

II 2G Ex d IIC T5 Gb  
 II 2G Ex de IIC T5 Gb ( )  
 II 2D Ex tb IIIC T100°C Db

ULR 2PA-Ex

REMATIC, DMS3,  
 24 V DC (2P )  
 (3P )  
 PROFIBUS DP V0/V1 MODBUS RTU.  
 : LED ( , RS-232).  
 a a  
 « - ».



### DMS3

- 220 V AC
- 
- T
- 
- a 60 % 100 %
- ( )
- ( )
- 2 R1, R2 (18 )
- READY
- - 0/4 - 20 mA, 4 - 12 mA, 12 - 20 mA 0/2 - 10 V
- 24 V DC - , ,
- 24 V DC - , ,
- 
- ESD ( )
- - 4 - 20 mA a ( )
- 24 V DC, 40
- ( , , .)
- 
- LED
- RS 232
- 
- ISO 5210
- 
- IP 66 / IP 67
- 
- RE3, RE4, RE5
- RE1, RE2, RE3, RE4, RE5, READY
- PROFIBUS DP V0/V1,
- MODBUS RTU,

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547	x	-	x	x	x	x	x	/	x	x
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15150		60721-2-1		e		T5			
3.1	( )	(R)+WDr, MWDr, EWDr	-25°C ÷ +55°C	C3	IP 66/IP 67	1			
				C4		2			
				C3		5			
				(M)		-50°C ÷ +40°C	C3	3	
				( )		-25°C ÷ +55°C	C3	6	
				( )		(WW)	-50°C ÷ +40°C	C4	7

		23)			
50 Hz	230 V AC	Z514, Z523, Z515	0		
		Z574c, Z563	L		
	120V AC	Z514, Z523, Z515	T		
		Z574c, Z563	B		
	110V AC	Z532b, Z536b, Z537b	2		
		Z574d, Z563a	N		
50 Hz	3x400 V AC	Z532f, Z536f, Z537f	E		
	3x380 V AC		F		

230 (220) V AC			3x400 (380) V AC					
31)	32)		31)	32)		33)		
	«	»		«	»	50 Hz	60 Hz	
25 kN	15 kN	10 kN	25 kN	15 kN	10 kN	14 mm/min	17 mm/min	A
						25 mm/min	30 mm/min	B
						40 mm/min	48 mm/min	C
						60 mm/min	72 mm/min	D
						80 mm/min	96 mm/min	E
100 mm/min	120 mm/min	F						
120 mm/min	144 mm/min	G						
16 kN	10 kN	6,5 kN	16 kN	10 kN	6,5 kN	14 mm/min	17 mm/min	H
						25 mm/min	30 mm/min	J
						40 mm/min	48 mm/min	K
						60 mm/min	72 mm/min	L
						80 mm/min	96 mm/min	M
100 mm/min	120 mm/min	N						
120 mm/min	144 mm/min	P						

10	10 - 96	A
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		24 V DC						
DMS3	2P					Z515, Z537b Z537f	F	
	3P/2P	0/4 - 20 mA		24 V DC	4 - 20 mA	Z514, Z532b Z532f	G	
		0/2 - 10 V					Z523, Z536b Z536f	H
DMS3 M1	/ 2P	MODBUS RTU		24 V DC		Z574c, Z547d	M	
DMS3 M2						Z563, Z563a	N	
DMS3 P1		PROFIBUS DP V0 / V1					Z574c, Z547d	P
DMS3 P2							Z563, Z563a	R

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547. x - x x x x x / x x

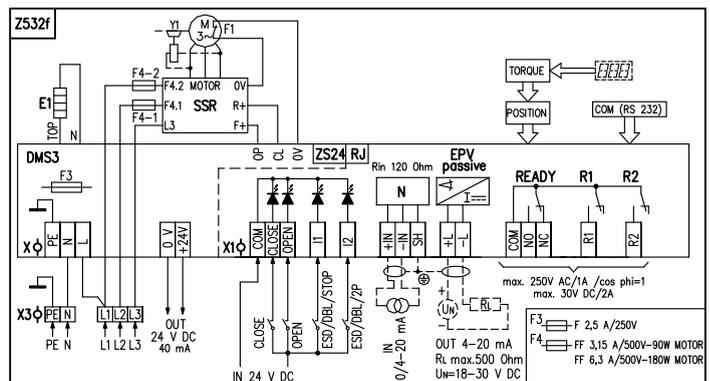
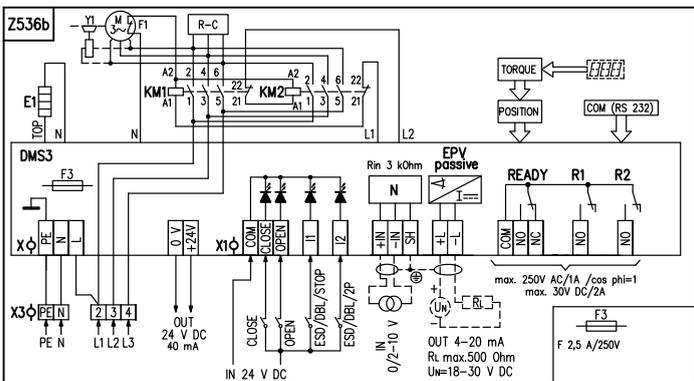
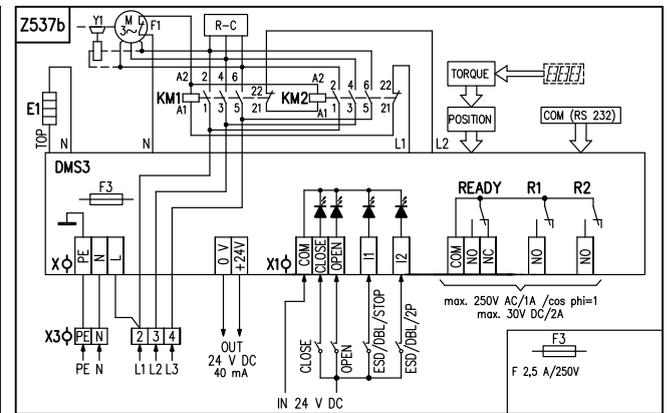
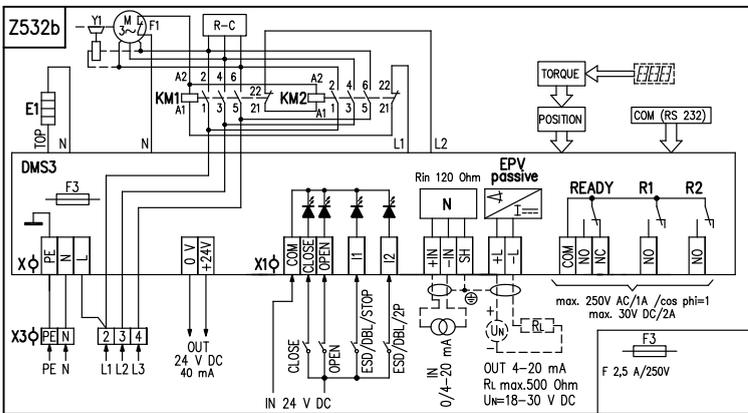
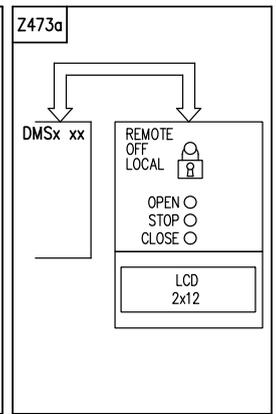
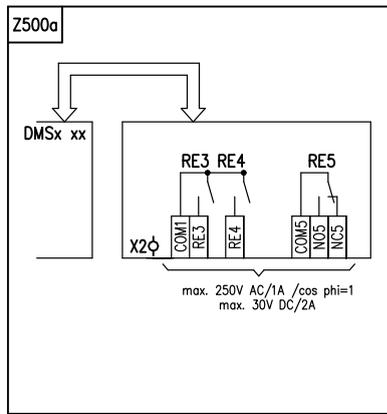
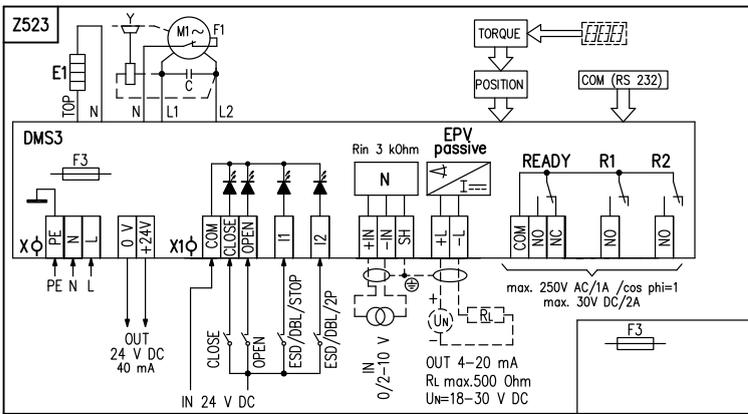
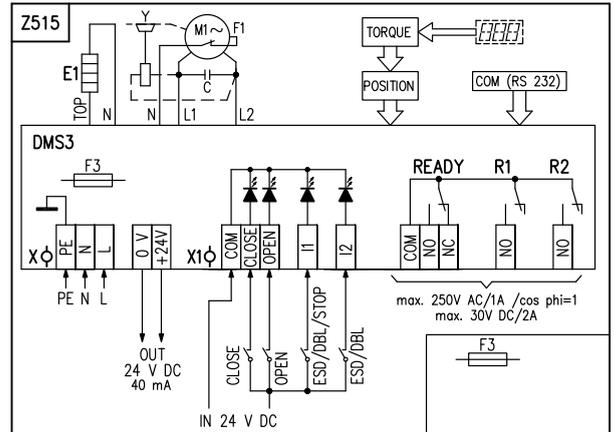
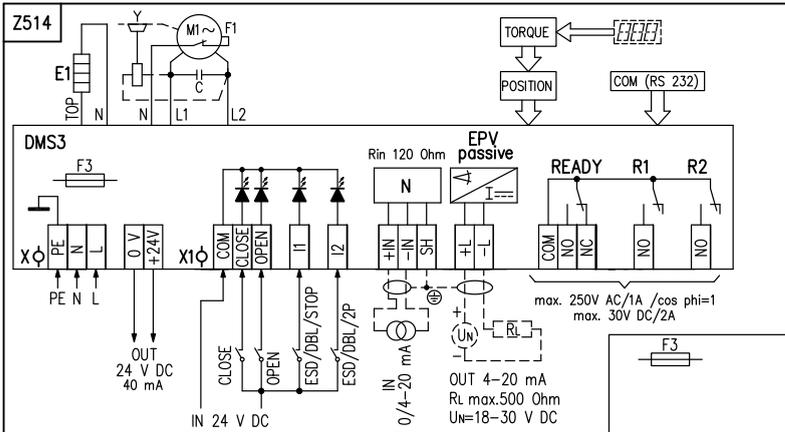
				<sup>62)</sup>		↓
EN 15714-2	F07 (Y/55) <sup>61)</sup>	40 mm	90 mm	M16x1.5-25		A
	F10 (Y/70) <sup>61)</sup>	60 mm	115 mm	M20x1.5-25		B
	A	50 mm (80 mm)	110 / 100 / 65 H12	M20x1,5-34	P-2059/A	D
	B		112 / 100 / 80 H12		P-2059/B	E
	E		110 / 100 / 85 H12		P-2059/C	3
4	A		110 / 100 mm	M20x1,5-34		F
	B		112 / 100 mm			G
	A		92 mm	M14x2-34		J
	B		30 mm			K
	C		74 mm	M16X1,5-34		L
	D		126 mm			M
4	A		92 mm	UN 7/8" -9		N
	B	30 mm			P	
	C	74 mm			Q	
	D	126 mm			R	
						X

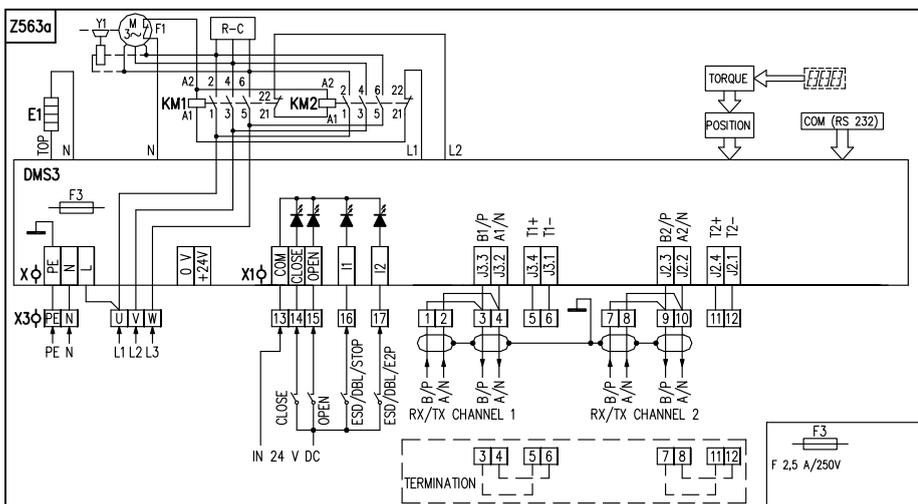
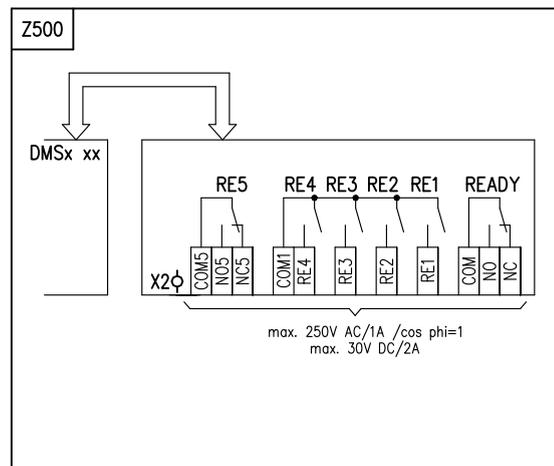
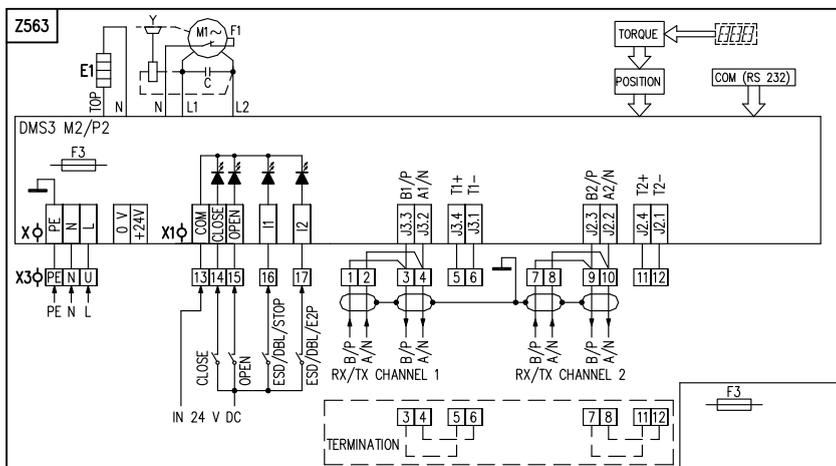
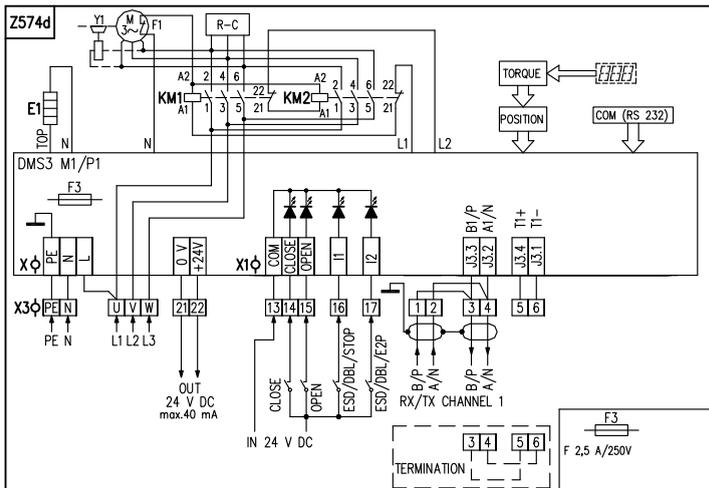
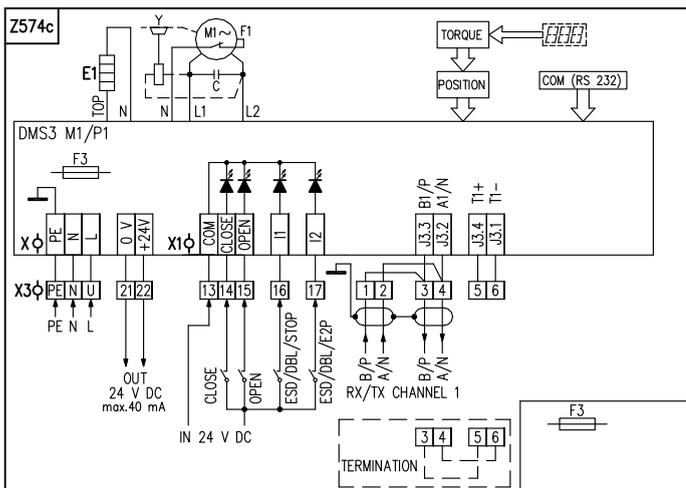
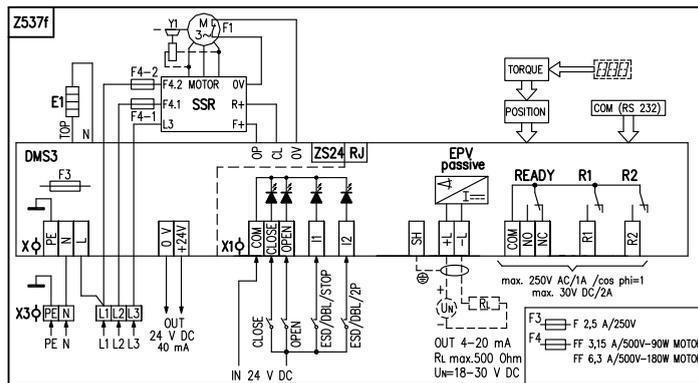
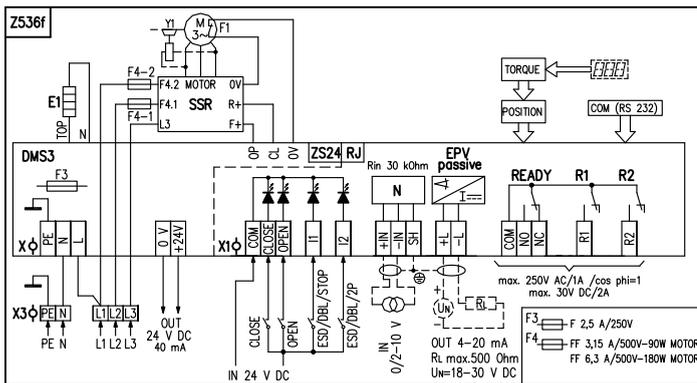
/			↓	↓
A			0	1
B			0	3
D	RE3, RE4, RE5 ( DMS3 RE3) <sup>71)</sup>	Z500a	0	5
E	RE1, RE2, RE3, RE4, RE5, READY ( DMS3 RE6) <sup>71)</sup>	Z500	0	6
F	LCD ( -25°C)	Z473a	0	7
K	„e“ <sup>72)</sup>	-	1	1
: A+B=20, A+D=22, A+E=23, A+F=24, B+D=29, B+E=30, B+F=31, D+F=40 ,E+F=44, A+B+D=52, A+B+E=53, A+B+F=54, A+D+F=63, A+E+F=67, B+D+F=80, B+E+F=84, A+B+E+F=113, A+B+D+F=114				

DB-9F/RJ45 DMS3	224 A80 100
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10) :  
 11) IP 68 - 10 / 48 » .2.  
 23) " -  
 24) " 60 , 60 100 % . 80 % .  
 31) S2-10 min a S4-25% 90 / .  
 32) S4-25% , 90 - 1200 / .  
 33) 230/220 V AC 3x400/3x380 V AC.  
 71) PROFIBUS MODBUS RTU.  
 72) „d“ „e“ ( Exd „de“ ( „e“).

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32 2,5 d. " " 2

3

IECEx/ATEX

**X -**  
 PE, U, V, W (0,05 - 2,5 mm<sup>2</sup>) (3x400/3x380 V AC, 50 Hz)  
 0 V, +24 V .....2 (0,05 - 1 mm<sup>2</sup>) 24 V DC (100 mA)  
**X1 -**  
 COM, CLOSE OPEN, I1, I2 ... (0,05 - 1 mm<sup>2</sup>) 24 V DC  
 +IN, -IN, SH ..... (0,05 - 1 mm<sup>2</sup>) 0/4-20 mA  
 +L, -L ..... (0,05 - 1 mm<sup>2</sup>) ( ) 4-20 mA  
 COM, NO, NC ..... (0,05 - 1,5 mm<sup>2</sup>) READY ( )  
 R1, R2 ..... (0,05 - 1,5 mm<sup>2</sup>) R1, R2 ( )  
 COM, NO, NC ..... (0,05 - 1,5 mm<sup>2</sup>) READY ( )  
**X2 -**  
 COM1, RE1, RE2, RE3, RE4 ... (0,05 - 1,5 mm<sup>2</sup>) RE1 RE4 ( )  
 COM5, NO, NC ..... (0,05 - 1,5 mm<sup>2</sup>) RE5 ( )  
**X3 -**  
 L1, L2, L3 .....svorky (0,05 - 1,5 mm<sup>2</sup>) napájacieho napätia 3x400 V AC, 50 Hz  
 READY R1 R2  
 R 1 R 2

Z473a ...  
 Z500 ..... 6-  
 Z500a ... 3-  
 Z514 ..... a 0/4 - 20 mA c  
 4 - 20 mA a  
 Z515 ..... a  
 Z523 ..... a 0/2 - 10 V c  
 4 - 20 mA a  
 Z532b ... a 0/4 - 20 mA c  
 4 - 20 mA a , a 0/4 - 20 mA c  
 Z532f .... 4 - 20 mA a , c a 0/2 - 10 V c  
 Z536b ... 4 - 20 mA a , a 0/2 - 10 V c  
 Z537b ... a  
 Z536f .... 4 - 20 mA a , c a 0/2 - 10 V c  
 Z537f .... a  
 Z563 ..... e MODBUS/PROFIBUS -  
 Z563a ... e MODBUS/PROFIBUS -  
 Z574c ... e MODBUS/PROFIBUS -  
 Z574d ... e MODBUS/PROFIBUS -

COM(RS232) ..... PC  
 DMS3 .....  
 EPV passive ..... (EPV)  
 E1 .....  
 F1 .....  
 F2 .....  
 F3 F6 .....  
 M .....  
 N .....  
 R .....  
 POSITION .....  
 Rin .....  
 RL .....  
 UN ..... EPV  
 R1 .....  
 R2 .....  
 READY ..... ( )  
 RE1 o RE5 .....  
 TORQUE .....  
 SSR ..... (solid state)  
 X .....  
 X1 .....  
 X2 .....  
 IN .....  
 OUT .....

R1, R2, RE1, RE2, RE3, RE4, RE5:

READY: o

( EPV ): 4 - 20 mA, 20 - 4 mA.  
 ( ): 2P, 3P, 3P/2P I2.

(N): 4 - 20 mA, 20 - 4 mA, 0 - 20 mA, 20 - 0 mA, 4 - 12 mA, 12 - 4 mA, 12 - 20 mA, 20 - 12 mA;

: 2 - 10V, 10 - 2V, 0 - 10V, 10 - 0V

I1: ; ESD (Emergency shut down - 11

"); DBL (

I2: ; ESD (Emergency shut down - 12

"); DBL (

3P/2P I2

I2

); 2P (

24 V DC).

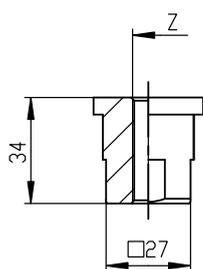
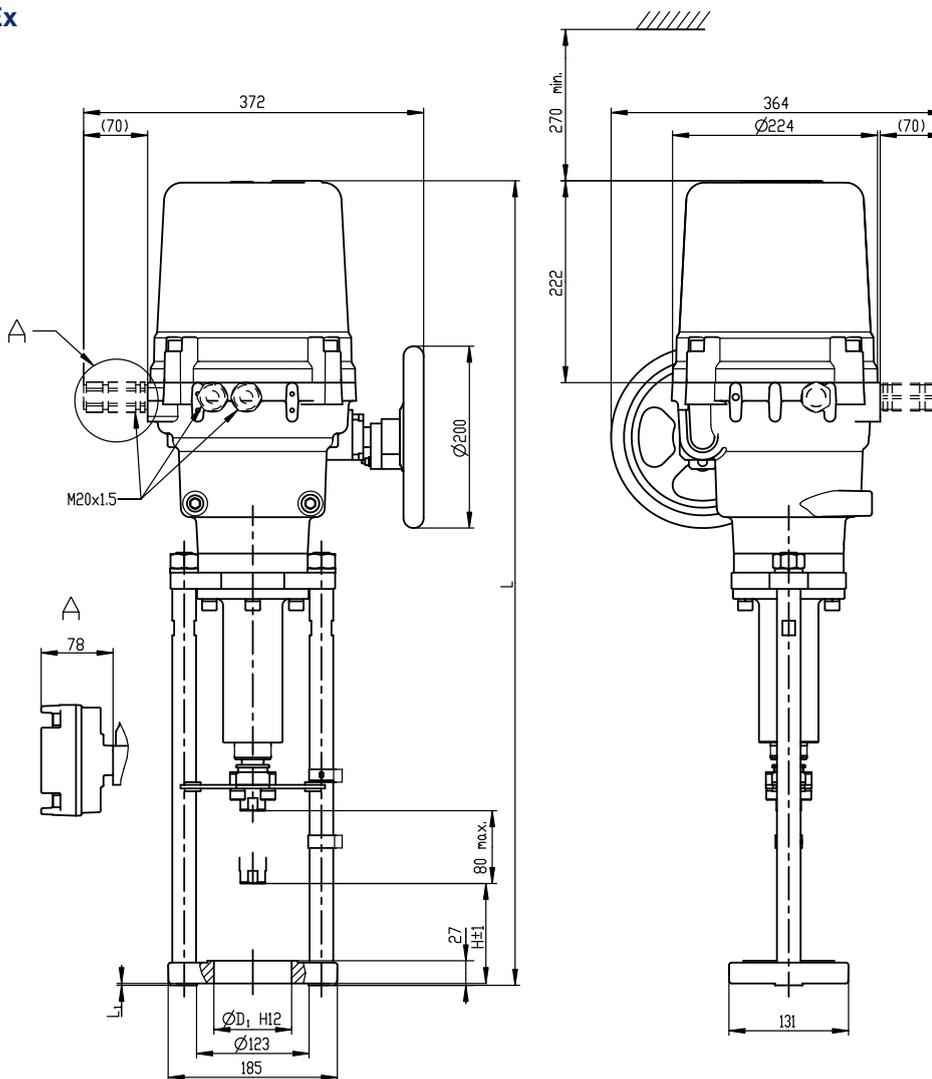
I1, I2  
ESD

I2).

ESD

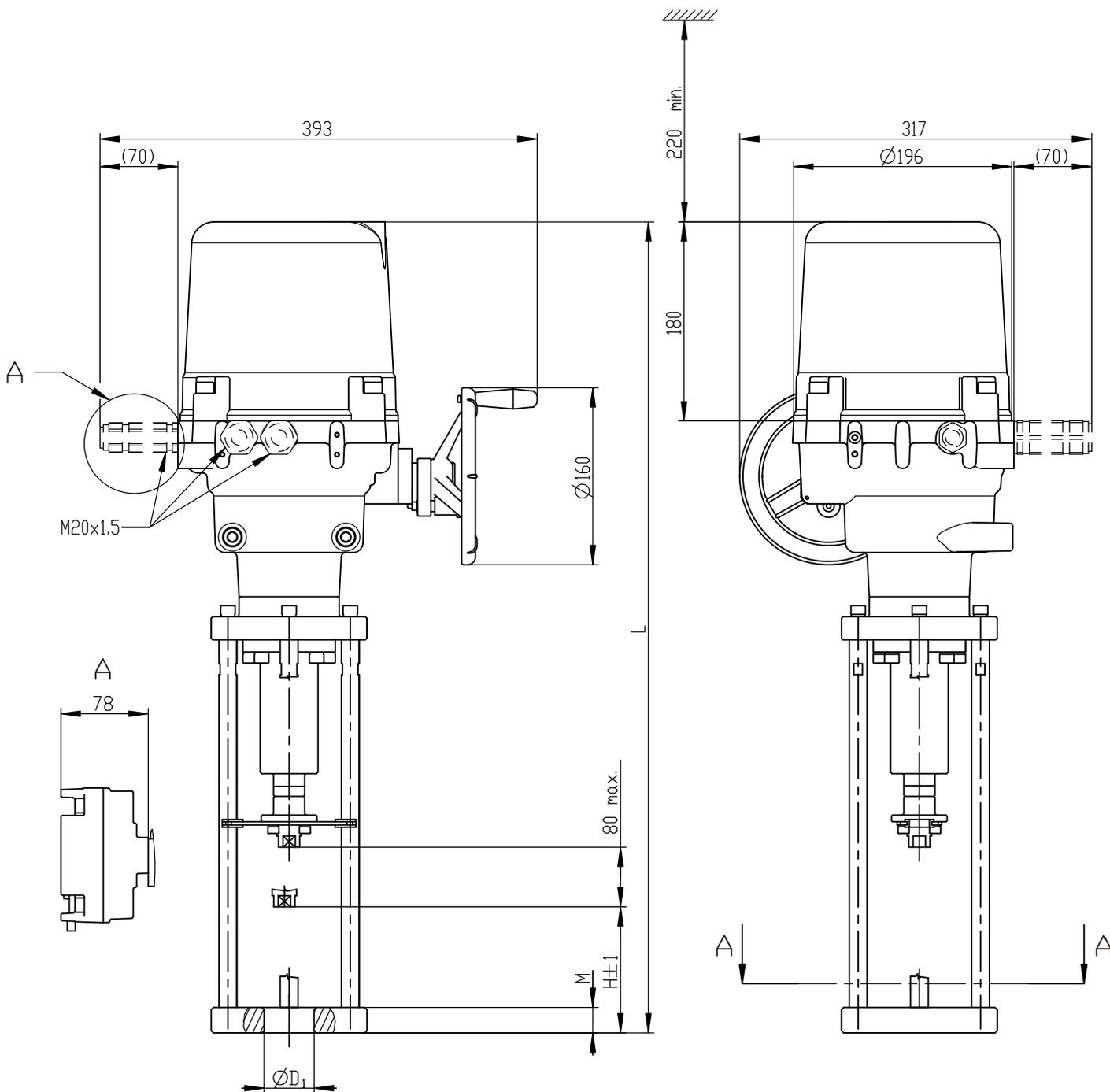
I1,

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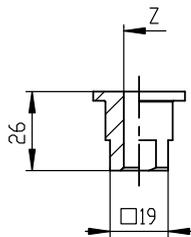


M18x1.5
M10
M12x1.25-6H
M20-6H
Ø8
M14x2
M16x2-6H
M14x1.5-6H
M20x1.5-6H
M16x1.5-6H
M10x1-6H
Z

P-2059/D	65	80	856	3
P-2059/C	85	110	885	2
P-2059/B	80	112	887	2
P-2059/A	65	110	886	3
	D <sub>1</sub>	H	L	L <sub>1</sub>

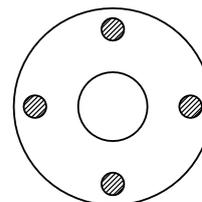


P-2057/A	45 H12	90	736	23	G
P-2057/B	45 H12	100	746	23	
P-2057/C	45 H12	75	721	17	
P-2057/D	45 H12	50	696	17	
P-2057/E	65.15 H7	85	731	23	D
P-2057/F	65.15 H7	110	756	30	
P-2057/G	57.15 H7	92	738	30	E
P-2057/H	57.15 H7	102	748	30	
	D <sub>1</sub>	H	L	M	



M8-6H
M10x1-28
M10x1.5-28
M12-28
M12x1,25
M12x1.5-6H
M14-28
M16x1.5-28
7/8"-9UN
Z

A-A



P - 2057