

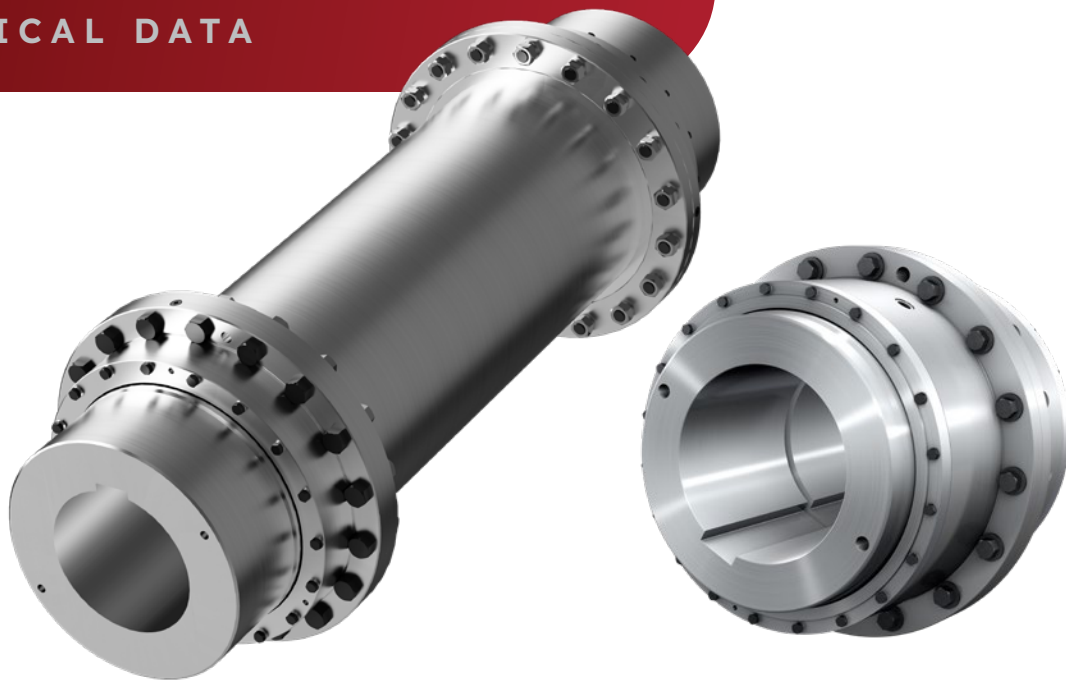
JAURE®

PRODUCT
CATALOG



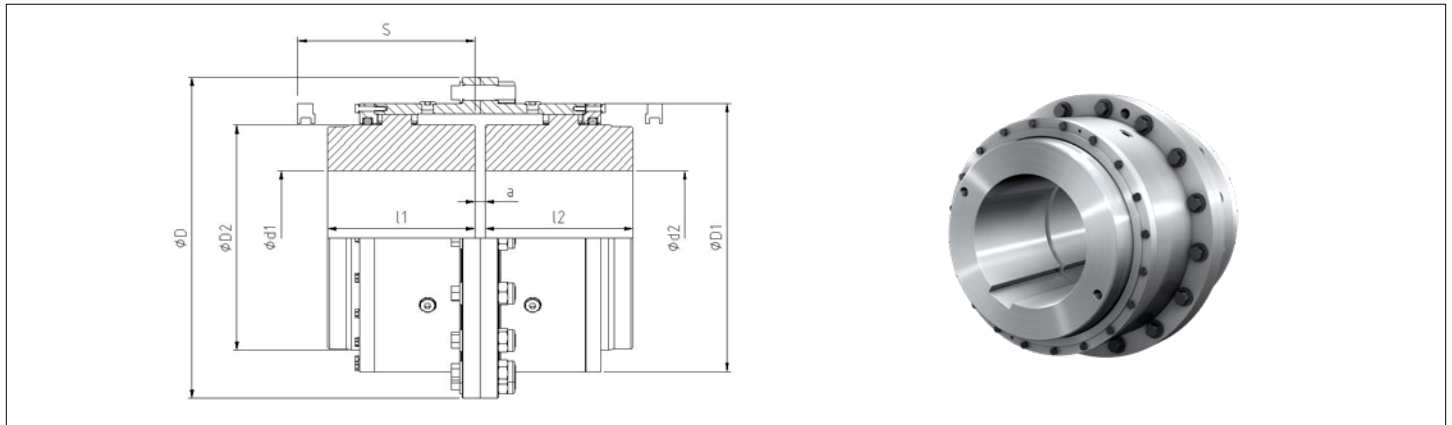
JAURE® MTGR GEAR COUPLINGS

TECHNICAL DATA



RegalRexnord™

MTGR-HD FULL-FLEX



SIZE	① TN NOMINAL	① TP MAX.	D	D1	D2	② ③ D1-D2 (MIN.-MAX.)	l1-l2	A	④ S	WEIGHT (SOLID BORE)	MOMENT OF INERTIA J	⑤ N MAX. BALANCED
MTGR-HD	kN·m	kN·m	mm	mm	mm	mm	mm	mm	mm	kg	kg·m ²	rpm
300	400	800	540	453	380	150 - 300	250	16	300	515	15	1.800
330	475	950	580	491	410	160 - 330	265	16	315	638	21	1.600
375	650	1.300	655	542	458	170 - 375	300	16	350	907	37	1.500
405	840	1.680	700	587	506	190 - 405	320	16	365	1.127	54	1.400
440	1.125	2.250	760	649	555	210 - 440	350	20	405	1.479	85	1.300
475	1.330	2.660	805	693	595	230 - 475	365	20	420	1.749	115	1.200
510	1.600	3.200	860	737	635	250 - 510	400	20	450	2.173	163	1.100
560	1.980	3.960	930	798	691	270 - 560	415	25	495	2.203	220	1.050
590	2.500	5.000	985	854	736	285 - 590	430	25	520	3.127	311	950
630	2.970	5.940	1.070	929	808	300 - 630	460	25	540	4.030	472	900
700	4.290	8.580	1.175	1.010	878	340 - 700	510	30	620	5.259	741	800
800	6.270	12.540	1.340	1.164	1.020	390 - 800	560	30	670	7.737	1.444	700
870	7.360	14.720	1.420	1.240	1.078	420 - 870	580	35	700	8.954	1.886	680
950	8.500	17.000	1.490	1.311	1.142	445 - 950	600	35	725	10.354	2.432	660
1050	11.962	23.925	1.645	1.448	1.268	500 - 1050	660	35	790	13.905	4.008	590
1200	18.500	37.000	1.830	1.620	1.428	550 - 1200	760	35	940	20.165	7.216	500

① The torque of the coupling does not include the connection transmission capacity.

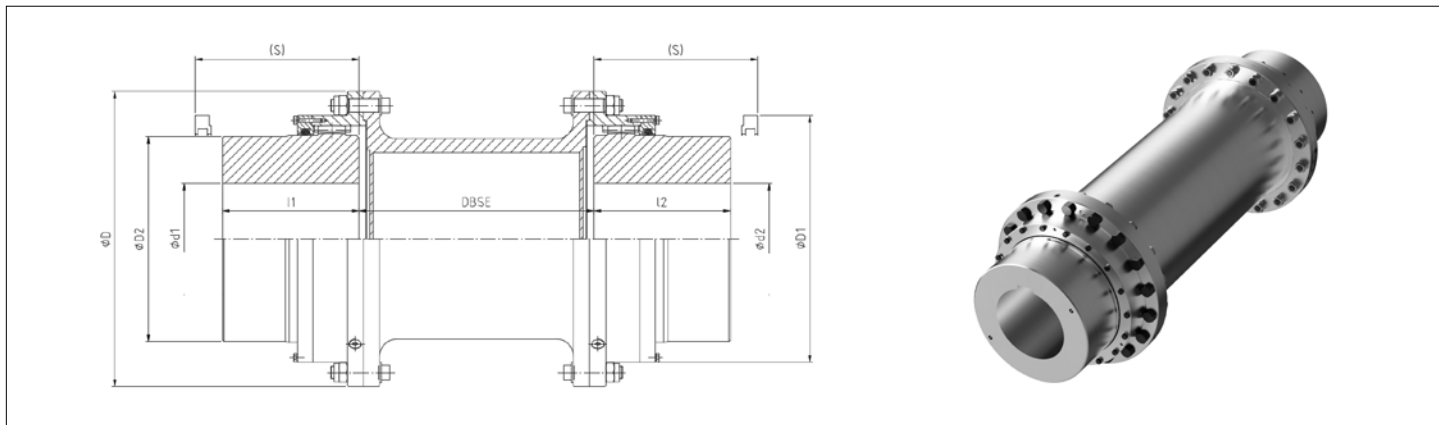
② Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact jaure.ptsolutions@regalrexnord.com.

③ Max. allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact jaure.ptsolutions@regalrexnord.com.

④ Clearance to align coupling hubs and replacement of sealing rings.

⑤ n MAX speed for balanced couplings with guiding ring. Speeds higher than 40% of the maximum require balancing and guide ring. For high speed applications, contact jaure.ptsolutions@regalrexnord.com.

MTGRX-HD WITH SPACER



SIZE	① TN NOMINAL	① TP MAX.	D	D1	D2	② ③ D1-D2 (MIN-MAX)	I1-I2	④ S	⑤ WEIGHT (SOLID BORE)	WEIGHT PER 100MM SPACER	⑤ MOMENT OF INERTIA J	MOMENT OF INERTIA PER 100MM SPACER J	⑥ MAX. SPEED
MTGRX-HD	kN·m	kN·m	mm	mm	mm	mm	mm	mm	kg	kg	kg·m ²	kg·m ²	rpm
300	400	800	540	453	380	150 - 300	250	300	816	29	26.87	1.10	For max. allowable speed contact Regal Rexnord Jaure: jaure.ptsolutions@regalrexnord.com
330	475	950	580	491	410	160 - 330	265	315	962	32	36.74	1.45	
375	650	1.300	655	542	458	170 - 375	300	350	1.339	41	63.20	2.30	
405	840	1.680	700	587	506	190 - 405	320	365	1.599	45	88.00	3.12	
440	1.125	2.250	760	649	555	210 - 440	350	405	2.048	56	133	4.58	
475	1.330	2.660	805	693	595	230 - 475	365	420	2.358	61	175	5.91	
510	1.600	3.200	860	737	635	250 - 510	400	450	2.983	82	254	8.96	
560	1.980	3.960	930	798	691	270 - 560	415	495	3.541	88	349	11.18	
590	2.500	5.000	985	854	736	285 - 590	430	520	4.071	94	451	13.74	
630	2.970	5.940	1.070	929	808	300 - 630	460	540	5.078	104	661	18.34	
700	4.290	8.580	1.175	1.010	878	340 - 700	510	620	6.642	135	1.039	28.00	
800	6.270	12.540	1.340	1.164	1.020	390 - 800	560	670	9.447	169	1.935	47.24	
870	7.360	14.720	1.420	1.240	1.078	420 - 870	580	700	11.441	180	2.497	57.25	
950	8.500	17.000	1.490	1.311	1.142	445 - 950	600	725	12.358	205	3.155	72.98	
1050	11.962	23.925	1.645	1.448	1.268	500 - 1050	660	790	16.421	260	5.133	114	
1200	18.500	37.000	1.830	1.620	1.428	550 - 1200	760	940	23.349	346	8.986	189	

① The torque of the coupling does not include the connection transmission capacity.

② Minimum dimensions refer to already machined bore. For A00 rough bore dimensions contact jaure.ptsolutions@regalrexnord.com.

③ Maximum allowable bore for couplings with DIN 6885/1 keys. For other types of keys or connections please contact jaure.ptsolutions@regalrexnord.com.

④ Clearance to align coupling hubs and replacement of sealing rings.

⑤ Weight and moment of inertia are given for solid bore and 1m DBSE.

⑥ Maximum speed for balanced couplings. For higher speeds contact jaure.ptsolutions@regalrexnord.com.

PRODUCT CATALOG



JAURE®

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regalrexnord.com

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