

ARAHIDRA TA TYPES



Conveyer belts · Chain conveyers · Screw conveyers · Redler conveyers · Bucket elevators · Mixers and agitators · Shredders · Bead mills · Hammer mills · Hoists · Traction lathes · Bark ripper drums · Centrifuges · Pumps and ventilators · Marine transmissions · Etc.

TA-type fluid coupling form a compact and robust unit, whose main components are alloy aluminium pieces. They consist of a basic hydraulic body, a rigid entry plate and an elastic coupling on the exit shaft.

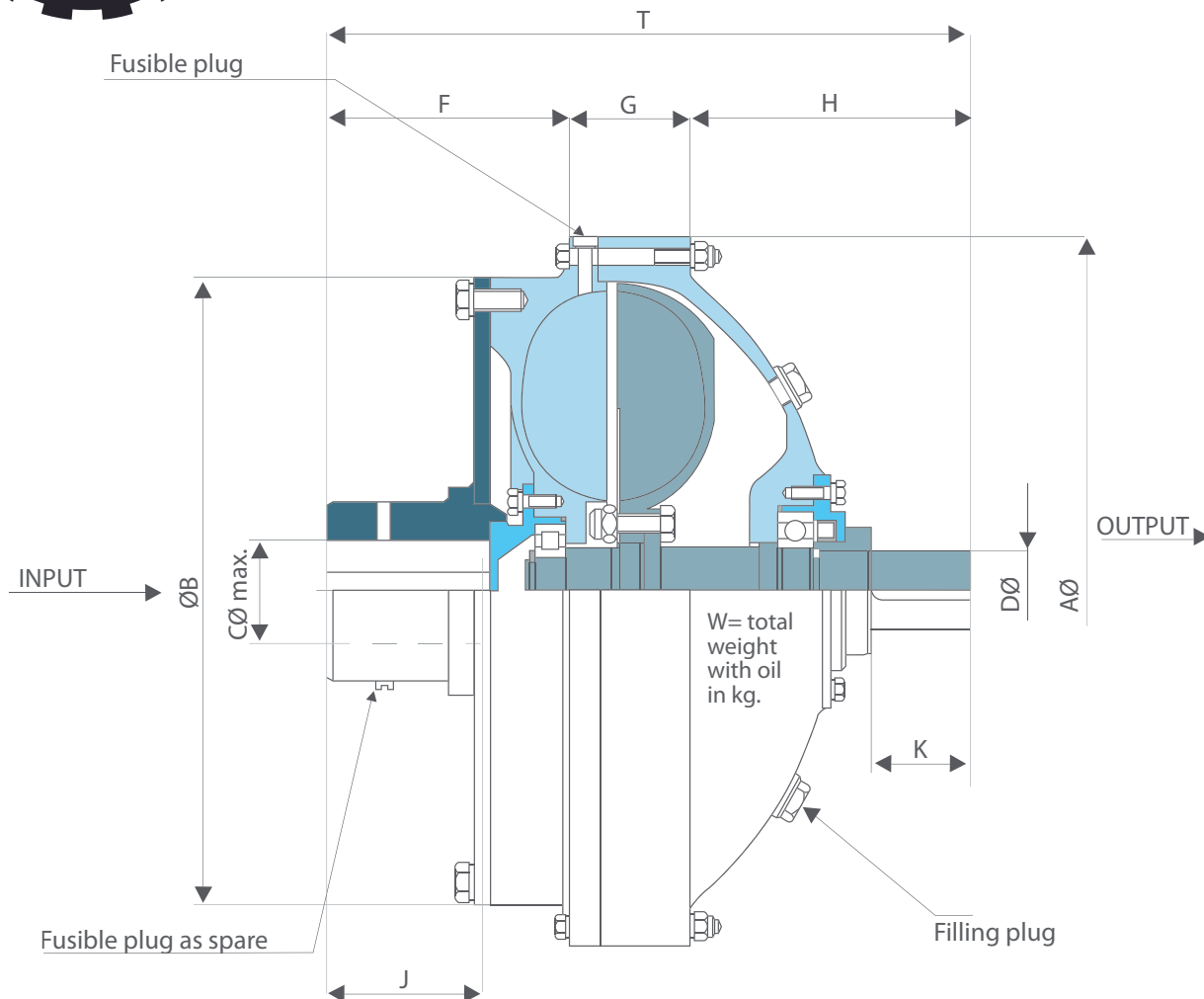
All couplings, excepting small-sized ones, are provided with a protective fusible plug against excess temperature elevation in case the motor protection relay fails in prolonged idle or overload conditions.

The holes and keyways may be mechanized at client requirement. Available in 13 sizes, from 1 to 1,000 CV at 1,450 RPM.

They may be assembled in a vertical position.



Sizes 8 to 29



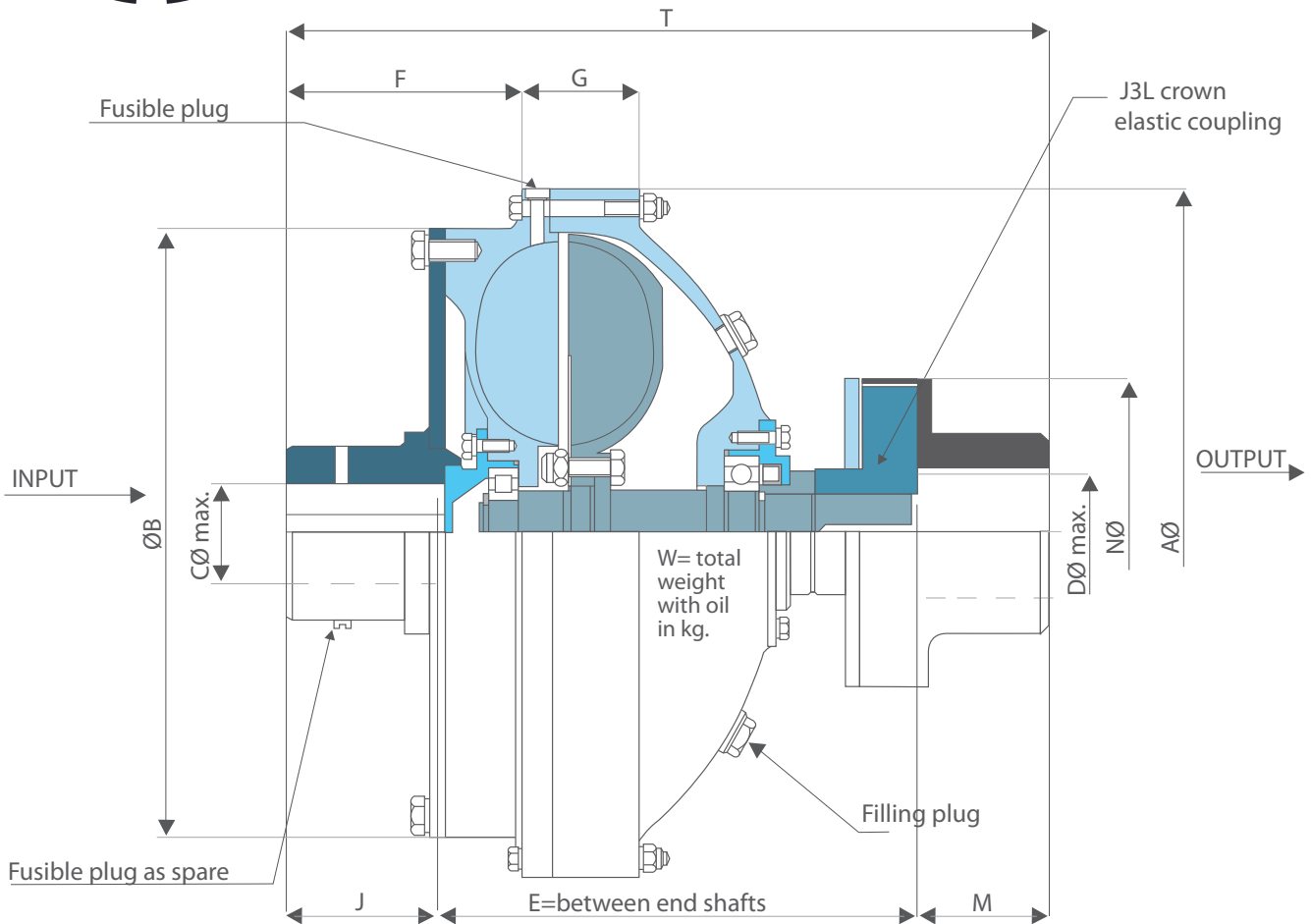
TSA TYPE

SIZE	A	B	C	D	F	G	H	J	K	T
TA-8	235	205	35	25	47	63	93	46	35	203
TA-9,25	268	255	55	30	68	68	113,5	65	41	249,5
TA-10,5	308	290	55	30	68	75	121,5	65	41	264,5
TA-11,5	335	325	65	38	83	81	140,5	80	53	304,5
TA-12,75	369	325	65	38	83	107	144	80	53	334
TA-14,5	420	370	80	48	100	119	164,5	98	65	383,5
TA-16,25	455	410	80	48	100	128	184,2	98	65	412,2
TA-17,75	503	460	85	54*	113	123	216,3	110	90	432,3
TA-20	578	578	100	54*	123	136	239,7	120	90	478,7
TA-23	660	660	110	70*	150	152	279,4	146	110	561,4
TA-26	755	755	120	85*	152	173	307	150	125	612
TA-29	840	840	130	85*	157,5	190	484,5	150	130	807

* Conical shaft with the major diameter indicated.



Sizes 8 to 29



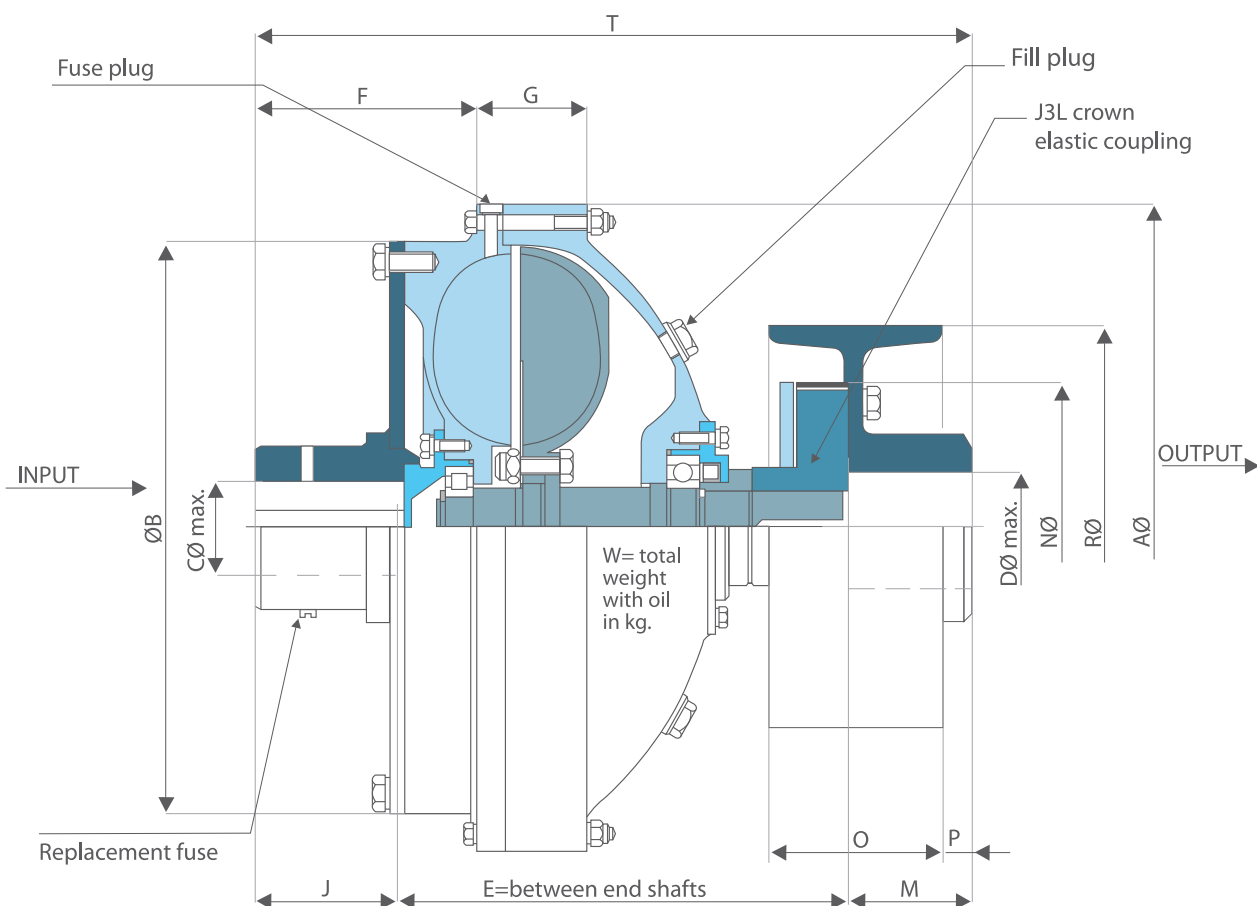
STANDARD TA TYPE

	MAX POWER IN CV			QUANTITY OF OIL Litres	WEIGHT kg	PRIMARY GD2 PART kgm ²	A	B	C	D	E	F	G	J	M	N	T
	720	960	1450														
TA-8	0,5	1,2	4	1,46	8	0,25	235	205	35	40	158	47	63	46	40	80	244
TA-9,25	1	2,25	7,5	2,28	16	0,34	268	255	55	50	185	68	68	65	50	115	300
TA-10,5	1,75	4,5	15	3,57	21	0,54	308	290	55	50	200	68	75	65	50	115	315
TA-11,5	3	7,5	20	4,23	34	0,75	335	325	65	75	225	83	81	80	70	170	375
TA-12,75	5	12,5	40	6,35	38	1,38	369	325	65	75	255	83	107	80	70	170	405
TA-14,5	8,5	20	75	9,27	58	2,53	420	370	80	80	287	100	119	98	80	210	465
TA-16,25	15	35	110	13,9	68	4,2	455	410	80	80	315	100	128	98	80	210	493
TA-17,75	22	55	175	16,5	101	6	503	460	85	100	344	113	123	110	100	260	554
TA-20	40	100	225	24,3	136	12	578	578	100	100	381	123	136	120	100	260	601
TA-23	85	200	400	36,1	199	23	660	660	110	100	437	150	152	146	100	260	683
TA-26	150	300	600	52,8	314	38	755	755	120	130	484	152	173	150	130	330	764
TA-29	250	425	1.000	76,2	360	65	840	840	130	140	552	157,5	190	150	130	325	832



with Brake Pulley

Sizes 8 to 29



TA TYPE WITH BRAKE PULLEY

SIZE	A	B	C	D	E	F	G	J	N	T*
TA-8	235	205	35	40	158	47	63	46	80	244
TA-9,25	268	255	55	50	185	68	68	65	115	300
TA-10,5	308	290	55	50	200	68	75	65	115	315
TA-11,5	335	325	65	75	225	83	81	80	170	375
TA-12,75	369	325	65	75	255	83	107	80	170	405
TA-14,5	420	370	80	80	287	100	119	98	210	465
TA-16,25	455	410	80	80	315	100	128	98	210	493
TA-17,75	503	460	85	100	344	113	123	110	260	554
TA-20	578	578	100	100	381	123	136	120	260	601
TA-23	660	660	110	100	437	150	152	146	260	683
TA-26	755	755	120	130	484	152	173	150	330	764
TA-29	840	840	130	140	552	157,5	190	150	325	832

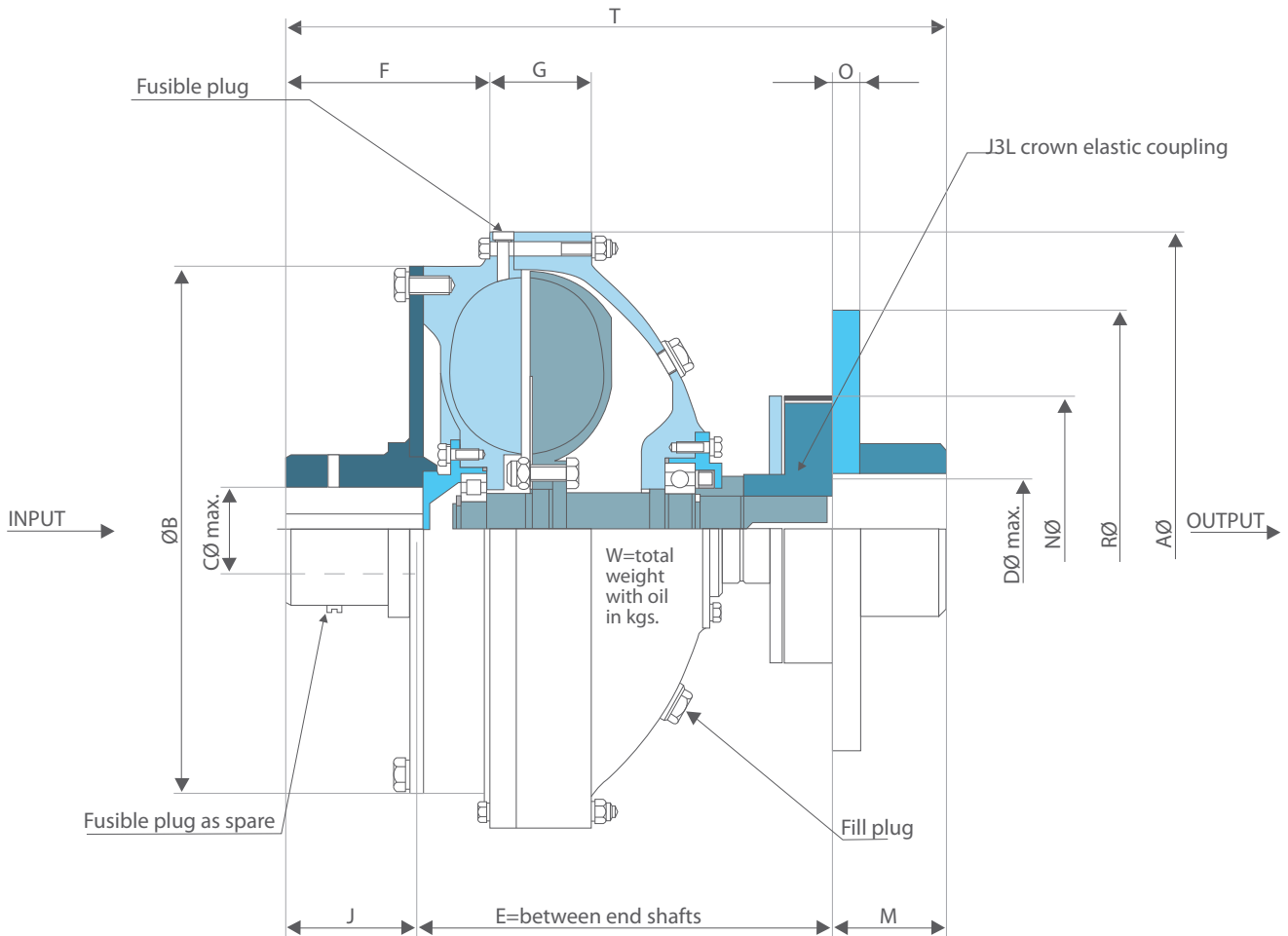
BRAKE PULLEY			
R	O	P	M
100	60	10	44
150	80	10	55
180	80	20	65
200	80	20	65
250	100	25	81
300	110	25	87
315	125	25	93
350	130	25	98
400	150	25	110
450	170	25	121
500	200	25	137
630	250	25	162

* On couplings with brake pulley the total length T varies depending on the pulley. Length T is the result of adding J+E+M (brake pulley M)



with Brake Disk

Sizes 8 to 29



TA TYPE WITH BRAKE DISK

SIZE	A	B	C	D	E	F	G	J	M	N	T
TA-8	235	205	35	40	158	47	63	46	40	80	244
TA-9,25	268	255	55	50	185	68	68	65	50	115	300
TA-10,5	308	290	55	50	200	68	75	65	50	115	315
TA-11,5	335	325	65	75	225	83	81	80	70	170	375
TA-12,75	369	325	65	75	255	83	107	80	70	170	405
TA-14,5	420	370	80	80	287	100	119	98	80	210	465
TA-16,25	455	410	80	80	315	100	128	98	80	210	493
TA-17,75	503	460	85	100	344	113	123	110	100	260	554
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TA-23	660	660	110	100	437	150	152	146	100	260	683
TA-26	755	755	120	130	484	152	173	150	130	330	764
TA-29	840	840	130	140	552	157,5	190	150	130	325	832

BRAKE DISK	
O	R
6, 12,5 y 25	200
6, 12,5 y 25	250
6, 12,5 y 25	300
6, 12,5 y 25	350
6, 12,5 y 25	400
6, 12,5 y 25	450
6, 12,5 y 25	500
6, 12,5 y 25	550
6, 12,5 y 25	600
6, 12,5 y 25	650
6, 12,5 y 25	700



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TYPES
TA

