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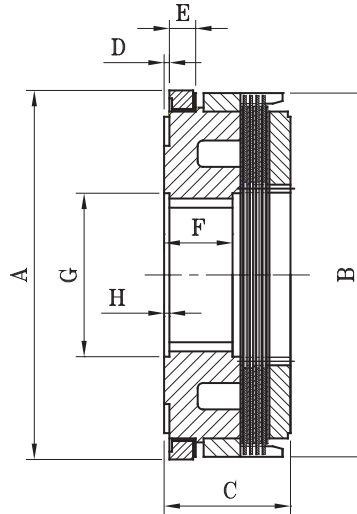
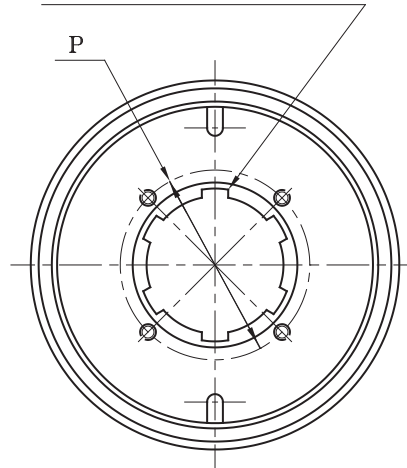


BZA SERIES

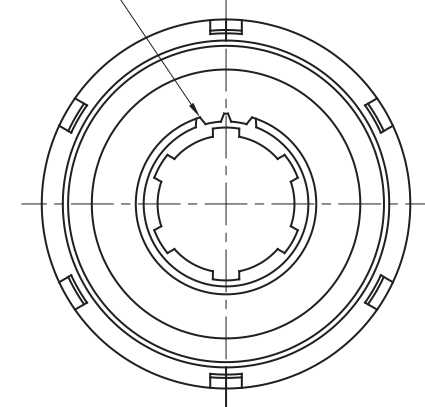
E.M. WET CLUTCH



SPLINE DETAILS REF. TABLE

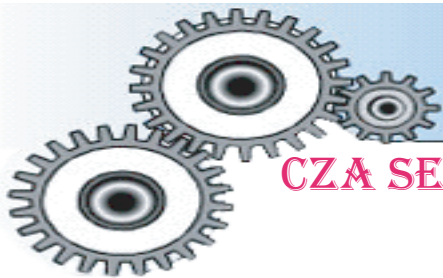


GEAR DETAILS REF. CHART



SR. NO.	MODEL NO.	TORQUE IN (kg-m)		OVERALL DIMENSIONS(MM)								SPLINE DIMENSIONS H7	FIXING DIMENSIONS			GEAR DATA			NO. OF PLATE			COIL RESISTANCE at 20°C()	POWER at 20°C (Watt)
		STATIC	DYNAMIC	A	B	C	D	E	F	G	H		P	NO.OF HOLES	SIZE	NO. OF TEETH	MOD	P/A	I	O	A/G		
1	02BZA	5	2	95	93	36	1.5	8	20	42	1.5	40X X36 X 7-8	50	4	M6	27	1.5	20	4	4	1.2	34	17
2	02BZH	3.6	2	92	90	32	1.5	8	18	37	1.5	36 X 32 X 6-8	45	4	M6	22	1.5	20	4	4	1.8	45	13
3	05BZA	10	5.5	114	114	45.5	1.5	10	23	52	2	50 X 46 X 9-8	60	4	M6	27	1.75	20	5	5	1.8	25	28
4	10BZA	20	10	134	140	52	2	10	26	60	2	58 X 52 X 10-8	72	4	M8	28	2	20	5	5	2	16	36
5	20BZA	40	20	166	166	58.5	1.5	10	30	80	2.5	78 X 72 X 12-10	92	5	M10	27	2.5	20	5	5	2.5	11	51
6	20BZD	36	20	166	166	58.5	1.5	10	27	81	2.5	Ø55X 2 KEY X 16	95	5	M10	33	2.5	20	6	6	3	13	46
7	20BZH	40	20	152	152	54	2	10	25	60	2.5	58 X 52 X 12-8	75	4	M10	21	2.5	20	5	5	2.5	14	43
8	EK20E	36	20	166	166	58.5	1.5	10	27	81	2.5	78 X 72 X 12-10	95	5	M10	33	2.5	20	6	6	3	13	46
9	40BZA	80	40	195	195	68.5	2	10	33.5	90	3	88 X 82 X 12-10	110	5	M10	33	2.5	20	6	6	3.5	7.1	83
10	40BZB	80	40	195	195	67	2	10	31	80	3	78 X 72 X 12-10	105	4	M10	25	2.5	20	6	6	4	7.3	79
11	60BZA	110	60	210	210	73.5	2	10	35	100	3	98 X 92 X 14-10	120	5	M10	36	2.5	20	6	6	4	6.3	91

NOTE: STANDARD VOLTAGE IS 24 V DC. 80 & 120 BZA ARE AVAILABLE ON REQUEST



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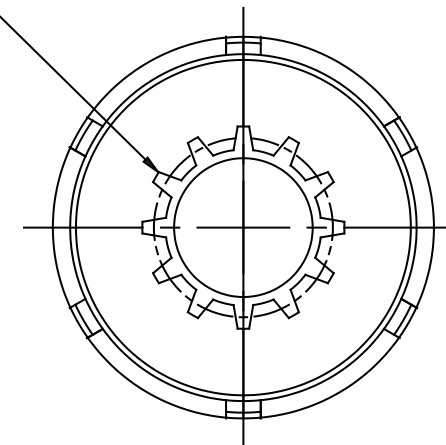
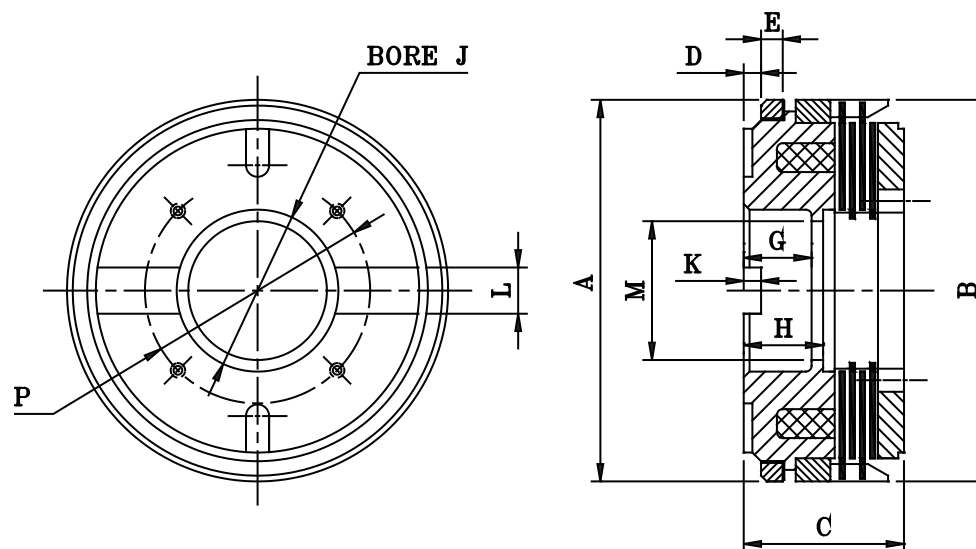
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CZA SERIES

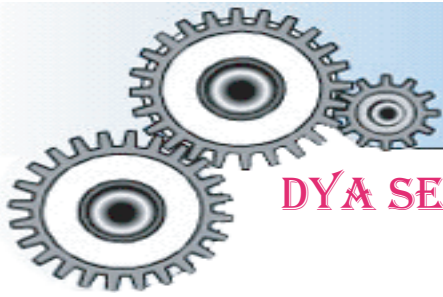
E.M. WET CLUTCH

FOR GEAR DETAILS REFER CHART



SR. NO.	MODEL NO.	TORQUE IN (kg-m)		OVERALL DIMENSIONS(MM)								MOUNTING DIMENSION					GEAR DATA			NO. OF PLATE			COIL RESISTANCE at 20°C()	POWER at 20°C (Watt)
		STA	DYN	A	B	C	D	E	G	H	M	J	K	L	P	SIZE L X N	NO. OF TEETH	MOD	P/A	I	O	A/G		
1	01 CZA	2	1	82	80	31	2.5	8	17	19	31	35	2.5	12	50	M5 4	20	1.5	20	4	4	1.2	32	18
2	02 CZA	5	2	95	93	38	2.5	8	20	22	37	42	2.5	12	56	M6 4	27	1.5	20	4	4	1.2	34	17
3	05 CZA	10	5.5	114	114	49.5	6	10	22	27	45	55	5	14	75	M8 4	27	1.75	20	5	5	2	21	28
4	10 CZA	20	10	140	140	55	6	10	22	29	60	68	5	16	90	M8 4	31	2	20	5	5	2	17	34
5	20 CZA	40	20	166	166	58.5	7	10	25	30	65	75	6	20	100	M10 4	27	2.5	20	5	5	2.5	11	51
6	20 CZD	36	20	166	166	64.5	7	10	28	33	80	90	6	20	116	M10 4	33	2.5	20	6	6	3	13	46
7	40 CZA	80	40	195	195	69	8	10	28	34	80	90	6	20	116	M10 4	33	2.5	20	8	6	3.5	7.5	83
8	40 CZD	80	45	195	195	68	8	10	28	34	100	110	6	20	125	M10 4	34	3	20	8	8	4.5	8.6	68
9	60 CZA	110	60	210	210	77.5	9	10	31	39	90	100	6	20	130	M12 4	36	2.5	20	6	6	4	6.3	91
10	80 CZA	180	100	240	240	80	9	10	32	40	100	110	6	25	145	M12 4	42	2.5	20	6	6	5	6.5	89

NOTE: STANSARD VOLTAGE IS 24 V DC, 120CZA &160CZA ARE AVAILABLE ON REQUEST



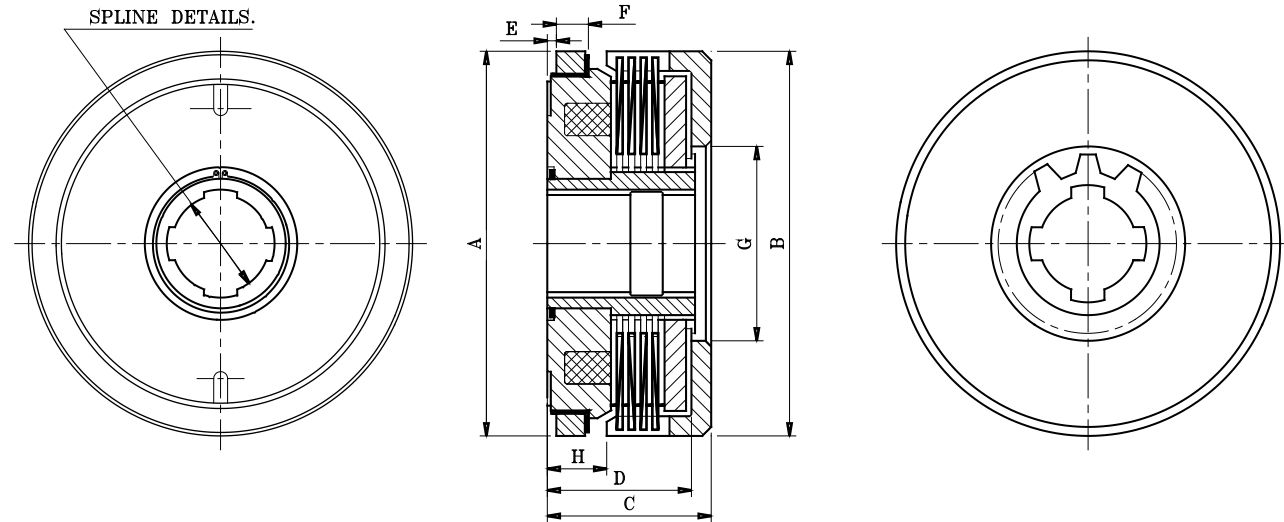
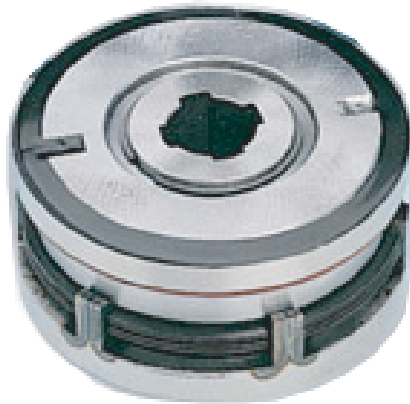
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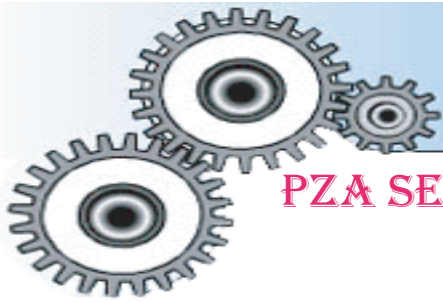
DYA SERIES

E.M. WET CLUTCH



SR. NO.	MODEL NO.	TORQUE IN (kg-m)		OVERALL DIMENSIONS(MM)								SPLINE DIMENSIONS OR KEY	NO. OF PLATE			COIL RESISTANCE at 20°C()	POWER at 20°C (Watt)
		STATIC	DYNAMIC	A	B	C	D	E	F	G	H		I	O	A/G		
1	01DYA	2	1	82	82	38	33	1.5	8	34	16	16-5-1	3	3	1.00	32	18
2	02DYA	5	2	95	95	46	41	2	8	45	23.5	25 X 21 X 8-4	5	4	1.20	34	17
3	05DYA	10	5.5	114	114	55	49	2	10	51	26	32 X 28 X 10-4	6	5	1.80	25	22
4	10DYA	20	10	134	134	61.5	56	3	10	61	29	36 X 40 X 7-4	6	5	2.00	17	34
5	10DYB	20	10	134	134	61.5	56	3	10	70	29	40 - 12 - 1	6	5	2.00	17	34
6	10DYC	20	10	134	134	61.5	56	3	10	60	29	30 - 8 - 1	6	5	2.00	17	34
7	10DYD	20	10	134	134	61.5	56	3	10	60	29	42 - 12 - 1	6	5	2.00	17	34
8	10DYE	20	10	134	134	61.5	56	3	10	61	29	36 X 42 X 12-4	6	5	2.00	17	34
9	10DYF	20	10	134	134	61.5	56	3	10	61	29		6	5	2.00	17	34
10	20DYA	40	20	166	166	71	64	2	10	75	33	52 X 46 X 14-4	6	5	2.50	11	51
11	20DYB	40	20	166	166	71	64	2	10	75	33	42 - 12 - 1	6	5	2.50	11	51
12	20DYC	40	20	166	166	71	33	2	10	75	33	42 - 12 - 1	6	5	2.50	11	51
13	40DYA	80	40	195	195	85	75	3	10	90	36	62 X 65.1 X 18 X 1	7	6	2.50	7.1	83
14	60DYC	110	60	210	210	90	78	3	10	96	35	52 X 12 X 2.1X2	7	6	4	6.3	91

NOTE : STANDARD VOLTAGE IS 24 VDC, 120 FXA & 160 FXA ARE AVAILABLE ON REQUEST



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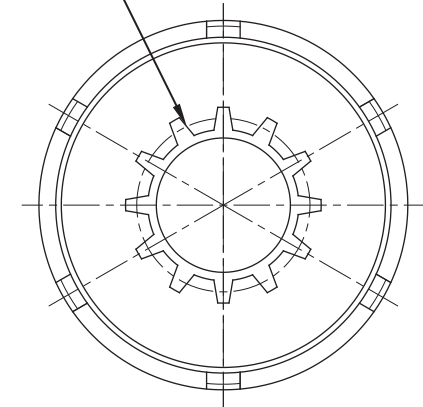
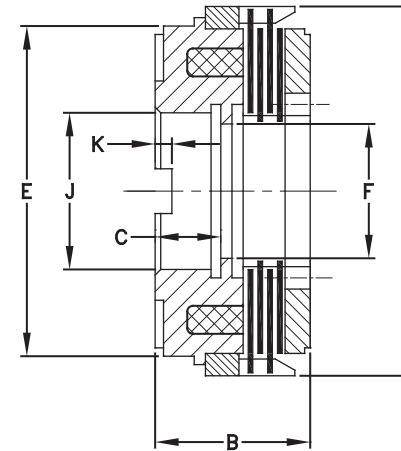
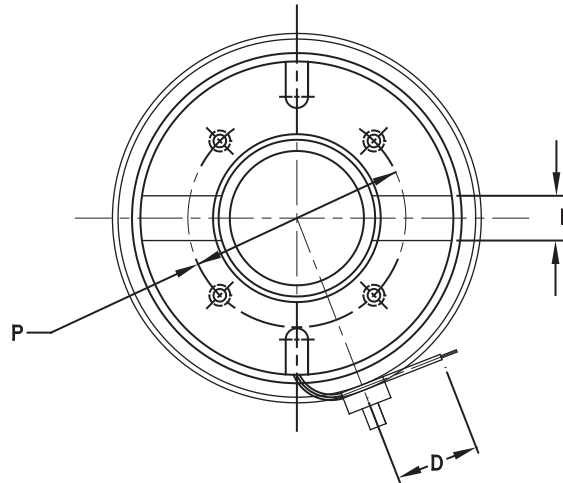
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PZA SERIES

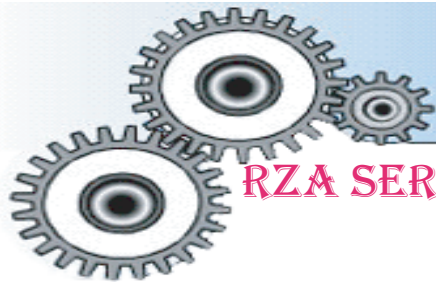
E.M. WET BRAKE

FOR GEAR DETAILS REFER CHART.



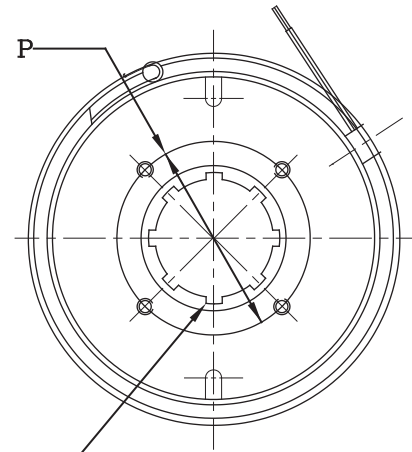
SR. NO.	MODEL NO.	TORQUE IN (kg-m)		OVERALL DIMENSIONS(MM)					MOUNTING DIMENSION					GEAR DATA			NO. OF PLATE			COIL RESISTANCE at 20 ^o c()	POWER at 20 ^o c (Watt)	DRG. FILE NO.
		STATIC	DYNAMIC	A	B	C	D	E	J	K	L	P	SIZE	NO. OF TEETH	MOD	P/A	I	O	A/G			REMARKS
1	01 PZA	2	1	80	31	17	250	67	31	2.5	12	50	M5	20	1.5	20	4	4	1	32	18	-
2	02 PZA	5	2	93	38	20	250	78	37	2.5	12	56	M6	27	1.5	20	4	4	1.2	34	17	DF-0-4
3	05 PZA	10	5.5	114	49.5	22	1000	95	45	5	14	75	M8	27	1.75	20	5	5	1.8	21	28	DF-0-2
4	10 PZA	20	10	140	55	22	1000	120	60	5	16	90	M8	31	2	20	5	5	2	17	34	DF-0-3
5	20 PZA	40	20	166	58.5	25	1000	142	65	6	20	100	M10	27	2.5	20	5	5	2.5	11	51	DF-0-1
6	40 PZA	80	40	195	69	28	1000	17	80	6	20	116	M10	33	2.5	20	6	6	3.5	7.5	83	DF-0-25
7	60 PZA	110	60	210	77.5	31	1000	184	90	6	20	130	M12	36	2.5	20	6	6	4	6.3	91	DF-0-31
8	80 PZA	180	100	240	80	32	1000	216	100	6	25	145	M12	42	2.5	20	6	6	5	6.5	89	DF-0-58
STANDARD VOLTAGE IS 24 VDC, 120 PZA & 160 PZA ARE AVAILABLE ON REQUEST																						

STANDARD VOLTAGE IS 24 VDC, 120 PZA & 160 PZA ARE AVAILABLE ON REQUEST

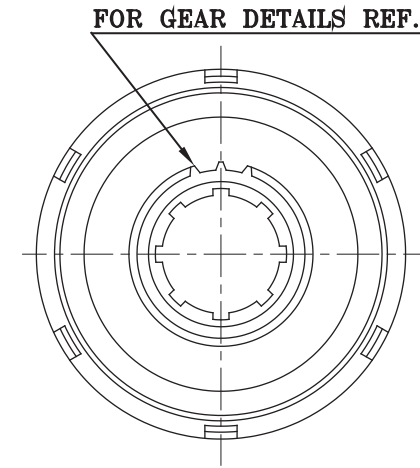
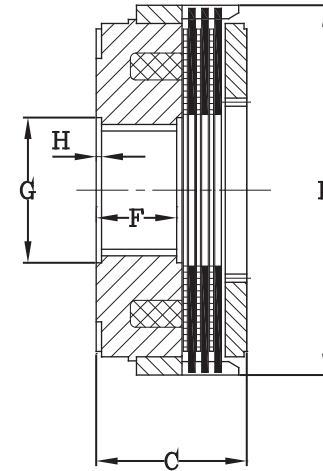


RZA SERIES

E.M. WET BRAKE



FOR SPLINE DETAILS REF. CHART.



FOR GEAR DETAILS REF. CHART.

SR. NO.	MODEL NO.	TORQUE IN (kg-m)							SPLINE DIMENSIONS H7	FIXING DIMENSIONS			GEAR DATA			NO. OF PLATE			COIL RESISTANCE at 20°C()	POWER at 20°C (Watt)
		STATIC	DYNAMIC	B	C	F	G	H		P	NO.OF HOLES	SIZE	NO. OF TEETH	MOD	P/A	I	O	A/G		
1	0.5 RZA	0.7	0.5	70	23	14	27	1.5	Ø25 ONE KEYWAY6	32	3	M4	15	1.5	20	2	2	0.7	73	8
2	01 RZA	2	1	80	29.5	16.5	36	1.5	Ø34 ONE KEYWAY6	41	3	M4	20	1.5	20	4	4	1.2	32	18
3	02 RZA	5	2	93	36	20	42	2	40 X 36 X 8 - 8	50	4	M6	27	1.75	20	4	4	1.8	34	17
4	05 RZA	10	5	114	46	23	52	2	A8 X 16 X 50 X 9	60	4	M6	27	1.75	20	5	5	1.8	25	28
5	10 RZA	20	10	134	52	26	60	2	58 X 52 X 8 - 10	72	4	M8	28	2	20	5	5	2	16	36
6	20 RZA	40	20	166	58.5	30	80	2.5	A10 X 72 X 78 X 12	92	5	M10	27	2.5	20	5	5	2.5	11	51
7	40 RZA	70	20	195	68.5	33.5	90	3	A10 X 82 X 88 X 12	110	5	M10	33	2.5	20	6	6	3.5	7.1	83
8	60 RZB	110	60	210	73.5	35	100	3	A10 X 92 X 98 X 14	120	5	M10	36	2.5	20	6	6	4	6.3	91
9	80 RZA	180	100	240	77	37	110	3	A10 X 102 X 108	136	5	M12	42	2.5	20	6	6	5	6.5	89
10	120 RZA	240	130	258	80	35	123	3	A10 X 112 X 120	160	5	M12	54	2.5	20	8	8	4	4.2	140

NOTE: STANDARD VOLTAGE IS 24 V. DC, 160RZA AVAILABLE ON REQUEST.