



## HNS6 Disc Coupling for Process Pumps

A full range of couplings designed specifically for the process pump market that can be fully compliant with API 610, 671 and ATEX certification. The models comprise 2 hubs, separate transmission unit (spacer assembly) with two sets of stainless steel blade packs all assembled together.

With a choice of hub arrangements that provide for flexibility in bore sizes, with the option of taper lock or external clamping arrangements to facilitate ease of installation

### Features

- High performance design/weight ration
- No wearing parts with easily replaceable blade assemblies
- Accommodates, angular, parallel and axial misalignment
- Inherently balanced to G 6.3 but, can be provided at higher levels if required
- Torsionally rigid and backlash free
- Available with standard spacer lengths, 100, 125, 140, 180 and 250mm or to specific requirements
- Options include, spark free, electrically insulated or limited end float
- Peak torque nominally 2.8 times standard rating.
- All product manufactured to ISO 9001-2008

### Technical data

Model	Kw/ RPM	Torque Nm	Max Speed RPM	Dimensions mm							Weight Kg
				D	d max	d1 max	L	L2	L2 Std	M	
85-6	0.033	320	16000	85	42	60	150	70	100/140/180	59	6.5
105-6	0.078	750	16000	105	55	75	175	85	100/140/180	79	9.0
125-6	0.099	950	14000	125	70	90	195	85	140/180/250	98	9.5
140-6	0.167	1600	12000	140	75	100	224	100	140/180/250	107	14.0
160-6	0.293	2800	10000	160	90	115	260	120	140/180/250	127	16.0
185-6	0.575	5500	8500	185	105	130	320	145	180/250	147	19.0
205-6	0.701	6700	8000	205	120	145	340	150	180/250	167	26.0

### Materials of construction

Hubs	carbon steel
Spacer	carbon steel
Adaptors	carbon steel
Discs	stainless steel
Bolts	alloy steel
Nuts	alloy steel
Overload washers	steel or non-spark material



+ 44 (0)1827 261202



sales@ptigroup.co.uk



**POWER TRANSMISSIONS  
INTERNATIONAL**

