



**26059-89**

**( 6496-88)**

538-89/690

**26059—89**

(CT 6496—88)

# Industrial robots. Pneumatic motors of actuating mechanisms. Types, basic parameters and mounting dimensions

41 5115, 41 5 16, 41 0126, 41 5128, 41 5138

01.07.90

1,0 ,  
 7 — 8- 174^3  
 50 ° 10 32 2/  
 2—4 1 3  
 19862.

1.

1.1.

1 —

D 8 25

10

$$10 \begin{pmatrix} D & 41 \\ 2 & 5126 \end{pmatrix};$$

D

$$8 \quad 25 \quad , \quad 10 \quad 50 \quad ( \quad , \quad 41 \ 5138);$$

-

32 160

25

10 P:

10

$D = 20 D(41\ 5128)$

D—

$$\begin{pmatrix} & 41\ 5116) \\ ( & 41\ 5115) \end{pmatrix}$$

(6)

, 1990

1.2.

; ; ; ;

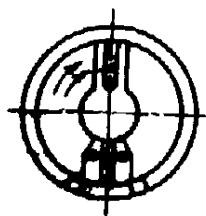
— . 1.

| \*

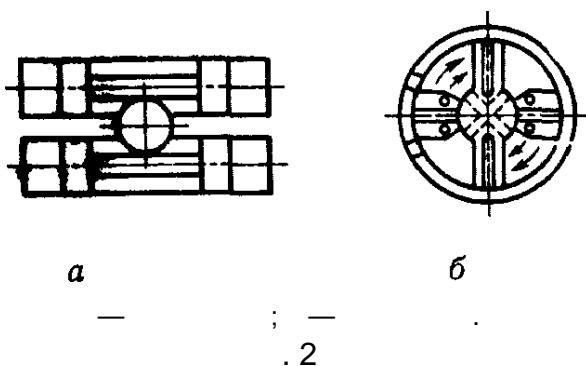
		( 6099)
	( )	MR3 MP3 MS3 MF8
		1 MSI MF1 MF2 MP4 2 4

1.3.

( . 1);  
( . 2).



— & ; . 1



1.4.

(  $\varepsilon > i$  )(  $D_2$  ).

2.

2.1.

 $D = 1,0$ 

2.2.

— 0,63

2.3.

15608.

2.4.

Al,	2,	,	$D$
3—9		.	2—7.
		.	3—9

2.5.

2 / ,

—

1.5 / .

2.6.

4 15150.

2.7.

250	—	$10^7$
		5000

250 ,

2.8.

 $6 \cdot 10^6$ 

500 ,

500 —

6000

2.9.

;

 $8 \cdot 10$   
 $10^6$ 

—

;

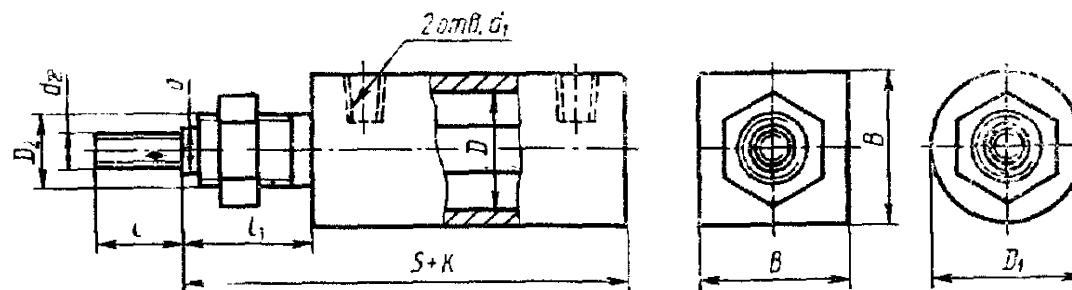
2.7—2.9.

\*

2.5

,

— 1 —

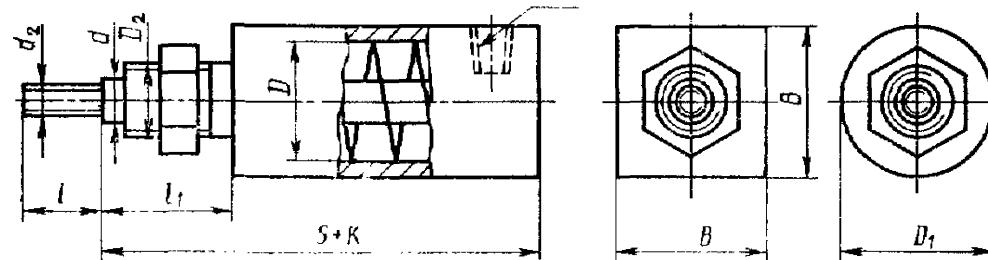


Черт. 3

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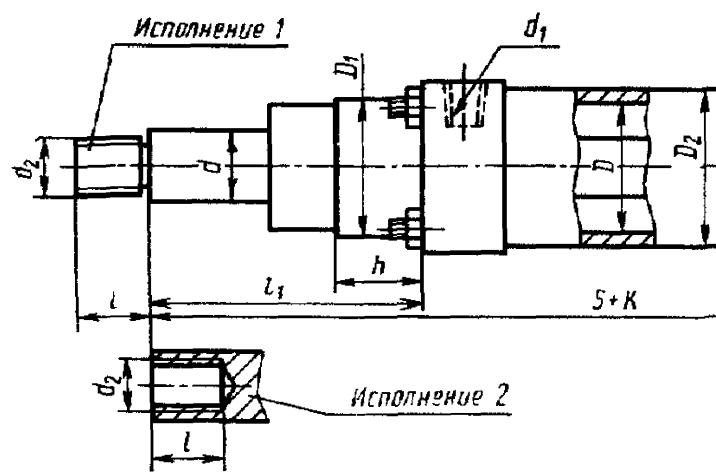
## Размеры, мм

<i>D</i>	<i>d</i>	S 6540				<i>di</i>		« <i>o</i> <sub>X</sub> Q»	<i>di</i>	<i>t</i> —2	<i>h</i> +1,0 -1,3	<i>K</i> *		
		S<100	S>100	6111	0»									
8	4	43	28	10—80	+1,5	—	IW—f1H	18	20	M12XU5—6g	M4-6g	12	16	6^
	4	67	50	10—100	+1,5	—		20	22	2 1.25—6g	M4-6g	12	16	6^
12	6	97	64	10—125	4-1,5	+2		24	26	16 1.5—6g	M6-6g	16	22	71
16	6	175	140	10—160	+1,5	+2		24	27	M16X1,5—6g	M6-6g	16	22	
20	280	230	10—200	+1,5	+2		34	40	M22X1*>—6g	M8-6g	20	24	91	
25	10	440	350	10—250	+1,5	+2	1/8 <sup>tcff</sup>	34	40	22 1 1—6g	M10X1,25-6g	22	28	10^



Черт. 4

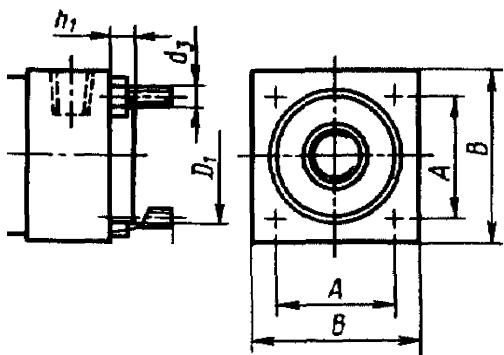
<i>D</i>	<i>d</i>	-	-	<i>s</i> +1,5	<i>d</i> 1 6111	-	<i>D<sub>lt</sub></i>	<i>D<sub>z</sub></i>	<i>d<sub>%</sub></i>	<i>l</i> -2	+1,0 "1,5	-
8	4	33	112, 20, 25			18	20	Mil2X1,25-6g	M4-6&	12	16	64
10	4	55	112, 20, 25			20	22	Mil2X1,25-6g	M4-6g	12	16	64
12	6	65	112, 20, 25			24	26	Mil 6X1,5-eg	M6-6g	16	22	75
16	6	130	112, 20, 25			24	27	Mil 6X1,5-6g	M6n6g	16	22	82
20	8	216	12, 20, 25, 50			34	40	M22X1,5-6g	M8-6g	20	24	95
25	10	345	12, 20, 25, 50			34	40	M22X1,5-6g	M1 OX 1,25-6g	22	28	104



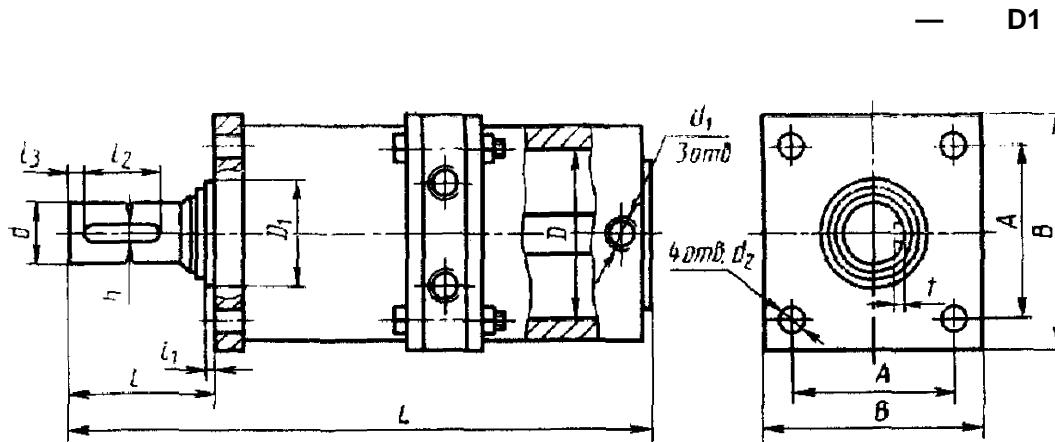
Черт. 5

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D	d	V 2 S3 8	>% 6-	S		Dt		j <sup>1</sup> S <sup>&gt;</sup> £ cu £		<*11		d <sub>t</sub>				i		h		/*		»	
				CJ	h8	1	9	1	2	1	2	d <sub>t</sub>	SS §	V v v	rf	1	2	*	«	1	X	1	»
32	16	700	470	320, 400, 500	+2	38	38	±0,1	1/4"	12 ?1,25—6g		34	±0,22	45	24	65	16	25	4	161			
				630	+3,2																		
40	18		880	400, 500	+2	38	48	±0,15	1/4" IO If X	1/4"		42	±0,28	55	24	65	18	25	4	165			
				630, 800	+3,2																		
25		1700	1310	500	+2	54	58	±0,15	1/4"	20 1,5—6g	—	8		40	—	105	22	30	4	213			
50		1700	1020	630, 800, 1000	+3,2				1/4"	—	M24X2— —6H	8	52	±0,4	70	—	32	120	22	30	4	228	
63	45	2750	1380	630, 800 1000, 1250	+4	68	72	+0,3 -0,1	3/8"	24 2— ftp	M36X2— —6H	8	60	±0,4	78	48	137	22	40	5	255		
80	45	4450	3120	800, 1000, 1250, 1600	+4	68	90	+0,3 -0,1	3/8" X 00 S			8	75	±0,4	95	48	137	27	40	5	257		



Черт. 6

to 00 rf\* to

<sup>8</sup>a S 03<sub>8</sub> 8 , - ,

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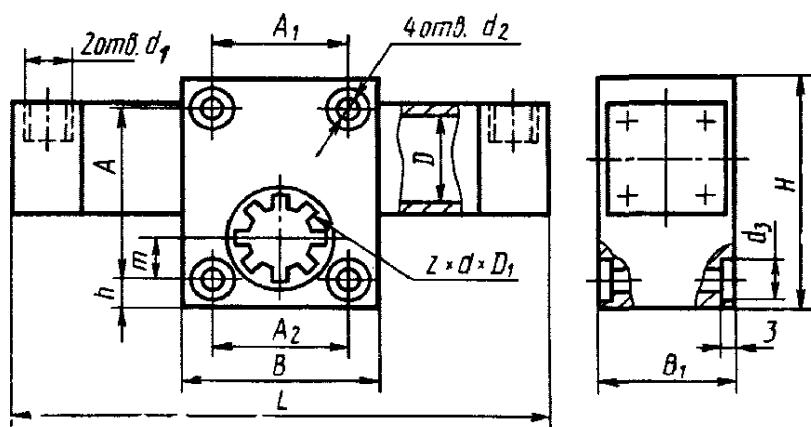
" 2 2 rib \* to S to 8 to 8 to 8  
CTV

x 8 rib 8 ST?<sub>oo</sub>

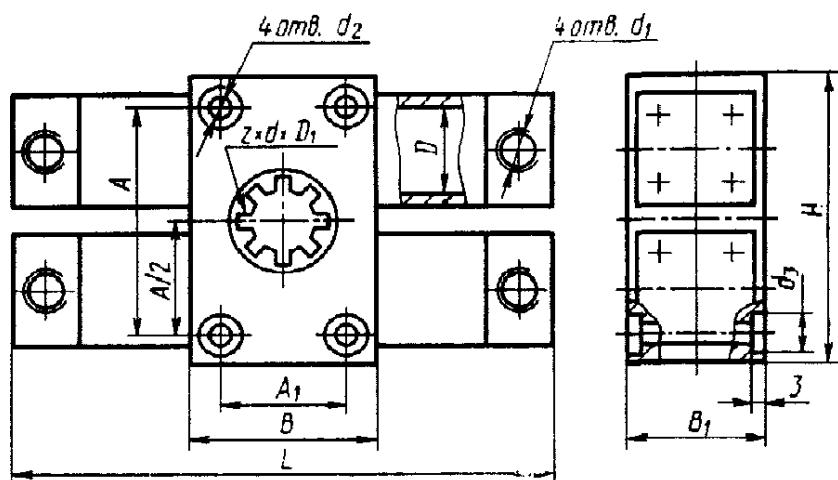
6  
CD a x 03 to to 03 5\*  
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		4	3	/i,		
	8			8	to	
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		rib	35		f	

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Черт. 7



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					D			%		Bi		L
						+ 2						
1	10	180°	7	40	70	50	50	66	56	280		
2	20	180°	8	40	115	50	»	66	65	180	280	
3	32	180°	7	50	90	50	62	83	66	126	355	
4	63	180°	8	50	130	50	—	80	80	193	355	
5	80	180°	7	63	120	70	85	124	80	161	485	
6	80	270°	7	63	120	70	85	124	80	161	548	
7	160	180°	8	63	162	70	—	124	90	224	485	
8	160	270°	8	63	162	70	—	124	90	224	548	
9	250	180°	7	100	150	95	115	145	120	200	605	
10	250	270°	7	100	150	95	115	145	120	200	683	
11	400	180°	8	100	206	95	—	145	128	270	605	
12	400	270°	8	100	206	95	—	145	128	270	683	

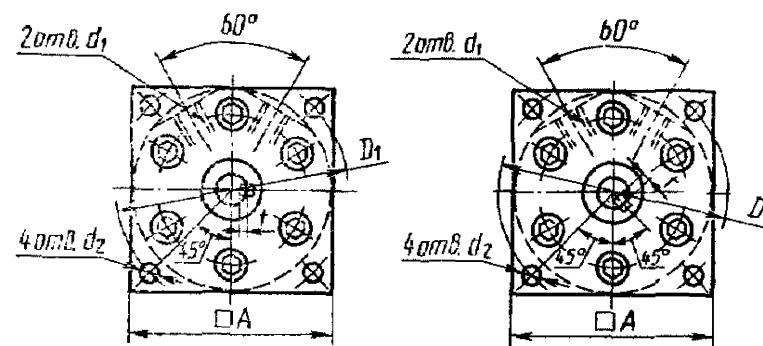
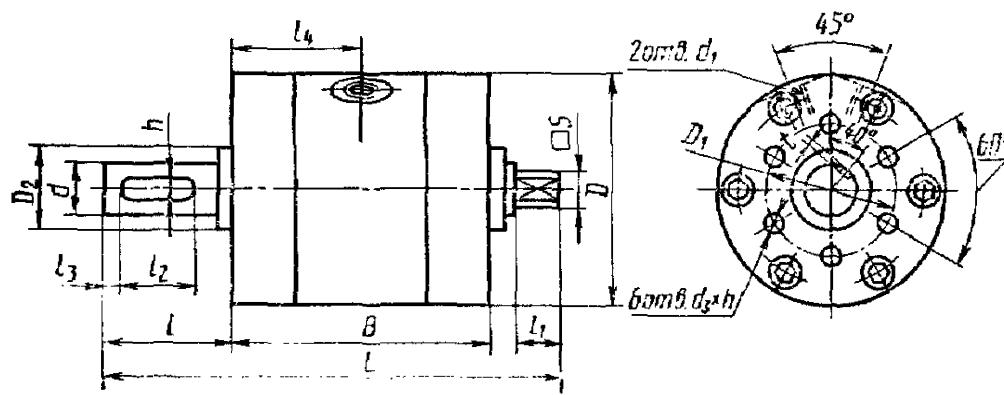
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<i>zXdXOi</i>		4	<i>d<sub>t</sub></i>		<i>h</i>
6X16X20	12 1.5—6	7	<b>10</b>	15	10
6X16X20	12 1.5—6	7	10	—	—
6X26X32	12 1.5—6H	<b>9</b>	13	25	10
6X26X32	M12X1.5—6	<b>9</b>	13	—	—
8X42X48	12 5—6	<b>9</b>	16	<b>40</b>	10
8X42X48	12 1.5—6	<b>9</b>	16	<b>40</b>	10
8X42X48	12 1.5—6	<b>9</b>	16	—	—
8X42X48	12 1.5—	<b>9</b>	16	—	—
8X62X72	16 1.5—6	11	20	<b>49</b>	15
8X62X72	M16X1.8—6	11	20	<b>49</b>	15
8X62X72	16 1.5—6	11	20	—	—
8X62X72	16 1.5—6		20		

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				D	d!	d	dt 6111	dt	d,Xft	1	h	1		$h_{+2}$	L	h N9	t +0,1	$S_2$		
													+2.0							
1	1,5	90°	50	65	49	58	16	8	1/8"	4,8—7					33	100	3	1,8		
2	5	180°	50	65	49	58	16	8	1/8"	4,8—7					33	100	3	1,8		
3	5,1	280°	—	86	75	45	25	12	1/8"	—	6—6	9	40	13	20	5	43	145	4	2,5
<b>4</b>	10,2	100°	—	86	75	45	25	12	1/8"	—	—6	9	40	13	20	5	43	145	4	2,5
5	16	280°	—	103	70	30	17	17	1/4"	—	8—6	13	54	16	36	5	52	180	5	3
6	35	100°	—	105	110	70	30	17	1/4"	—	8—6	13	54	16	36	5	52	180	5	3
7	32	280°	—	125	140	80	45	25	3/8"	—	1*0—6	13	65	22	40	5	63	220	8	4
8	70	100°	—	125	140	80	45	25	3/8"	—	!0—6	18	65	22	40	5	63	220	8	4
9	110	280°	—	171	200	120	70	40	1/2"	—	12—6	18	70	35	40	10	86	285	12	5
10	220	100°	171	200	120	70	40	1/2"	MJ2—6	18	70	35	40	10	86	<b>285</b>	12	5	<b>32</b>	

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15608—81'	<b>2.3</b>
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19862—87	
6099	.1

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