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STAT

Metallurgical and Crane [redacted]

Direct Current Motors

By: R. E. Gel'man

Promyshlennaya Energetika,

Moscow, Dec 1951

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PRODUCED BY A

METALLURGICAL AND CRANE [redacted] DIRECT-CURRENT MOTORS [redacted] MINISTRY OF ELECTRICAL INDUSTRY PLANT

Type	Size	Series			Compound			Shunt			Diagram	Weight (kg)
		Power (kw)	Current (a)	Speed (rpm)	Power (kw)	Current (a)	Speed (rpm)	Power (kw)	Current (a)	Speed (rpm)		
Metallurgical, enclosed, aircooled, 220 volts, 25 percent duty cycle												
MP-12	1	2,5	15,6	1,000	2,5	14,8	1.200	2.5	14.2	1,300	1	132
MP-22	2	4,5	28	880	4,5	26,5	1.100	4,5	26	1,100	1	205
MP-32	3	9	552	750	9	50	900	9	48	900	1	340
MP-41	4	12,5	72	630	12	66	680	12	64	685	1	480
MP-42	4	17	92	600	16	86	700	16	84	700	1	570
MP-51	5	25	134	570	24	128	580	23	120	600	2	965
MP-52	5	35	185	575	34	175	650	33	168	650	2	1175
MP-62	6	50	260	510	46	235	580	46	231	580	2	1850
MP-72	7	80	405	460	75	380	520	75	374	520	2	2680
MP-82	8	105	530	420	100	500	475	100	500	475	2	3900
Metallurgical, enclosed, aircooled, 440 volts, 25 percent duty cycle												
MP-22	2	5	15	1.030	5	14	1,300	5	14	1,300	1	205
MP-32	3	7	21	730	7	20	900	7	19,6	900	1	340
MP-42	4	16	44	605	15	41	700	15	40	700	1	570
MP-52	5	35	92	580	33	87	650	33	84	650	2	1175
MP-62	6	48	125	510	44	112	580	44	110	580	2	1850
MP-72	7	77	195	460	73	182	520	73	180	520	2	2680
MP-82	8	95	240	420	90	224	475	90	222	475	2	3900
Metallurgical, enclosed, independent ventilation, 220 volts, 100 percent duty cycle												
MP-41	4	12	66	660	12	66	680	12	64	685	1	480
MP-42	4	16	84	625	16	84	700	16	83	700	1	570
MP-51	5	21	110	625	21	110	595	21	110	605	2	965
MP-52	5	30	155	610	30	152	665	30	152	645	2	1175
MP-62	6	40	210	570	40	205	600	40	205	575	2	1850
MP-72	7	72	360	475	72	360	525	72	360	520	2	2680
MP-82	8	100	500	425	100	500	475	100	500	475	2	3900
MP-82a	8	130	640	585	130	640	635	130	640	630	2	--
Metallurgical, enclosed, independent ventilation, 440 volts, 100 percent duty cycle												
MP-42	4	15	40	640	15	40	705	15	40	700	1	570
MP-52	5	30	78	615	30	76	670	30	75	650	2	1175
MP-62	6	40	100	580	40	100	600	40	100	575	2	1850
MP-72	7	66	170	485	68	170	525	68	170	520	2	2680
MP-82	8	85	215	450	85	210	485	85	210	470	2	3900

Source identification: Promyshlennaya Energetika, No. 12, Dec 1951.

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Type	Size	Series			Compound			Shunt			Diagram	Weight (kg)
		Power (kw)	Current (a)	Speed (rpm)	Power (kw)	Current (a)	Speed (rpm)	Power (kw)	Current (a)	Speed (rpm)		
Crane [redacted], enclosed, air cooled, 220V, 25 percent duty cycle												
KPDN-2Y	2	4,4	26	1 210	4.3	25	1 525	4.3	24	1 525	1	185
KPDN-2SH	2	5,5	31	1 200	5,5	30	1 450	5,2	28	1 450	1	205
KPDN-3Y	3	7,8	43	1 130	7,8	42	1 300	7,7	41	1 300	1	285
KPDN-3SH	3	11,5	61	1 130	11	58	1 320	11	57	1 340	1	340
KPDN-4Y	4	17,5	91	1 000	17	87	1 200	17,3	87,5	1 200	1	480
KPDN-4SH	4	23,2	122	910	22,4	116	1 050	21,5	110	1 100	1	570
KPDN-5Y	5	33	173	830	33	168	955	29	148	980	1	850
KPDN-5SH	5	43	222	820	43	220	900	37	185	950	1	970
Crane [redacted], enclosed, air cooled, 440V, 25 percent duty cycle												
KPDN-2Y	2	3,9	11,5	1 430	3,8	11.	1 680	3,7	10,5	1 720	1	185
KPDN-3Y	3	6	17,2	1 120	5,9	16,5	1 300	5,6	15,5	1 325	1	285
KPDN-4Y	4	17	45	1 020	16,5	43	1 195	16	42	1 210	1	480
KPDN-5Y	5	33	85	830	33	84	955	29	74	980	1	850
Crane [redacted], enclosed, independent ventilation 220V, 100 percent duty cycle												
KPDN-4Y	4	14,5	80	1 030	15	80	1 210	15	80	1 185	1	480
KPDN-4SH	4	19	102	970	19,5	102	1 080	20	102	1 060	1	570
KPDN-5Y	5	28	145	870	28	145	990	28,5	145	980	1	850
KPDN-5SH	5	36	190	815	37	190	920	38	190	950	1	970
Crane [redacted], enclosed independent ventilation 440V, 100 percent duty cycle												
KPDN-4Y	4	13,5	37	1 080	14	37	1 215	14	37	1 210	1	480
KPDN-4Y	5	24	63	920	25	63	1 000	25	63	980	1	850

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