

SPR-FLEX COUPLING

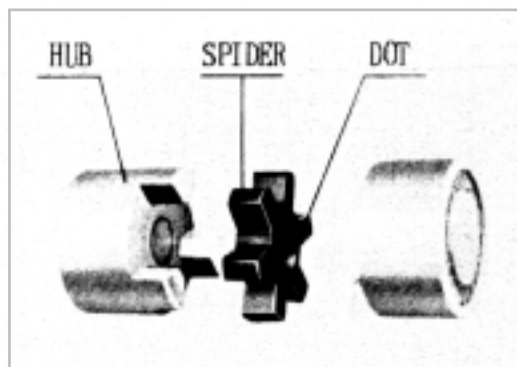
SPR-FLEX COUPLING is the simplest,compression type rubber coupling,consisting of 2 hubs and 1 elastic rubber (spider), i.e. jaw type coupling. SPR-FLEX is suitable for all kind of small load drive. J type provides machined bore with keyways and setscrew,therefore it is very easy to handle and also low price.

FUTURE

- It is easy to align,because the hub outer surface is fine-finished.
- Spider with some dots provides adequate clearance. We can offer only spider as a spare part.
- SPR-FLEX consists of only 3 parts,so simple and right.
- Due to simple construction,it is easy to mount and dismount to axial direction.
- Excellent oil and chemical proof.
- Low price.

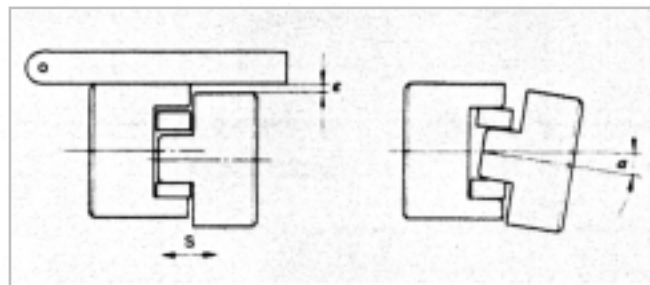
CONSTRUCTION

Each hub has got 2-3 jaws,and power is transmitted through spider hold between two hubs.



MATERIAL

TYPE	HUB	SPIDER
J-DL	SINTERED IRON	NBR
AL	ALUMINUM ALLOY	
CL	CAST IRON	



PERMISSIBLE MISALIGNMENT

SIZE	035	050	070	075	090	095	100	110	150	190
ϵ mm	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4
α	0.5	1	1	1	1	1	1	1	1	1
S mm	± 0.3	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.7	± 0.7	± 1.0	± 1.0

* ϵ =parallel, α =angular, max misalignment. S =max end play

Alignment of two axes is easily performed by a straight scale putting on the hub outer surface,at two points by 90deg division. Above values are the maximum. The less misalignment,the longer life time of spider.

NOTES

- Operation temperature is (-)20°C - (+)80°C.
- Direct sun ray is possible to make the spider life time shorter,so that please cover the coupling for outdoor application.
- Superior oil and chemical proof,however,too much adherence results in aging of the rubber element.