ПНЕВМАТИЧЕСКИЕ ПРИВОДЫ

СЕРИИ HP

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

ДИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ДВУСТОРОННЕГО ДЕЙСТВИЯ, НМ										
Model	AIR SUPPLY									
	2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar
HP 35	3.8	4.5	5.3	6	6.8	7.5	8.3	9	10.5	12
HP 50	8.3	10	11.7	13.3	15	16.6	18.3	20	23.3	26.6
HP 63	15	17.9	20.9	23.9	26.9	29.9	32.9	35.9	41.9	47
HP 66	20.9	25.1	29.3	33.5	37.7	41.9	46.1	50.3	58.6	67
HP 75	28.7	34.5	40.2	45.9	51.7	57.4	63.2	68.9	80.4	92
HP 88	46.1	55.3	64.5	73.7	83	92.2	101.4	110.6	129	147
HP 100	68.2	81.9	95.5	109.2	122.8	136.5	150.1	163.8	191.1	214
HP 115	107.5	129	150.5	172	193.5	215	236.5	258	301	344
HP 125	138.5	166.2	194	221.7	249.4	277.1	304.8	332.5	387.9	443.3
HP 145	217.5	261	304.5	348	391.5	435	478.5	522	609	696
HP 160	283.7	340.5	397.2	454	510.7	567.4	624.2	680.9	794.4	908

ДИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ДВУСТОРОННЕГО ДЕЙСТВИЯ, НМ

Model	AIR SUPPLY									
	2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar
HP 180	382.8	459.4	536	612.5	689.1	765.7	842.2	918.8	1071.9	1225
HP 200	531.7	638	744.4	850.7	957.1	1063.4	1169.8	1276.1	1488.8	1701 .5
HP 210	586.9	704.3	821.6	939	1056.4	1173.8	1291.2	1408.5	1643.3	1878 .1

ИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ОДНОСТОРОННЕГО ДЕЙСТВИЯ, НМ

AIR SUPPLY		2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	Spring
Actuator Spring		0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	90 0
Model	Set	Start End	Start End	Start End	Start End	Start End	Start End	Start End	Start End	Start End	Start End	Start End
HP 50S	S 05	4.9 3.4	6.6 5.1	8.3 6.8	9.9 8.4	11.6 10.1	13.2 11.7	14.9 13.4				4.9 3.4
	S 06	4.3 2.5	6 4.2	7.7 5.9	9.3 7.5	11 9.2	12.6 10.8	14.3 12.5	16 14.2			5.8 4
	S 07	3.6 1.5	5.3 3.2	7 4.9	8.6 6.5	10.3 8.2	11.9 9.8	13.6 11.5	15.3 13.2	18.6 16.5		6.8 4.7
	S 08		4.6 2.2	6.3 3.9	7.9 5.5	9.6 7.2	11.2 8.8	12.9 10.5	14.6 12.2	17.9 15.5		7.8 5.4
	S 09			5.6 2.9	7.2 4.5	8.9 6.2	10.5 7.8	12.2 9.5	13.9 11.2	17.2 14.5	20.5 17.8	8.8 6.1
	S 10				6.6 3.6	8.3 5.3	9.9 6.9	11.6 8.6	13.3 10.3	16.6 13.6	19.9 16.9	9.7 6.7
	S 11					7.6 4.3	9.2 5.9	10.9 7.6	12.6 9.3	15.9 12.6	19.2 15.9	10.7 7.4

ИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ОДНОСТОРОННЕГО ДЕЙСТВИЯ, НМ

AIR SUPPLY		2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	Spring
Actuator Spring		0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	90 0
	S 12							10.2 6.6	11.9 8.3	15.2 11.6	18.5 14.9	11.7 8.1
	D. A TORQUE	8.3	10	11.7	13.3	15	16.6	18.3	20	23.3	26.6	
HP 63S	S 05	9.5 6.6	12.4 9.5	15.4 12.5	18.4 15.5	21.4 18.5	24.4 21.5	27.4 24.5				8.4 5.5
	S 06	8.3 4.9	11.2 7.8	14.2 10.8	17.2 13.8	20.2 16.8	23.2 19.8	26.2 22.8	26.2 22.8			10.1 6.7
	S 07	7.2 3.2	10.1 6.1	13.1 9.1	16.1 12.1	19.1 15.1	22.1 18.1	25.1 21.1	28.1 24.1	34.1 30.1		11.8 7.8
	S 08		9 4.4	12 7.4	15 10.4	18 13.4	21 16.4	24 19.4	27 22.4	33 28.4		13.5 8.9
	S 09			10.9 5.7	13.9 8.7	16.9 11.7	19.9 14.7	22.9 17.7	25.9 20.7	31.9 26.7	37 31.8	15.2 10
	S 10				12.8 7	15.8 10	18.8 13	21.8 16	24.8 19	30.8 25	35.9 30.1	16.9 11.1
	S 11					14.7 8.3	17.7 11.3	20.7 14.3	23.7 17.3	29.7 23.3	34.8 28.4	18.6 12.2
	S 12							19.6 12.7	22.6 15.7	28.6 21.7	33.7 26.8	20.2 13.3
	D. A TORQUE	15	17.9	20.9	23.9	26.9	26.9	32.9	35.9	41.9	41.9	
HP 66S	S 05	13.3 8.9	17.5 13.1	21.7 17.3	25.9 21.5	30.1 25.7	34.3 29.9	38.5 34.1				12 7.6
	S 06	11.8 6.5	16 10.7	20.2 14.9	24.4 19.1	28.6 23.3	32.8 27.5	37 31.7	41.2 35.9			14.4 9.1
	S 07		14.5 8.3	18.7 12.5	18.7 12.5	27.1 20.9	31.3 25.1	35.5 29.3	39.7 33.5	48 41.8		16.8 10.6
	S 08		13 5.9	17.2 10.1	21.4 14.3	25.6 18.5	25.6 18.5	34 26.9	38.2 31.1	46.5 39.4		19.2 12.1
	S 09			15.6 7.7	19.8 11.9	24 16.1	28.2 20.3	32.4 24.5	36.6 28.7	44.9 37	53.3 45.4	21.6 13.7
	S 10				18.3 9.5	22.5 13.7	26.7 17.9	30.9 22.1	35.1 26.3	43.4 34.6	51.8 43	24 15.2
	S 11					21 11.3	25.2 15.5	29.4 19.7	33.6 23.9	41.9 32.2	50.3 40.6	26.4 16.7
	S 12							27.9 17.3	32.1 21.5	40.4 29.8	48.8 38.2	28.8 18.2

ИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ОДНОСТОРОННЕГО ДЕЙСТВИЯ, НМ

AIR SUPPLY		2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	Spring
Actuator Spring		0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	90 0
	D. A TORQUE	20.9	25.1	29.3	33.5	37.7	41.9	46.1	50.3	58.6	67	
HP 75S	S 05	17.6 11.4	23.4 17.2	29.1 22.9	34.8 28.6	40.6 34.4	46.3 40.1	52.1 45.9				17.3 11.1
	S 06	15.4 7.9	21.2 13.7	26.9 19.4	32.6 25.1	38.4 30.9	44.1 36.6	49.9 42.4	55.6 48.1			20.8 13.3
	S 07	13.2 4.5	19 10.3	24.7 16	30.4 21.7	36.2 27.5	41.9 33.2	47.7 39	53.4 44.7	64.9 56.2		24.2 15.5
	S 08		16.8 6.8	22.5 12.5	28.2 18.2	34 24	39.7 29.7	45.5 35.5	51.2 41.2	62.7 52.7		27.7 17.7
	S 09			20.3 9	26 14.7	31.8 20.5	37.5 26.2	43.3 32	49 37.7	60.5 49.2	72.1 60.8	31/2 19.9
	S 10				23.8 11.3	29.6 17.1	35.3 22.8	41.1 28.6	46.8 34.3	58.3 45.8	69.9 57.4	34.6 22.1
	S 11					27.4 13.6	33.1 19.3	38.9 25.1	44.6 30.8	44.6 30.8	67.7 53.9	38.1 24.3
	S 12							36.7 21.7	42.4 27.4	53.9 38.9	65.5 50.5	41.5 26.5
	D. A TORQUE	28.7	34.5	40.2	45.9	51.7	57.4	63.2	68.9	80.4	92	
HP 88S	S 05	27.8 17.2	37 26.4	46.2 35.6	55.4 44.8	64.7 54.1	73.9 63.3	83.1 72.5				28.9 18.3
	S 06	24.1 11.4	33.3 20.6	42.5 29.8	51.7 39	61 48.3	70.2 57.5	79.4 66.7	88.6 75.9			34.7 22
	S 07	20.4 5.7	29.6 14.9	38.8 24.1	48 33.3	57.3 42.6	66.5 51.8	75.7 61	84.9 70.2	103.3 88.6		40.4 25.7
	S 08		26 9.1	35.2 18.3	44.4 27.5	53.7 36.8	62.9 46	72.1 55.2	81.3 64.4	99.7 82.8		46.2 29.3
	S 09			31.5 12.5	40.7 21.7	50 31	59.2 40.2	68.4 49.4	77.6 58.6	96 77	114 95	52 33
	S 10				37 15.9	46.3 25.2	55.5 34.4	64.7 43.6	73.9 52.8	92.3 71.2	110.3 89.2	57.8 36.7
	S 11					42.7 19.5	51.9 28.7	61.1 37.9	70.3 47.1	88.7 65.5	106.7 83.5	63.5 40.3
	S 12							57.4 32.1	66.6 41.3	85 59.7	103 77.7	69.3 44
	D. A TORQUE	46.1	55.3	64.5	73.7	83	92.2	101.4	110.6	129	147	

ИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ОДНОСТОРОННЕГО ДЕЙСТВИЯ, НМ

AIR SUPPLY		2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	Spring
Actuator Spring		0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	90 0
HP 100S	S 05	42.9 28.8	56.6 42.5	70.2 56.1	83.9 69.8	97.5 83.4	111.2 97.1	124.8 110.7				39.4 25.3
	S 06	37 8 20.9	51.5 346	65.1 48.2	78.8 61.9	92.4 75.5	106.1 89.2	119.7 102.8	133.4 116.5			47.3 30.4
	S 07	32.7 13.1	46.4 26.8	60 40.4	73.7 54.1	87.3 67.7	101 81.4	114.6 95	128.3 108.7	155.6 136		55.1 35.5
	S 08		41.4 18.9	55 32.5	68.7 46.2	82.3 59.8	96 73.5	109.6 87.1	123.3 100.8	150.6 128.1		63 40.5
	S 09			49.9 24.6	63.6 38.3	77.2 51.9	90.9 65.6	104.5 79.2	118.2 92.9	145.5 120.2	168.4 143.1	70.9 45.6
	S 10				58.5 30.4	72.1 44	85.8 57.7	99.4 71.3	113.1 85	140.4 112.3	163.3 135.2	78.8 50.7
	S 11					67.1 36.1	80.8 49.8	94.4 63.4	108.1 77.1	135.4 104.4	158.3 127.3	86.7 55.7
	S 12							89.3 55.6	103 69.3	130.3 96.6	153.2 119.5	94.5 60.8
	D. A TORQUE	68.2	81.9	95.5	109.2	122.8	136.5	150.1	163.8	191.1	214	
HP 115S	S 05	66.5 42	88 63.5	109.5 85	131 106.5	152.5 128	174 149.5	195.5 171				65.5 41
	S 06	58.3 28.9	79.8 50.4	101.3 71.9	122.8 93.4	144.3 114.9	165.8 136.4	187.3 157.9	208.8 179.4			78.6 49.2
	S 07	50.1 15.8	71.6 37.3	93.1 58.8	114.6 80.3	136.1 101.8	157.6 123.3	179.1 144.8	200.6 166.3	243.6 209.3		91.7 57.4
	S 08		63.4 24	84.9 45.5	106.4 67	127.9 88.5	149.4 110	170.9 131.5	192.4 153	235.4 196		105 65.6
	S 09			76.7 32.5	98.2 54	119.7 75.5	141.2 97	162.7 118.5	184.2 140	227.2 183	270.2 226	118 73.8
	S 10				90 41	111.5 62.5	133 84	154.5 105.5	176 127	219 170	262 213	131 82
	S 11					103.3 49.5	124.8 71	146.3 92.5	167.8 114	210.8 157	253.8 200	144 90.2
	S 12							138.1 79.5	159.6 101	202.6 144	245.6 187	157 98.4
	D. A TORQUE	107.5	129	150.5	172	193.5	215	236.5	258	301	344	

ДИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ОДНОСТОРОННЕГО ДЕЙСТВИЯ, НМ

AIR SUPPLY		2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	Spring
Actuator Spring		**0 90**	**0 90**	**0 90**	**0 90**	**0 90**	**0 90**	**0 90**	**0 90**	**0 90**	**0 90**	**90 0**
Model	Set	Start End	Start End	Start End	Start End	Start End	Start End	Start End	Start End	Start End	Start End	Start End
HP 125S	S 05	86 56.5	113.7 84.2	141.5 112	169.2 139.7	196.9 167.4	224.6 195.1	252.3 222.8				82 52.5
	S 06	75.5 39.5	103.2 67.2	131 95	158.7 122.7	186.4 150.4	214.1 178.1	241.8 205.8	269.5 233.5			99 63
	S 07	65 23.5	92.7 51.2	120.5 79	148.2 106.7	175.9 134.4	203.6 162.1	231.3 189.8	259 217.5	314.4 272.9		115 73.5
	S 08		82.2 34.2	110 62	137.7 89.7	165.4 117.4	193.1 145.1	220.8 172.8	248.5 200.5	303.9 255.9		132 84
	S 09			99.5 46	127.2 73.7	154.9 101.4	182.6 129.1	210.3 156.8	238 184.5	293.4 239.9	348.8 295.3	148 94.5
	S 10				116.7 56.7	144.4 84.4	172.1 112.1	199.8 139.8	227.5 167.5	282.9 222.9	338.3 278.3	165 105
	S 11					133.4 68.4	161.1 96.1	188.8 123.8	216.5 151.5	271.9 206.9	327.3 262.3	181 116
	S 12							178.8 106.8	206.5 134.5	261.9 189.9	317.3 245.3	198 126
	D. A TORQUE	138.5	166.2	194	221.7	249.4	277.1	304.8	332.5	387.9	443.3	
HP 145S	S 05	135.5 88.5	135.5 88.5	222.5 175.5	266 219	309.5 262.5	353 306	396.5 349.5				129 82
	S 06	118.5 62.5	118.5 62.5	205.5 149.5	249 193	292.5 236.5	336 280	379.5 323.5	423 367			155 99
	S 07	102.5 37.5	102.5 37.5	102.5 37.5	233 168	276.5 211.5	320 255	363.5 298.5	407 342	494 429		180 115
	S 08		85.5 11.5	172.5 98.5	216 142	259.5 185.5	303 229	346.5 272.5	390 316	477 403		206 132
	S 09			156.5 72.5	200 116	243.5 159.5	287 203	330.5 246.5	374 290	461 377	548 464	232 148
	S 10				183 90	226.5 133.5	270 177	313.5 220.5	357 264	444 351	531 438	258 165

ДИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ОДНОСТОРОННЕГО ДЕЙСТВИЯ, НМ

AIR SUPPLY		2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	Spring
Actuator Spring		0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	90 0
	S 11					210.5 108.5	254 152	297.5 195.5	341 239	428 326	515 413	283 181
	S 12							280.5 169.5	324 213	411 300	498 387	309 198
	D. A TORQUE	217.5	261	304.5	348	391.5	435	478.5	522	609	696	
HP 160S	S 05	171.7 117.7	228.5 174.5	285.2 231.2	342 288	398.7 344.7	455.4 401.4	512.2 458.2				166 112
	S 06	148.7 84.7	205.5 141.5	262.2 198.2	319 255	375.7 311.7	432.4 368.4	489.2 425.2	545.9 481.9			199 135
	S 07	126.7 50.7	183.5 107.5	240.2 164.2	297 221	353.7 277.7	410.4 334.4	467.2 391.2	523.9 447.9	637.4 561.4		233 157
	S 08		160.5 74.5	217.2 131.2	274 188	330.7 244.7	387.4 301.4	444.2 358.2	500.9 414.9	614.4 528.4		266 180
	S 09			195.2 98.2	252 155	308.7 211.7	365.4 268.4	422.2 325.2	478.9 381.9	592.4 495.4	706 609	299 202
	S 10				230 122	286.7 178.7	343.4 235.4	400.2 292.2	456.9 348.9	570.4 462.4	684 576	332 224
	S 11					263.7 145.7	320.4 202.4	377.2 259.2	433.9 315.9	547.4 429.4	661 543	365 247
	S 12							355.2 225.2	411.9 281.9	525.4 395.4	639 509	399 269
	D. A TORQUE	283.7	340.5	397.2	454	510.7	567.4	624.2	680.9	794.4	908	
HP 180S	S 05	224.8 145.8	301.4 222.4	378 299	454.5 375.5	531.1 452.1	607.7 528.7	684.2 605.2				237 158
	S 06	192.8 98.8	269.4 175.4	346 252	422.5 328.5	499.1 405.1	575.7 481.7	652.2 558.2	728.8 634.8			284 190
	S 07	161.8 50.8	238.4 127.4	315 204	391.5 280.5	468.1 357.1	544.7 433.7	621.2 510.2	697.8 586.8	850.9 739.9		332 221

ДИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ОДНОСТОРОННЕГО ДЕЙСТВИЯ, НМ

AIR SUPPLY		2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	Spring
Actuator Spring		0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	90 0
	S 08		206.4 80.4	283 157	359.5 233.5	436.1 310.1	512.7 386.7	589.2 463.2	665.8 539.8	818.9 692.9		379 253
	S 09			251 110	327.5 186.5	404.1 263.1	480.7 339.7	557.2 416.2	633.8 492.8	786.9 645.9	940 799	426 285
	S 10				296.5 138.5	373.1 215.1	449.7 291.7	526.2 368.2	602.8 444.8	755.9 597.9	909 751	474 316
	S 11					341.1 168.1	417.7 244.7	494.2 321.2	570.8 397.8	723.9 550.9	877 704	521 348
	S 12							463.2 274.2	539.8 350.8	692.9 503.9	846 657	568 379
	D. A TORQUE	382.8	459.4	536	612.5	689.1	765.7	842.2	918.8	1071.	1225	
HP 200S	S 05	318.7 216.7	425 323	531.4 429.4	637.7 535.7	744.1 642.1	850.4 748.4	956.8 854.8				315 213
	S 06	276.7 153.7	383 260	489.4 366.4	595.7 472.7	702.1 579.1	808.4 685.4	914.8 791.8	1021 898.1			378 255
	S 07	233.7 90.7	340 197	446.4 303.4	552.7 409.7	659.1 516.1	765.4 622.4	871.8 728.8	978.1 835.1	1191 1048		441 298
	S 08		298 134	404.4 240.4	510.7 346.7	617.1 453.1	723.4 559.4	829.8 665.8	829.8 665.8	1149 984.8		504 340
	S 09			361.4 177.4	467.7 283.7	574.1 390.1	680.4 496.4	786.8 602.8	893.1 709.1	1106 921.8	1319 1135	567 383
	S 10				425.7 220.7	532.1 327.1	638.4 433.4	744.8 539.8	851.1 646.1	1064 858.8	1277 1072	630 425
	S 11					489.1 264.1	595.4 370.4	701.8 476.8	808.1 583.1	1021 795.8	1234 1009	693 468
	D. A TORQUE	531.7	638	744.4	850.7	957.1	1063.4	1169.8	1276.1	1488.8	1701.5	
HP 210S	S 04	430 312.6	547.4 430	664.7 547.3	782.1 664.7							274.3 156.9

ДИАПАЗОН УСИЛИЙ ДЛЯ ПРИВОДОВ ОДНОСТОРОННЕГО ДЕЙСТВИЯ, НМ

AIR SUPPLY		2.5Bar	3Bar	3.5Bar	4Bar	4.5Bar	5Bar	5.5Bar	6Bar	7Bar	8Bar	Spring
Actuator Spring		0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	0 90	90 0
	S 05	390.8 244.1	508.2 361.5	625.5 478.8	742.9 596.2	860.3 713.6	977.7 831	1095 948.4				342.8 196.1
	S 06	351.6 175.5	469 292.9	586.3 410.2	703.7 527.6	821.1 645	938.5 762.4	1056 879.8	1173 997.1			411.4 235.3
	S 07		429.7 224.3	547 341.6	664.4 459	781.8 576.4	899.2 693.8	1017 811.2	1134 928.5	1369 1163		480 274.6
	S 08			507.8 273.1	625.2 390.5	742.6 507.9	860 625.3	977.4 742.7	1095 860	1330 1095		548.5 313.8
	S 09			468.6 204.5	586 321.9	703.4 439.3	820.8 556.7	938.2 674.1	1056 791.4	1290 1026	1525 1261	617.1 353
	S 10			429.4 135.9	546.8 253.3	664.2 370.7	781.6 488.1	899 605.5	1016 722.8	1251 957.6	1486 1192	685.7 392.2
	S 11					625 302.2	742.4 419.6	859.8 537	977.1 654.3	1212 889.1	1447 1124	754.2 431.4
	S 12					585.7 233.6	703.1 351	820.5 468.4	937.8 585.7	1173 820.5	1407 1055	822.8 470.7
	D. A TORQUE	586.9	704.3	821.6	939	1056.4	1173.8	1291.2	1408.5	1643.3	1878.1	