



Coupling length A		Rubber sleeve			Hub						
Ref. No.	Length A	Ref. No.	B	C	Ref. No.	D	E	Fmin. plain bore	F max. bore	G	H
33	58.7	33 SF	39.7	38.1	30 ES	36.5	9.5	9.5	15.9	1.6	4.8
43	58.7	43 SF	39.7	44.5	40 ES	41.3	9.5	9.5	22.2	1.6	4.8
56	61.9	56 SF	39.7	58.7	50 ES	52.4	11.1	9.5	30.2	1.6	5.6
66	69.1	66 SF	40.5	74.6	60 ES	69.9	14.3	12.7	35.0	2.4	7.1
76	87.4	76 SF	54.0	88.9	70 ES	82.6	16.7	12.7	41.3	3.2	8.7
86	87.4	86 SF	54.0	103.2	80 ES	95.3	16.7	12.7	47.6	3.2	8.7

Dimensions (measurements in mm)

Coupling Size	Design Power per 100 r.p.m.		Max. Design Torque	
	hp	kW	lbs. ins	Nms
33	0.0428	0.0319	27	3.051
43	0.1142	0.0852	72	8.136
56	0.4284	0.3195	270	30.510
66	0.5712	0.4259	360	40.680
76	1.7136	1.2778	1080	122.040
86	2.2848	1.7038	1440	162.720

Material

Hub - aluminium

Sleeve - neoprene

Only three component parts: The flexible sleeve; with axially moulded internal teeth. The two hubs with grooves to mate with the teeth of the flexible sleeve, one hub attached to each shaft

e.g.

1 off **56 SF SLEEVE (element)**
 2 off **50 ES (hub)**

PowerGrip® Flexible Couplings

Advantages

High shock resistance: torsional resilience sufficiently high to absorb load pulsations and shocks.

Misalignment: in normal use the coupling will operate with 7½° axial misalignment, with no significant reduction in service life.

No lubrication: neoprene teeth of sleeve designed to fit easily, positively with grooves of end fittings; no metal-to-metal contact; no need for lubrication.

No end thrust: construction so designed to prevent transmission of lateral thrust from one shaft to the other.

Streamlined design: small diameter with high capacity; no protruding parts; affords maximum safety.

Easy installation: 'by eye' shaft alignment; no precise measurements required.

Low cost: low initial cost and low maintenance expense due to simplified design.