNE & TESCH
ELEKTRO-WÄRMETECHNIK

KELLER IHNE + TESCH
ELEKTRO-WÄRMETECHNIK

CELTIC

KIT ELECTROHEAT

www.electricalheat.com