



AN ISO 9001 : 2015
CERTIFIED COMPANY

BONNA-FLEX®

STAR JAW COUPLINGS

TYPE - BSWQ



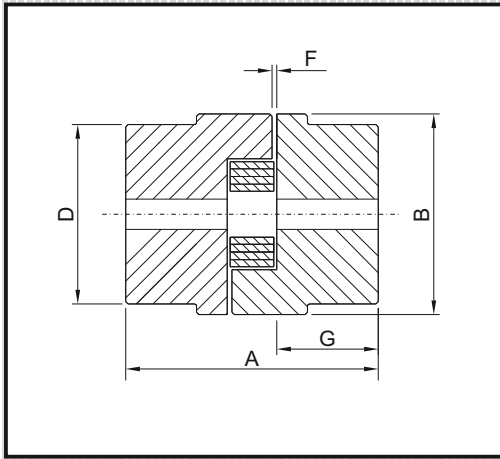
CATALOGUE NO. C2-SWQC- NO 10

Manufacturer & Exporter :

BONNA-FLEX Industries Private Limited



B-Type C.I. Star Jaw Coupling



Features :

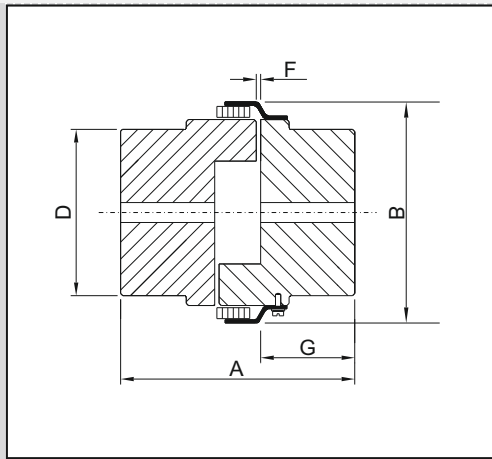
- Simple construction - quick easy installation - No special tools required.
- Flexible insert caters for incidental angular, parallel and axial misalignment.
- Absorbs shock loads and damps small amplitude vibration.
- Insert design presets correct distance between hubs, using raised pads on each leg of the insert.
- Available in a range of stock bore sizes. Can also be supplied with finished bore & keyway.
- Unaffected by moisture, grease and oils-including non aromatic and non-ketone solvents, and temperatures within the range - 40C to 100C
- Spacer coupling with spacer size depending upon the distance between two shaft ends (DBSE)>

Technical Details

Suitable up to 4300 nm torque applications

Power ranges from 0.21 kW to 2.75 kW at 100 rpm

BSW - Type C.I. Snap Wrap with Metal Ring Coupling



◆ Features

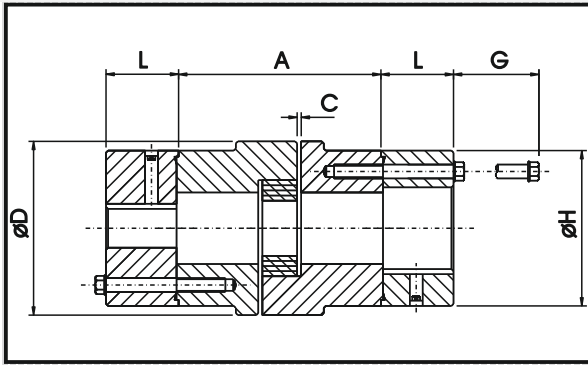
- Time saving solution to replace elastomer
- Simple Construction
- Easier maintenance/service due to compactness
- (Snap Wrap Concept) Also available Snap wraps polyurethane.
- Inspection and replacement of elastomer without disturbing alignment of hubs Fail-Safe design to run even at higher speeds

◆ Technical Details

- Rated torque ranges from 20 nm to 4300nm
- Power rating from 0.2 kW to 22.4 kW at 100 rpm

SIZE	MATERIAL OF HUBS		DIEMISIONS IN MM								KW Capacity			RATED TORQUE Nm	TORSIONAL STIFFNESS Nm/ Radian
			MINIMUM BORE	MAXIMUM BORE	Ø B		A	F	G	D	100 RPM	1500 RPM	3000 RPM		
					B	BSW									
B 035	SI	AL	3	10	16	-	19	1	5.5	16	0.004	0.06	0.12	0.38	4
B 050	SI	AL	6	16	28	-	46	1	17	28	0.030	0.45	0.90	2.50	36
B 070	SI	AL	9	20	36	-	51	2	19	36	0.050	0.75	1.50	4.90	80
B 075	CI	AL	9	22	45	-	55	2	21	45	0.100	1.50	3.00	9.80	119
B/BSW 095	CI	AL	10	28	54	64	63	2	25	49	0.220	3.30	6.60	21.10	275
B/BSW 099	CI	AL	10	30	65	78	72	2	27	51	0.370	5.55	11.10	35.10	688
B/BSW 100	CI	AL	10	35	65	78	88	2	35	57	0.490	7.35	14.70	46.40	688
B/BSW 110	CI	AL	15	42	85	96	108	3	43	76	0.930	13.95	27.90	89.00	1719
B/BSW 150	CI	-	15	48	96	111	115	3	45	80	1.490	22.35	44.70	141.00	2120
B/BSW 190	CI	-	20	60	115	130	133	3	54	102	2.010	30.15	60.30	190.00	3495
B/BSW 225	CI	-	20	65	127	142	153	3	64	111	2.760	41.40	82.80	265.00	4584
B/BSW 226	CI	-	25	70	137	153	178	3	70	119	3.430	51.45	102.90	324.00	6990
B/BSW 276	CI	-	25	75	157	173	200	3	80	227	5.600	84.00	168.00	532.00	12720
B/BSW 280	CI	-	30	80	192	205	200	3	80	140	8.200	123.00	246.00	782.00	22517
B/BSW 295	CI	-	40	95	237	251	238	3	95	162	13.400	201.00	-	1279.00	51222
B/BSW 2955	CI	-	50	105	237	251	264	3	108	180	22.400	336.00	-	2132.00	85428
B/BSW 300	CI	-	50	105	254	267	283	3	115	180	31.900	478.50	-	3047.00	126395
B/BSW 350	CI	-	50	115	305	318	309	3	128	200	45.000	675.00	-	4308.00	183633

RRB - Type C.I. Spacer Star Jaw Coupling



◆ Features :

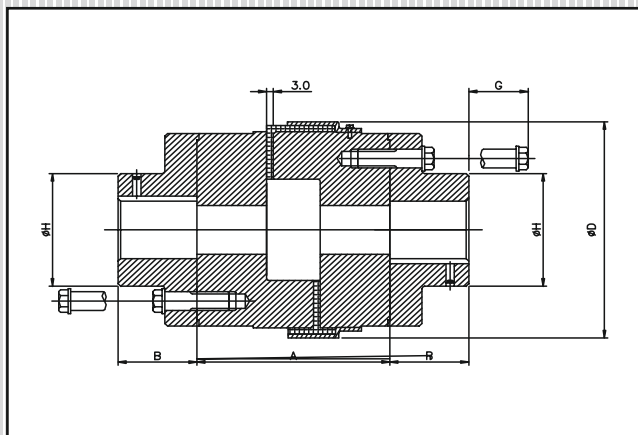
- Simple Construction
- Quick Easy Installation
- No Special Tools Required
- Designed for "back" pull out pumps
- Driven Unit is required like compressors, generators, blowers etc.
- Do not need to dismount drive for maintenance

◆ Technical Details

- Available in range up to 100HP/24 kg
- Range from 21 nm to 260 nm
- Rated power from 0.21 kW to 2.76 kW at 100 rpm

SIZE	DIMENSIONS IN MM							C	RATING 100 RPM KW	RATING 1500 RPM KW	RATING 3000 RPM KW	RATED TORQUE Nm	TORSIONAL STIFFNESS Nm / Radian
	MINIMUM BORE	MAXIMUM BORE	SPACER LENGTH DISTANCE BETWEEN SHAFT ENDS (DBSE)	SPACER OD	ADAPTOR BODY LENGTH	ADAPTOR BODY OD	G						
			A	Ø D	B	ØH							
RRB 095	10	30	90, 100, 135, 140	54	25	54	20	2	0.220	3.30	6.60	21.10	275
RRB 100	10	38		65	30	65	20	2	0.490	7.35	14.70	46.40	688
RRB 110	15	42	90, 100, 135, 140, 180	85	35	76	21	3	0.930	13.95	27.90	89.00	1719
RRB 150	15	48		96	40	90	27	3	1.490	22.35	44.70	141.00	2120
RRB 190	20	55		115	46	102	27	3	2.010	30.15	60.30	190.00	3495
RRB 225	20	65		127	52	115	31	3	2.760	41.40	82.80	265.00	4584

SWQ Type C.I. Spacer with Metal Ring - Rubber T Cushion Coupling



◆ SWQ- Coupling

- Simple Construction
- Having wide range of application
- High torque range

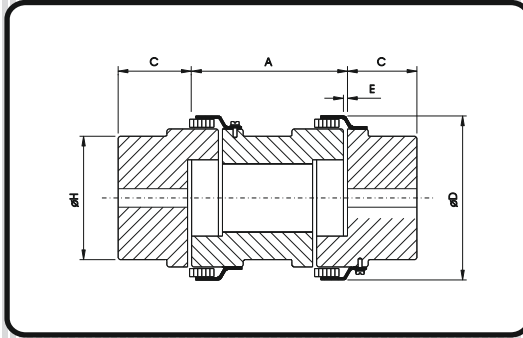


◆ Technical Details

- Rated torque ranges from 325 Nm to 4300 Nm
- Rated power from 3.5 kW to 45 kW

SIZE	DIMENSIONS IN MM							C	RATING 100 RPM KW	RATING 1500 RPM KW	RATING 3000 RPM KW	RATED TORQUE Nm	TORSIONAL STIFFNESS Nm / Radian
	MINIMUM BORE	MAXIMUM BORE	SPACER LENGTH DISTANCE BETWEEN SHAFT ENDS (DBSE) A	SPACER OD Ø D	ADAPTOR BODY LENGTH B	ADAPTOR BODY OD Ø H	G						
SWQ 226	25	70	135, 140, 180, 250	155	50	134	40	3	3.430	51.45	102.90	324.00	6990
SWQ 276	25	75		175	60	135	40	3	5.600	84.00	168.00	532.00	12720
SWQ 280	30	75		212	60	130	-	3	8.200	123.00	246.00	782.00	22517
SWQ 295	40	95		257	65	160	-	3	13.400	201.00	-	1279.00	51222
SWQ 2955	50	100		257	65	160	-	3	22.400	336.00	-	2132.00	85428
SWQ 300	50	110		274	80	180	-	3	31.900	478.50	-	3047.00	126395
SWQ 350	50	115		325	90	200	-	3	45.000	675.00	-	4308.00	183633

BRRS - Type Two Snap Wrap with metal ring Spacer Coupling



◆ Features

- Suitable for machines requiring space for maintenance Double flexible due to 2 snap wraps
- Time saving solution at down time
- Low weight floating spacer made from aluminum

◆ Technical Details

- Torque rated from 20nm to 325 nm
- Power rating from 0.23 kW to 3.40 kW at 100 rpm

SIZE	DIMENSIONS IN MM								KW Capacity			TORSIONAL STIFFNESS Nm / Radian
	MINIMUM BORE	MAXIMUM BORE	RATED TORQUE NM	SPACER LENGTH DISTANCE BETWEEN SHAFT ENDS (DBSE) A	ADAPTOR OD ØH	SPACER OD ØD	ADAPTOR BODY LENGTH C	GAP E	RATING 100 KW RPM	RATING 1500 KW RPM	RATING 3000 KW RPM	
RRS- 095	10	28	21.1	90,100, 135,140,180	49	64	25	2	0.22	3.3	6.6	275
RRS- 100	10	35	46.4		57	78	35	2	0.49	7.35	14.7	688
RRS- 110	15	42	89		76	96	43	3	0.93	13.95	27.9	1719
RRS- 150	15	48	141		80	111	45	3	1.49	22.35	44.7	2120
RRS- 190	20	60	190		102	130	54	3	2.01	30.15	60.3	3495
RRS- 225	20	65	265		111	142	64	3	2.76	41.4	82.8	4584
RRS- 226	25	70	327		115	153	70	3	3.43	51.45	102.9	6990

Bonnaflex Range Of Engineering Products

