

**DIRECT CURRENT MOTORS "AP" LIGHT LINE**  
IP23 execution, dripproof, self-ventilated

POWER EXPRESSED in **kW** and **CV**

TYPE	SPEED IN REV/MIN										Highest excitation power Watt
	1500		2000		2500		3000		4000		
	kW	CV	kW	CV	kW	CV	kW	CV	kW	CV	
<b>AP 71/80</b>	0,3	0,42	0,4	0,55	0,53	0,72	0,58	0,8	0,77	1,05	40
<b>AP 71/105</b>	0,4	0,55	0,54	0,74	0,7	0,95	0,73	1	1	1,36	50
<b>AP 40</b>	0,51	0,7	0,66	0,9	0,8	1,1	0,88	1,2	1,32	1,8	64
<b>AP 50</b>	0,66	0,9	0,82	1,12	0,96	1,3	1,18	1,6	1,47	2	70
<b>AP 75</b>	0,97	1,32	1,4	1,9	1,18	2,25	1,84	2,5	-	-	95
<b>AP 100</b>	1,25	1,7	1,7	2,3	2	2,75	2,3	3,15	-	-	110
<b>AP 100R</b>	1,47	2	1,9	2,6	2,28	3,1	2,65	3,6	-	-	160

ARMOUR TENSION FROM 24 TO 140V  
FORM FACTOR = 1

TYPE	SPEED IN REV/MIN										Highest excitation power Watt
	1500		2000		2500		3000		4000		
	kW	CV	kW	CV	kW	CV	kW	CV	kW	CV	
<b>AP 71/80</b>	0,22	0,3	0,29	0,4	0,36	0,5	0,41	0,56	0,51	0,7	40
<b>AP 71/105</b>	0,28	0,4	0,38	0,5	0,47	0,65	0,54	0,73	0,67	0,9	50
<b>AP 40</b>	0,51	0,7	0,59	0,8	0,67	0,92	0,73	1	0,88	1,2	64
<b>AP 50</b>	0,66	0,9	0,77	1,05	0,88	1,2	0,96	1,3	1,18	1,6	70
<b>AP 75</b>	0,96	1,3	1,25	1,7	1,47	2	1,7	2,3	-	-	95
<b>AP 100</b>	1,25	1,7	1,6	2,2	1,84	2,5	2	2,8	-	-	110
<b>AP 100R</b>	1,39	1,9	1,76	2,4	2	2,8	2,35	3,2	-	-	160

ARMOUR TENSION FROM 110 TO 220V  
FORM FACTOR = 1

**DOWNGRADING OF THE EMITTED POWERS FOR STEADY TORQUE**

Speed adjusting ratio for continuous service	Required power compared to the catalogue one	List power compared to the required one
<b>from 1 to 5</b>	<b>80%</b>	<b>125%</b>
<b>from 1 to 10</b>	<b>70%</b>	<b>143%</b>
<b>from 1 to 20 or more</b>	<b>67%</b>	<b>150%</b>

NOTE - The value referred to the delivered power is influenced by the type of feeding.  
Size of the machine must be adapted according to the following rectifying factor:

FEEDING FROM THREE-PHASE BRIDGE	- fully controlled=	<b>1</b>
FEEDING FROM THREE-PHASE BRIDGE	- partially controlled =	<b>1,15</b>
FEEDING FROM SINGLE-PHASE BRIDGE	- partially controlled =	<b>1,4</b>