

DUAL

HIGHLY FLEXIBLE COUPLINGS

Coupling type DUAL consists of two hubs and polyurethane flex element. Shapes of flex element ensure optimum co-operation even with high misalignments of the motor and drive shafts. High flexibility of polyurethane element protects equipment from radial and angular forces operated on bearings.

DUAL couplings can be used in underground mines, in potentially explosive methane and coal dust areas. DUAL couplings are design to individual characteristics of the drive system and customers' needs.



TECHNICAL PARAMETERS:

Insert size DUAL	T _{KN} [Nm]	T _{Kmax} [Nm]	φN [°]	φ _{max} [°]	n _{max} [min ⁻¹]	K _r [mm]	K _a [mm]	K _w [°]
002	21	42	5	10	7500	1,6	4,7	4
003	41	82	5	10	7500	1,6	4,7	4
004	62	124	8	16	7500	1,6	4,7	4
005	105	210	8	16	7500	1,6	6,3	4
010	164	328	10	20	7500	1,6	6,3	4
020	260	520	10	20	6600	2,4	6,3	3
030	412	824	9	18	5800	2,4	6,3	3
040	622	1244	9	18	5000	2,4	6,3	3
050	864	1728	6	12	4200	2,4	6,3	3
060	1412	2824	6	12	3800	3,2	9,5	2
070	2486	4972	8	16	3600	3,2	9,5	2
080	4463	8926	10	20	2000	3,2	9,5	2
100	9605	19210	11	22	1900	4,8	15	1,5
120	19210	38400	10	20	1800	4,8	15	1,5
140	38400	76840	10	20	1500	4,8	15	1,5