



*) Average static coefficient of friction for standard material combination

The coefficient of friction is subject to fluctuations depending on operational-, material- and ambient-conditions!
 This must be considered during the selection!

All dimensions in mm
 Alterations reserved without notice

For crane brake layout use safety factors documented in the FEM 1.001, Section 1

Weight without thruster: ca. 37 kg			Thruster type		BL 22-5 (Weight: 11 kg)			BL 30-5 (Weight: 13 kg)			BL 35-5 (Weight: 16 kg)		
Disc-Ø d ₂	Friction-Ø d ₁	Max. hub-Ø d ₄	Contact force in N		2610			3400			5000 (on request)		
			e	k ₁	*M _{Brm ax.} (Nm) at μ = 0,4	*M _{Brm in.} (Nm) at μ = 0,4	*M _{Brm in.} (% from M _{Brm ax.})	*M _{Brm ax.} (Nm) at μ = 0,4	*M _{Brm in.} (Nm) at μ = 0,4	*M _{Brm in.} (% from M _{Brm ax.})	*M _{Brm ax.} (Nm) at μ = 0,4	*M _{Brm in.} (Nm) at μ = 0,4	*M _{Brm in.} (% from M _{Brm ax.})
250	195	95	97,5	60,5	205	103	50	265	133	50	390	195	50
280	225	125	112,5	75,5	235	118	50	305	153	50	450	225	50
315	260	160	130	93	270	135	50	355	178	50	520	260	50
355	300	200	150	113	315	158	50	410	205	50	600	300	50
400	345	245	172,5	135,5	360	180	50	470	235	50	690	345	50
450	395	295	197,5	160,5	410	205	50	535	268	50	790	395	50
500	445	345	222,5	185,5	465	233	50	605	303	50	890	445	50