

Simple assembly and dismantling.



Quick and simple assembly and dismantling due to the half-shell hubs, which are mounted with four clamping screws each. Long downtimes are now a thing of the past.

The RIGIFLEX®-N type A-H is used wherever a reliable and maintenance-free torque transmission needs to be combined with shaft misalignment handling capability. The main applications are pump applications in the processing and chemical industries.

HIGHLIGHTS

- Simple radial assembly/dismantling
- Disc packs assembled in the factory
- Coupling completely balanced as a unit
- Compact type of construction
- Cost and power-optimised design
- Ejection protection of the adapter according to API 610 and API 671



Metal disc coupling RIGIFLEX®-N type A-H

Structure/function

The RIGIFLEX®-N type A-H consists of two hubs, an adapter and two disc packs, which are pre-assembled in the factory as one assembly.

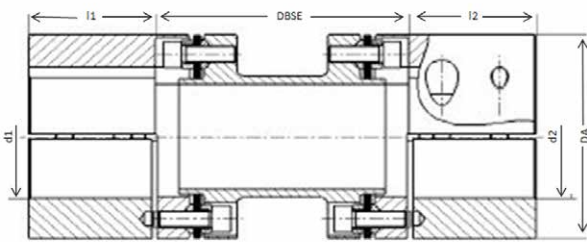
The discs are designed as layered and waisted packs and are connected so they are form-fit with the hubs and an adapter.

The hubs of the metal disc coupling are designed as half shells – this allows the radial installation and removal of the entire coupling as a unit. The two half-shell hubs are mounted with four clamping screws each.

The adapter is secured with a retainer – so that it remains within the coupling in the event of a disc fracture.

Technical data

Size	Torques		max bore hole d1/d2 [mm]	Outer Ø DA [mm]	Hub length l1/l2 [mm]	Shaft spacing DBSE [mm]				permissible extensions		
	T _{KN} [Nm]	T _(max) [Nm]				permissible extensions				Axial [mm]	Angle each disc	
46	90	180	42	69	45	100	140	180	250	to Customer specification	1.4	1
56	255	510	55	85	55						1.2	0.7
66	450	900	65	105	65						1.6	0.7
76	975	1950	75	124	75	1.8	0.7					
86	1500	3000	85	145	85	2.2	0.7					
106	2400	4800	105	168	105	–	2.4	0.7				



We will be happy to advise you with regard to individual dimensioning and any other questions you may have.