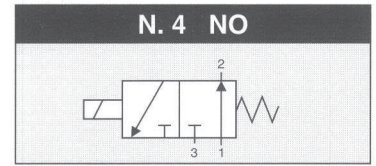
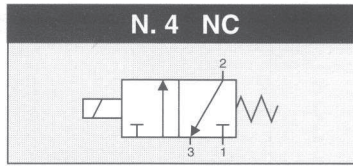


CONTROL: DIRECT



GENERAL CHARACTERISTICS

FLUID	Non-lubricated dry air, neutral gases (-10 + 50°C)		
FILTRATION RATING	Min 40 micron		
TEMPERATURE	- 10 + 50°C (Standard version)		
RESPONSE TIME IN OPENING	12 / 24 < 7 ms	JJ < 5 ms	XX / KK < 2 ms
RESPONSE TIME IN CLOSING	12 / 24 < 3 ms	JJ < 2 ms	XX / KK < 2 ms
MAXIMUM FREQUENCY	100 Hz	200 Hz	300 Hz
WEIGHT	340 g		
PRODUCT LIFE EXPECTANCY	≥ 500 M/s cycles		
IP RATING	IP 52 - IP 62 - IP 65		

IDENTIFICATION CODE

	H	X	7	5	4	4	E	2	C	3	24
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**OUTLETS**

4	4 Outlet
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**FLOW RATE** (at 6 bar)

H	100 NI/min
B	160 NI/min
M	200 NI/min (control tension JJ XX KK)

**VERSION**

	Standard
H	HNBR Shutters

**No. ELECTRICAL CONTROLS**

4	4 Controls
C	4 Controls / Integrated diodes with common 0 V
F	4 Controls / Integrated diodes with common 12/24 V

**PORT CONNECTION**

0	Integrated cables IP 62 L = 500 mm
E	Presetting for Easy connection IP 52 - IP 65

**SPECIAL PROTECTIONS**

	Only with EASY IP 65 port connection
M	Stainless steel (INOX) flanges
N	EPOX BLACK varnished flanges

**FUNCTION**

A	NO
C	NC

**TYPE**

3	3/2
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**CONTROL TENSION**

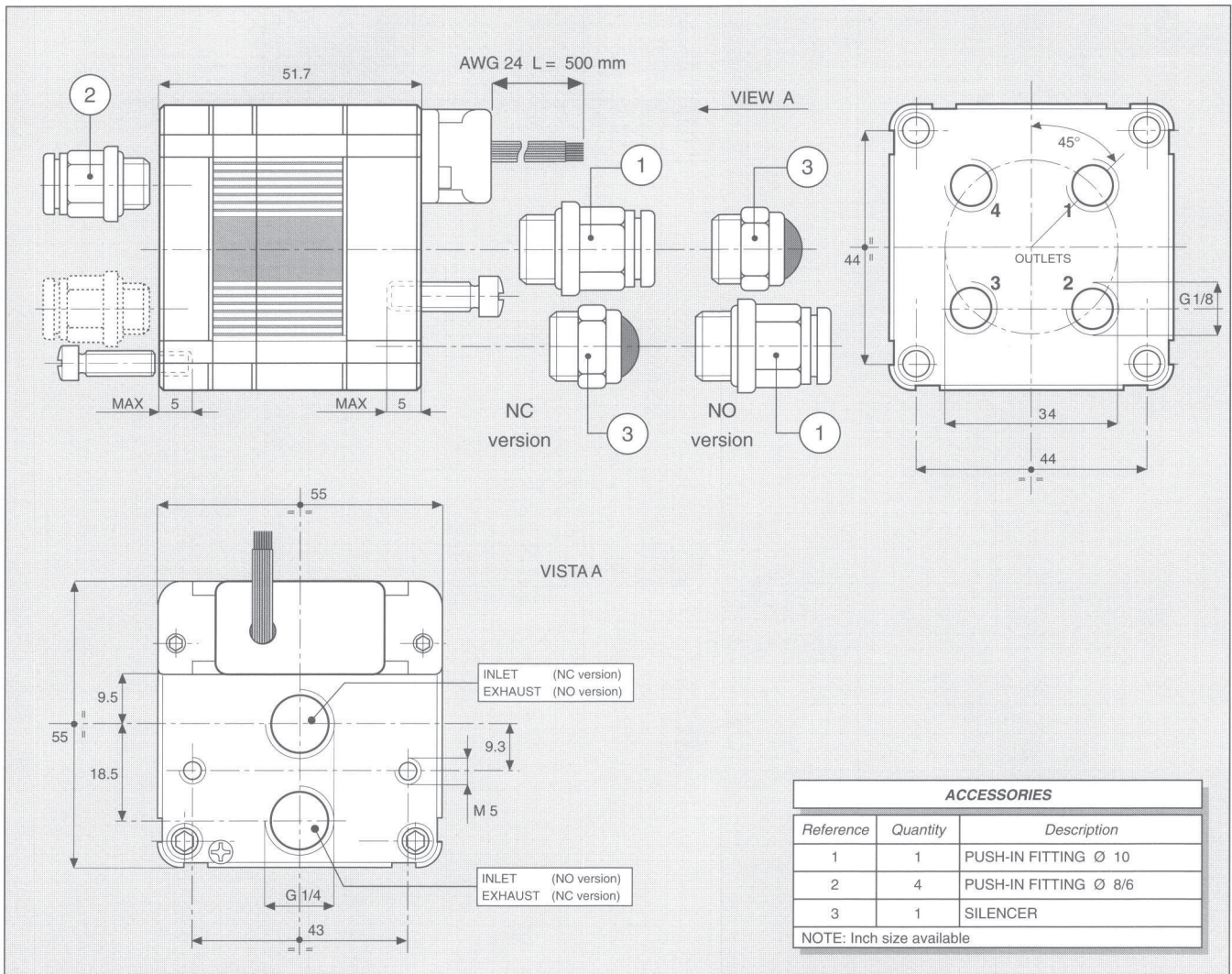
12	12 VDC ± 10%	ED 100%	2.9 W
24	24 VDC ± 10%	ED 100%	2.5 W
JJ	24 VDC ± 10%	ED 100% <sup>(1)</sup>	3.8 W
XX	Speed-up in current	ED 100% <sup>(1)</sup>	—
KK	Speed-up in tension	ED 100% <sup>(1)</sup>	—

(1) Only with Electronic Driver Boards PRB or UDB

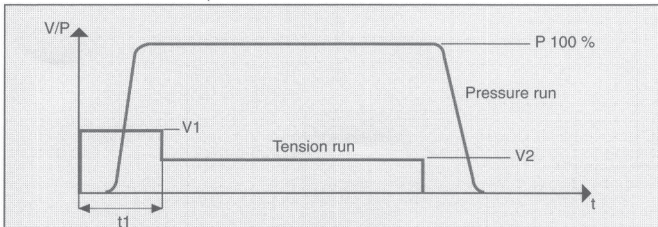
**PRESSIONE DI ESERCIZIO**

	RANGE	MODELS
1	0 - 4 bar	All
2	4 - 8 bar	All
3	0 - 8 bar	..... XX / KK
8	2 - 6 bar	All





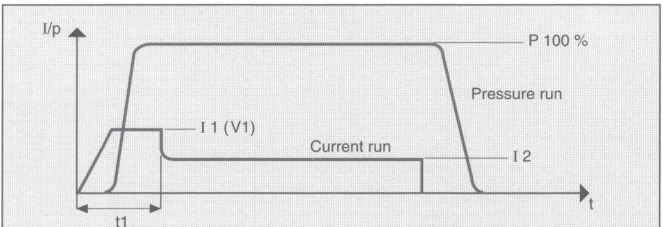
CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS KK



N.B. KK MODELS ARE CONTROLLED IN TENSION

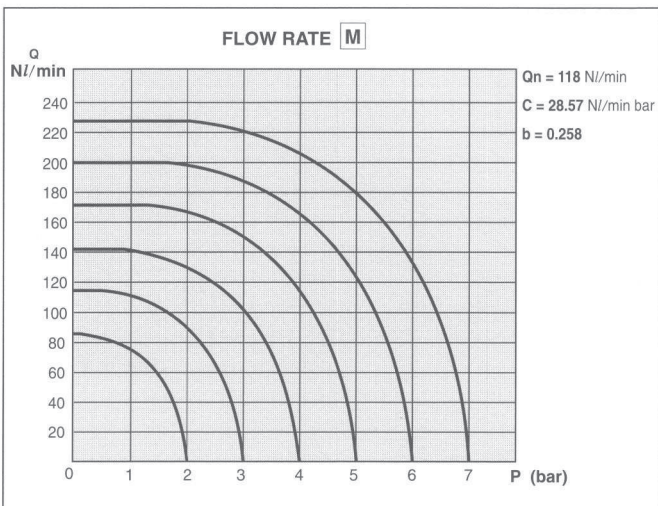
V 1 = 24 VDC      t 1 = 2 ms      V 2 = 5 VDC

CHARACTERISTICS OF THE ELECTRICAL CONTROL - MODELS XX



N.B. XX MODELS ARE CONTROLLED IN CURRENT

I 1 = 1.4 A      t 1 = 2 ms      I 2 = 0.6 A



**ELECTRICAL PORT CONNECTION**

COLOUR	4 CONTROLS
BLACK	COMMON
BROWN	1
RED	2
ORANGE	3
YELLOW	4