

# Friction torque limiter



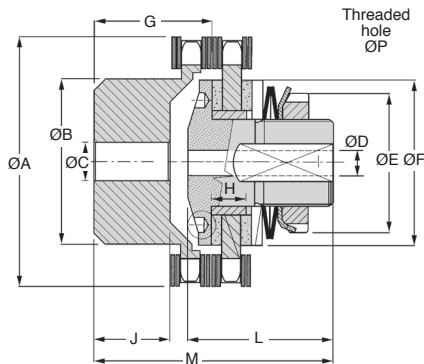
## DSF

## Torque up to 2,600Nm

- Adjustable torque limiter
- Chain coupled limiter
- Limiter with slip friction disc
- Can be supplied pre-bored or solid
- Max. speed: 100 rpm
- Materials:
  - Steel EN10083-2

### Options

- Bore-size and keyway



Part number	ØA	ØB	ØE	ØF	G	H	J	L	M	ØP	Q
DSF025-4-20	41	23	22	25	13	5,5	9,0	26	36,0	M3	3
DSF038-5-35	58	37	32	38	28	8,0	20,0	33	56,0	M3	3
DSF050-12-60	75	50	44	50	28	8,0	19,0	35	59,0	M4	4
DSF170-26-100	101	70	63	70	40	10,0	29,0	55	87,0	M4	4
DSF290-70-300	126	90	82	90	60	15,0	48,0	60	112,5	M6	6
DSF311-240-580	157	110	105	115	70	17,0	57,5	70	131,0	M6	6
DSF414-400-1200	198	130	139	140	70	21,0	59,5	80	152,0	M6	6
DSF517-450-2600	223	130	160	170	100	25,0	90,5	95	192,0	M8	8

Dimensions in mm

**HPC**

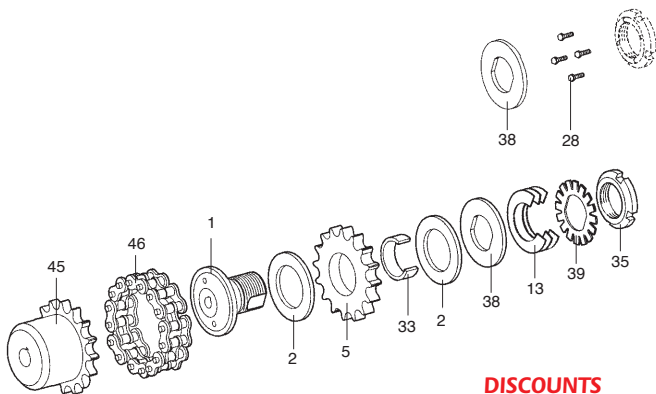
WEB  
04/2020

[www.hpceurope.com](http://www.hpceurope.com)

Tél: 0 825 88 5000 Service 0,15 €/min + prix appel

## Parts

- 1 - Flange clamp hub
- 2 - Friction disc
- 5 - Toothed crown
- 13 - Axial spring
- 28 - Adjustment screw
- 33 - Sliding ring
- 35 - Notched locknut
- 38 - Mobile flange
- 39 - Toothed washer
- 45 - Pre-bored chain pinion
- 46 - Double chain



## DISCOUNTS

Qty	1+	50+
Disc.	List	On request

Part number	ØC (mm)		ØD (mm)		Torque (Nm)	Stock*	Price each
	Prebore Ø	Max. Ø	Prebore Ø	Max. Ø			
DSF025-4-20	7	12	-	8	4-20	✓	134,82 €
DSF038-5-35	10	20	5	12	5-35	✓	162,24 €
DSF050-12-60	12	24	8	20	12-60	✓	234,62 €
DSF170-26-100	16	30	10	25	26-150	✓	240,44 €
DSF290-70-300	20	42	14	38	70-300	-	339,40 €
DSF311-240-580	20	50	18	45	240-580	-	587,36 €
DSF414-400-1200	28	60	24	55	400-1200	-	1 030,93 €
DSF517-450-2600	30	68	28	65	450-2600	-	1 149,28 €

\*Depending on availability - Dimensions in mm

## Our other products



HTD3M\_09  
HTD Heavy duty timing pulley, HTD3 Aluminium



BPM  
Slotted spring plunger with ball tip, Steel



GE1006  
Elastic ringed latch, Hooks into a slot



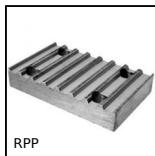
TSRTC  
Stem support for caster, For swivel caster with central hole



HG6-ECO  
Eco range Spur gear, Steel C45



DCG  
Suction cup, 2,5 bellows, nitrile



RPP  
Connecting plate for RPP type timing belts, RPP8



CHMR110  
Worm and wheel gear reducer, up to 980 Nm



GCL  
Linear ball slide - Stainless steel balls, Chariot - from 516 N to 8...



SCA\_SS  
Stainless steel flat cable clamp, Stainless steel



SUPss  
Self-centering clamping hub stainless steel, Without locknut



BOX-TOR-H  
Box set of Nitrile O-rings in nitrile, 3.00 x 2.00mm to 45.20 x 4.00

## Complementary products



LC  
Friction clutch, 30 to 240 Nm



LC  
Friction clutch, 190 to 1800 Nm



VTA  
Vari-Tork® slip friction clutch, 0.53 to 1.32 Nm



VT  
Vari-Tork® slip friction clutch, 0.53 to 1.32 Nm