

HC – Coupling | Elastic Couplings | For conventional rectangular flanged external Gear Pumps

TECHNICAL FEATURES:

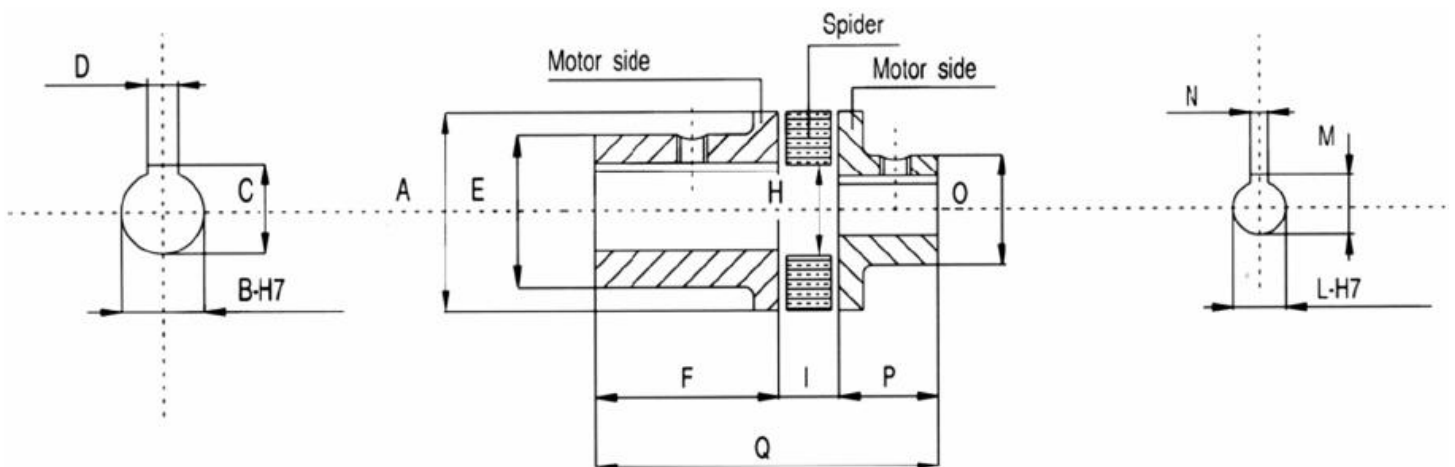
They are made of two hubs, a motor and a pump side, with an interposed elastic “Wheel” made of heat and oil proof elastic material.

They allow reliable, noiseless, electrically insulated motion transmission.

They also allow to compensate small radial, axial and angular misalignment.

Working Temperature: -20°C to +80°C

HC-Elastic Couplings										DIMENSIONS mm												
Fluidco Part nr	Electric KW	Motor Type	A	B	C	D	E	F	Spider Type	A	H	I	Pump Type	A	L	Taper	M	N	O	P	Q	
DC-GR1-14	0.25-0.37	HC1140	42	14	16.3	5	28	30	ER100	42	22	15	HC101A	42	9.8	1:8	5.9	2.4	28	20	65	
DC-GR1-19	0.55-0.75	HC2190	55	19	21.8	6	-	49	ER200	55	-	18	HC201A	55	9.8	1:8	5.9	2.4	34	26	93	
DC-GR1-24	1.1-1.5	HC2240	55	24	27.3	8	-	49	ER200	55	-	18	HC201A	55	9.8	1:8	5.9	2.4	34	26	93	
DC-GR1-254	Petrol	HC2240	55	25.4	27.3	8	-	49	ER200	55	-	18	HC201A	55	9.8	1:8	5.9	2.4	34	26	93	
DC-GR1-28	2.2-4	HC2280	55	28	31.3	8	-	61	ER200	55	-	18	HC201A	55	9.8	1:8	5.9	2.4	34	26	105	
DC-GR2-19	0.55-0.75	HC3190	65	19	21.8	6	38	48	ER300	65	30	20	HC302A	65	17.2	1:8	9.7	3.2-4	36	22	90	
DC-GR2-24	1.1-1.5	HC3240	65	24	27.3	8	46	48	ER300	65	30	20	HC302A	65	17.2	1:8	9.7	3.2-4	36	22	90	
DC-GR2-254	Petrol	HC3240	65	25.4	27.3	8	46	48	ER300	65	30	20	HC302A	65	17.2	1:8	9.7	3.2-4	36	22	90	
DC-GR2-28	2.2-4	HC3280	65	28	31.3	8	50	60	ER300	65	30	20	HC302A	65	17.2	1:8	9.7	3.2-4	36	22	102	
DC-GR2-38	5.5-9.2	HC5380	95	38	41.3	10	70	80	ER500	95	45	26	HC502A	95	17.2	1:8	9.7	3.2-4	50	25	131	
DC-GR2-42	11-15	HC5420	95	42	45.3	12	85	110	ER500	95	45	26	HC502A	95	17.2	1:8	9.7	3.2-4	50	25	161	
DC-GR2-48	18.5-22	HC5480	95	48	51.8	14	85	110	ER500	95	45	26	HC502A	95	17.2	1:8	9.7	3.2-4	50	25	161	
DC-GR2-55	30	HC7550	120	55	49.3	16	105	110	ER700	120	60	30	HC702A	120	17.2	1:8	9.7	3.2-4	50	25	165	
DC-GR3-28	2.2-4	HC3280	65	28	31.3	8	50	60	ER300	65	30	20	HC303A	65	22.1	1:8	12.5	4	46	38	118	
DC-GR3-38	5.5-9	HC5380	95	38	41.3	10	70	80	ER500	95	46	26	HC503A	95	22.1	1:8	12.5	4	50	25	131	
DC-GR3-42	11-15	HC5420	95	42	45.3	12	85	110	ER500	95	46	26	HC503A	95	22.1	1:8	12.5	4	50	25	161	
DC-GR3-48	18.5-22	HC5480	95	48	51.8	14	85	110	ER500	95	46	26	HC503A	95	22.1	1:8	12.5	4	50	25	161	
DC-GR3-55	30	HC7550	120	55	49.3	16	105	110	ER700	120	60	30	HC703A	120	22.1	1:8	12.5	4	50	25	165	
DC-GR3-60	37-45	HC7600	120	60	64.5	18	105	110	ER700	120	60	30	HC703A	120	22.1	1:8	12.5	4	50	25	195	



HC - Elastic couplings

TECHNICAL DATA - Working temperature -20 +80 °C											
ELECTRIC MOTOR				ELASTIC COUPLING				TECHNICAL DATA			
TYPE	2 POLES 2900 R,P,M, Kw	4 POLES 1450 R,P,M, Kw	6 POLES 960 R,P,M, Kw	TYPE GN	MOTOR HALF	SPIDER	PUMP HALF	MAX COUPLE Nm	MISALIGNMENT MAX		
									RADIAL	AXIAL	ANGULAR
									mm	mm	
63	0,18-0,25	0,12-0,18	-	100	HC1110	ER 100	HC1***-A020	20	0,4	1	1° 30'
71	0,37-0,55	0,25-0,37	-		HC1140		HC1***-B030				
80	0,75-1,1	0,55-0,75	-		HC1190						
80	0,75-1,1	0,55-0,75	-	300	HC3190	ER 300	HC3***-A022	190	0,8	1,3	1° 30'
90	1,5-2,2	1,1-1,5	-		HC3240		HC3***-B035				
110-112	3-4	2,2-3-4	-		HC3280		HC3***-C048				
132	5,5-7,5-9	5,5-7,5-9	3-4-5,5	500	HC5380	ER 500	HC5***-A025	530	1	1,8	1° 30'
160	11-15-18,5	11-15	7,5-11		HC5420		HC5***-B035				
180	22	18,5-22	15		HC5480		HC5***-C048				
132	5,5-7,5-9	5,5-7-9	3-4-5,5	700	HC7380	ER 700	HC7***-A035	750	1,4	2	1° 30'
160	11-15-18,5	11-15	7,5-11		HC7420		HC7***-B048				
180	22	18,5-22	15		HC7480		HC7***-C065				
200	-	30	18,5-22		HC7550						
225	-	37-45	30		HC7600						
225	-	37-45	30								
250	-	55	37								
280	-	75-90	45-55								
315	-	110-132	75-90								
315	-	110-132	75-90								
315-355	-	160-200	110-132								
355-400	-	250-315	160-200								
355-400	-	250-315	160-200								