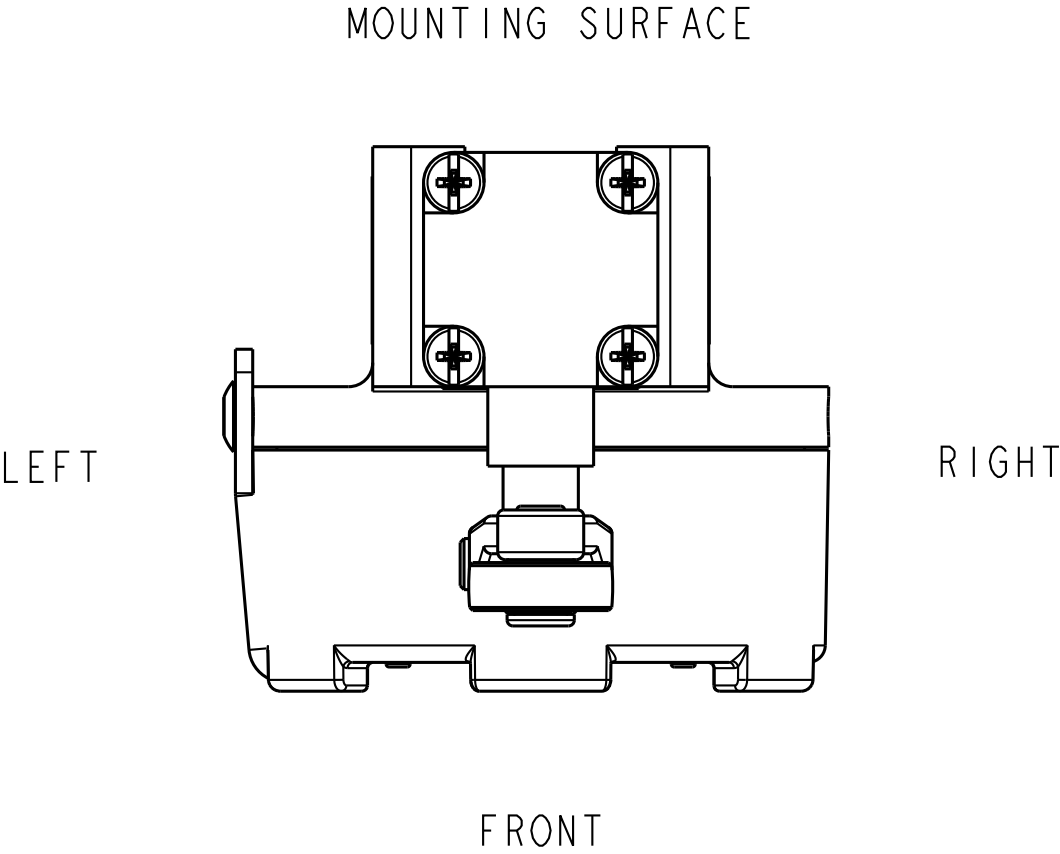
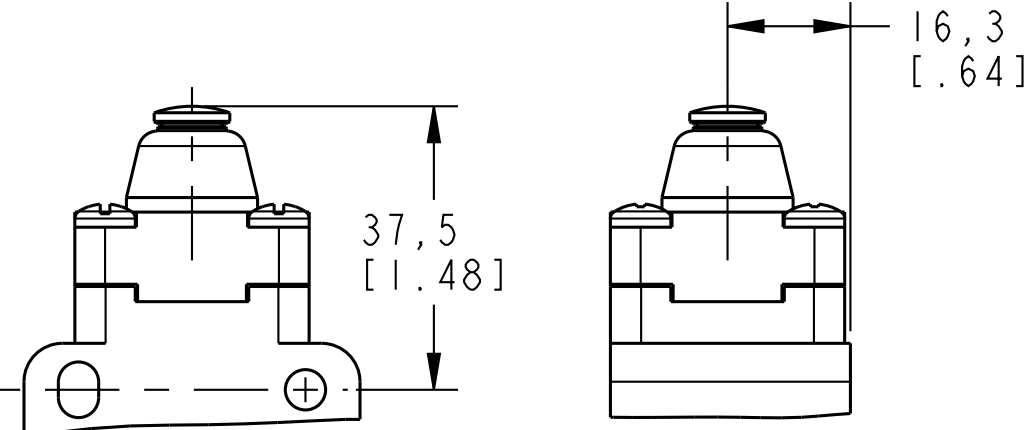


D

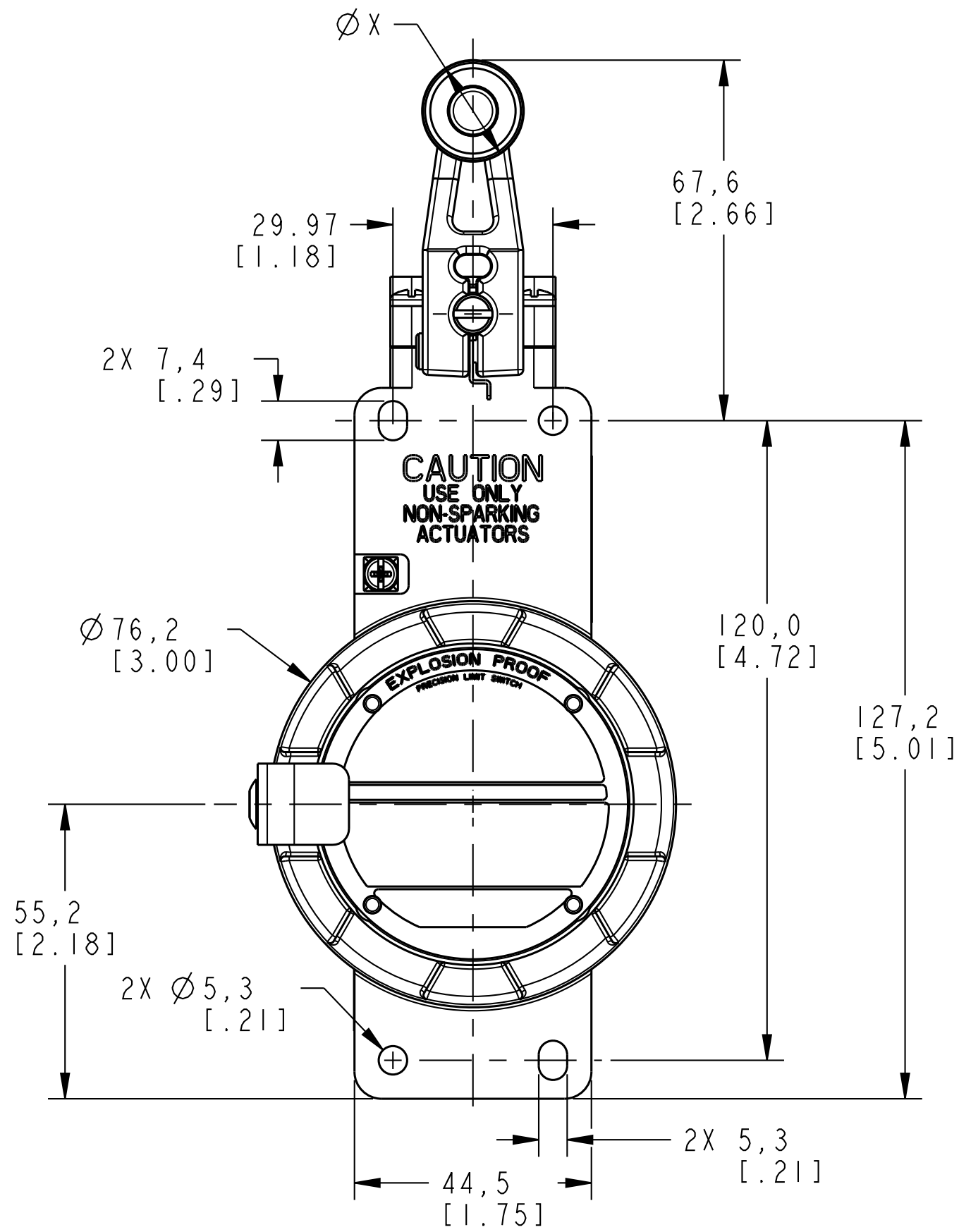


ACTUATOR CODE	LEVER	ROLLER MATL	"X" DIM Ø	"Y" DIM	("Z") DIM WIDTH
1A	GLZ51A	NYLON	19,0 [.75]	55,9 [2.20]	6,4 [.25]
1C	GLZ51C	NYLON	25,4 [1.00]	59,2 [2.33]	12,7 [.50]
1D		NYLON	38,1 [1.50]	55,9 [2.20]	6,4 [.25]
1E	GLZ51D	BRONZE	19,0 [.75]	55,9 [2.20]	6,4 [.25]
1W		RUBBER	38,1 [1.50]	59,2 [2.33]	12,7 [.50]
1Y	GLZ51Y	RUBBER	50,0 [1.97]	57,7 [2.27]	9,9 [.39]
3A	GLZ53A	NYLON	19,0 [.75]	55,9 [2.20]	6,4 [.25]
3C		NYLON	25,4 [1.00]	59,2 [2.33]	12,7 [.50]
3D		NYLON	38,1 [1.50]	55,9 [2.20]	6,4 [.25]
3E	GLZ53C	BRONZE	50,0 [1.97]	55,9 [2.20]	6,4 [.25]
3W		RUBBER	38,1 [1.50]	59,2 [2.33]	12,7 [.50]
3Y		RUBBER	50,0 [1.97]	57,7 [2.27]	9,9 [.39]
5A	GLZ55A	NYLON	50,0 [1.97]	55,9 [2.20]	6,4 [.25]
5C		NYLON	25,4 [1.00]	59,2 [2.33]	12,7 [.50]
5D		NYLON	38,1 [1.50]	55,9 [2.20]	6,4 [.25]
5E	GLZ55C	BRONZE	50,0 [1.97]	55,9 [2.20]	6,4 [.25]
5W		RUBBER	38,1 [1.50]	59,2 [2.33]	12,7 [.50]
5Y		RUBBER	50,0 [1.97]	57,7 [2.27]	9,9 [.39]

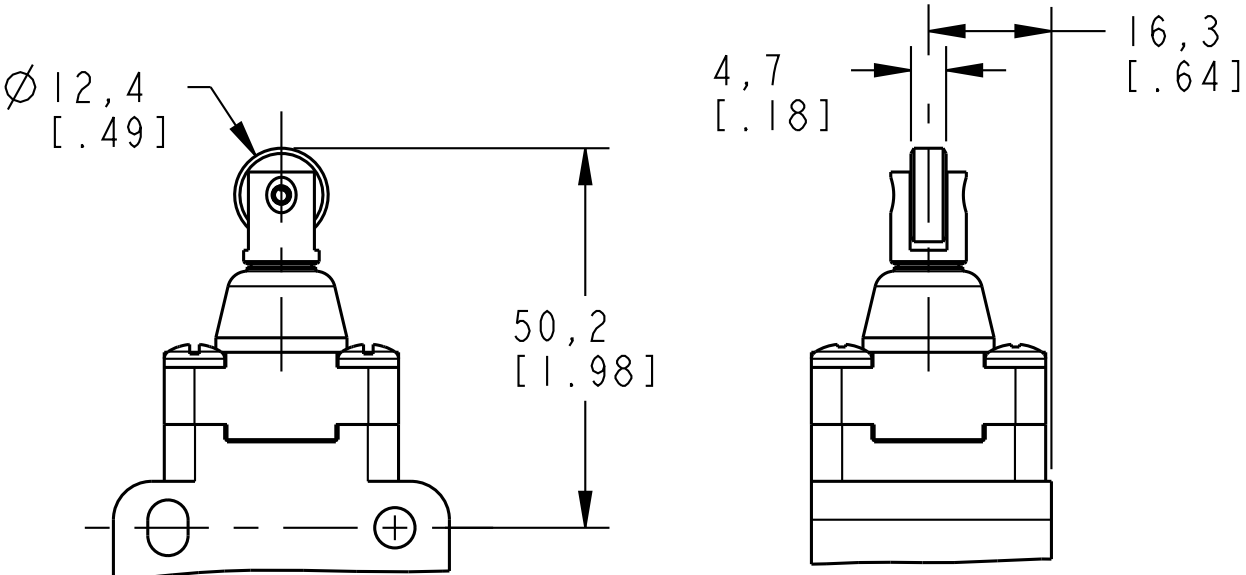
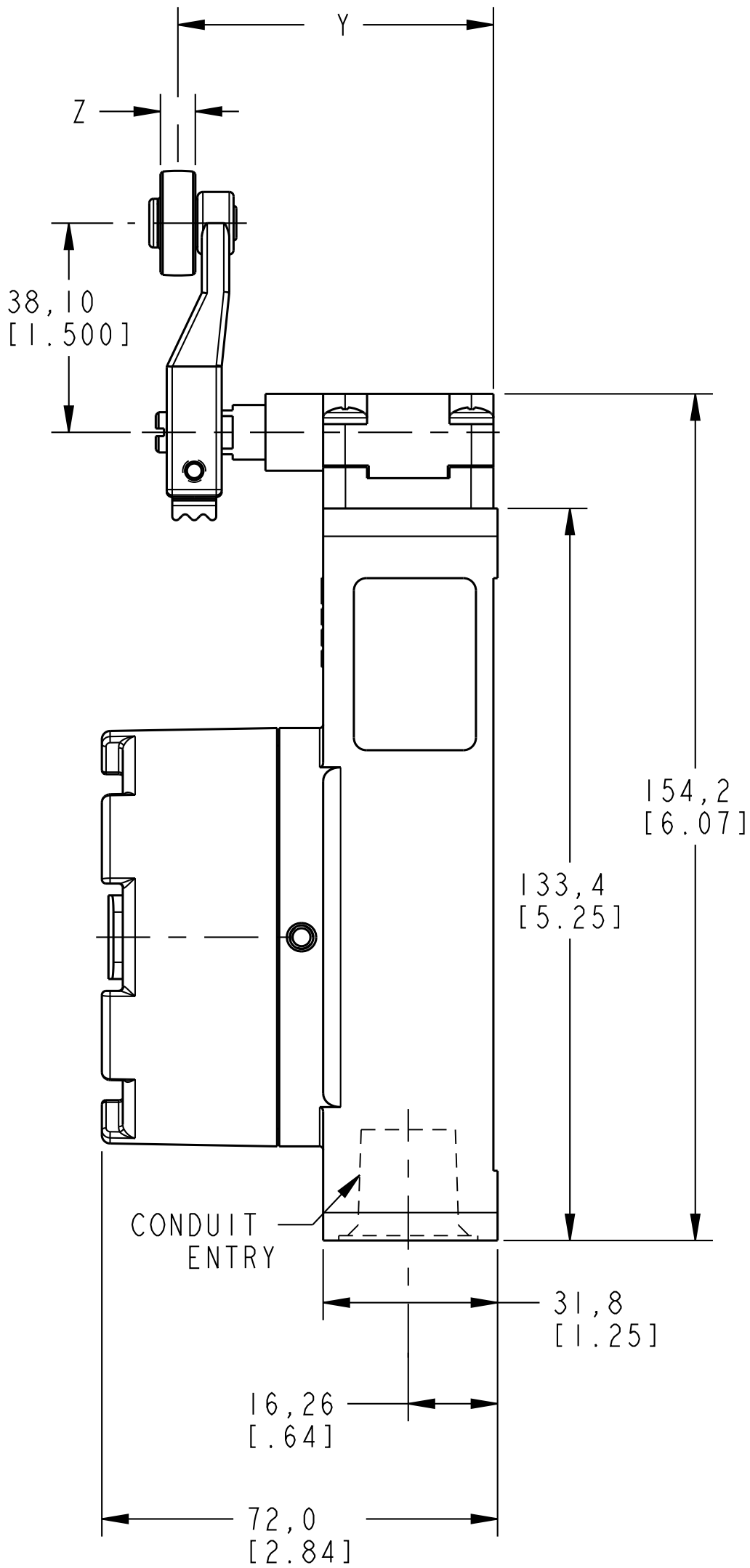


HEAD CODE B
TOP PIN PLUNGER HEAD

C

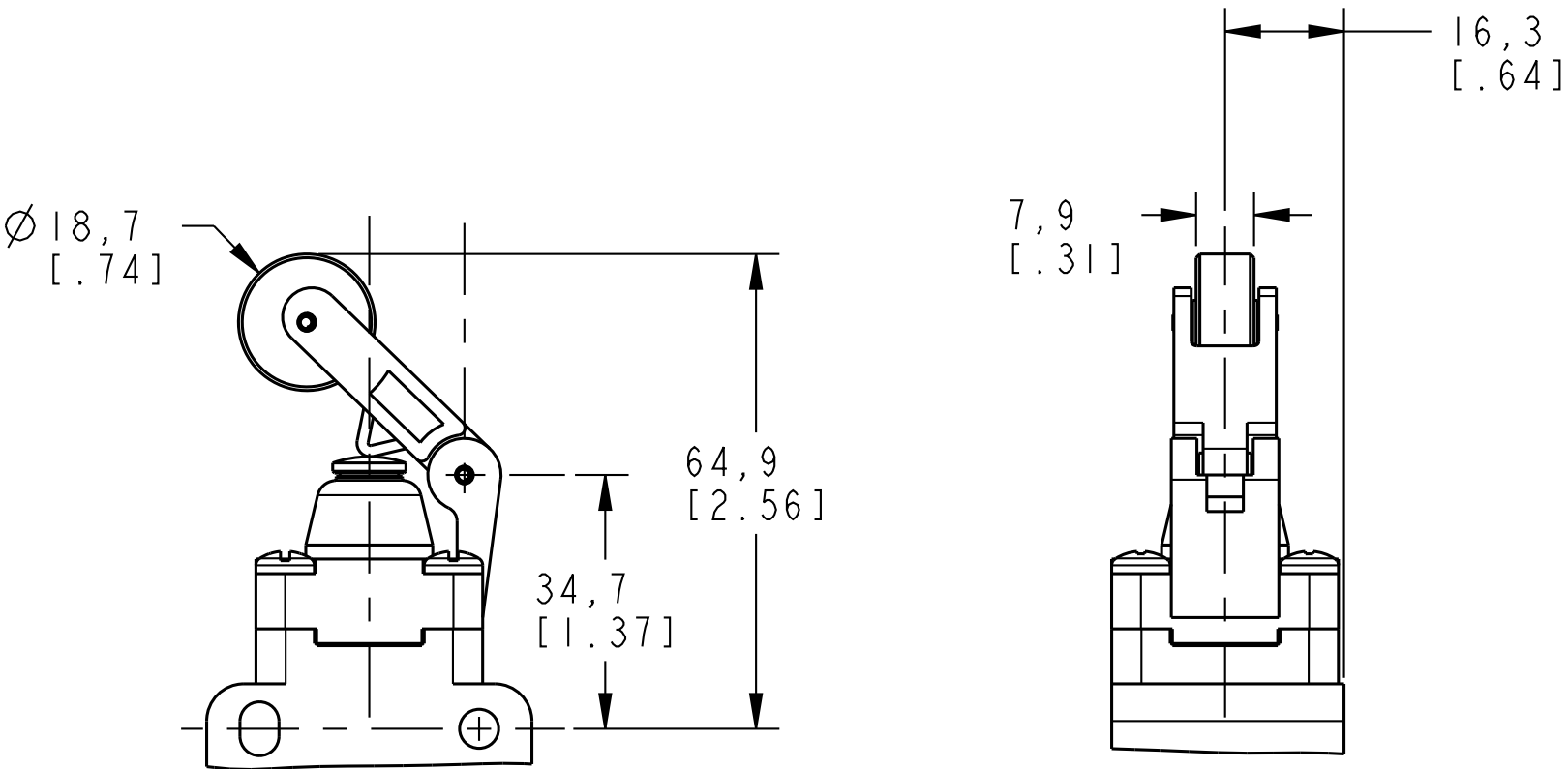


HEAD CODE A
SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER



HEAD CODE C
TOP ROLLER PLUNGER HEAD

B



HEAD CODE D
TOP ROLLER LEVER HEAD

A

FO-55113-C		8	7		6	5	4	3	2	1						
HEAD STYLE		CATALOG LISTING	FP FREE POSITION mm[in]	OP1 OPERATE POINT NC CONTACTS mm[in]	OP2 OPERATE POINT NO CONTACTS mm[in]	DT DIFFERENTIAL TRAVEL mm[in]	FOT FULL OVER TRAVEL	POSITIVE BREAK TO IEC 947-5-1 mm[in]	MAX OPERATE TORQUE/FORCE N·m[lb·in] / N[lb]	MAX DISCONNECT TORQUE/FORCE N·m[lb·in] / N[lb]	MAX OPERATE VELOCITY m/s [in/s]	MIN OPERATE VELOCITY m/s [in/s]	MAX OPERATE FREQUENCY OPS/MIN	CIRCUIT DIAGRAMS AND CHARACTERISTICS		
A		GSX*01A GSX*07A	0°	26°	26°	12°	85°	55°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250	BASIC SWITCH CODE	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED CONTACT OPEN CONTACT CLOSED, DIFFERENTIAL TRAVEL
		GSX*03A GSX*33A	0°	26°	38°	N/A	85°	26°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*04A GSX*34A	0°	38°	26°	N/A	85°	38°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*05A GSX*35A	0°	N/A°	38°	N/A	85°	N/A	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*06A GSX*36A	0°	26°	N/A	N/A	85°	26°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*20A GSX*22A	0°	26°	26°	12°	85°	55°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*40A GSX*41A	0°	26°	N/A	N/A	85°	26°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*42A GSX*43A	0°	26°	38°	N/A	85°	26°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*44A GSX*45A	0°	26°	38°	N/A	85°	26°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*46A GSX*47A	0°	26°	38°	N/A	85°	26°	0,3 [2.6]	0,4 [3.5]	1290 */SEC	13 */SEC	250			
		GSX*01A GSX*07A	0	20,0 [1.79]	20,0 [1.79]	12,0 [1.47]	N/A	56,0 [2.20]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
		GSX*03A GSX*33A	0	20,0 [1.79]	32,0 [1.26]	N/A	N/A	20,0 [1.79]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
A		GSX*04A GSX*34A	0	32,0 [1.26]	20,0 [1.79]	N/A	N/A	32,0 [1.26]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250	01 07		
		GSX*05A GSX*35A	0	N/A	32,0 [1.26]	N/A	N/A	N/A	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
		GSX*06A GSX*36A	0	20,0 [1.79]	N/A	N/A	N/A	20,0 [1.79]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
		GSX*20A GSX*22A	0	20,0 [1.79]	20,0 [1.79]	12,0 [1.47]	N/A	56,0 [2.20]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
		GSX*40A GSX*41A	0	20,0 [1.79]	N/A	N/A	N/A	20,0 [1.79]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
		GSX*42A GSX*43A	0	20,0 [1.79]	32,0 [1.26]	N/A	N/A	20,0 [1.79]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
		GSX*44A GSX*45A	0	20,0 [1.79]	32,0 [1.26]	N/A	N/A	20,0 [1.79]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
		GSX*46A GSX*47A	0	20,0 [1.79]	32,0 [1.26]	N/A	N/A	20,0 [1.79]	9,7 [2.2]	11,4 [2.6]	8,5 [334.6]	8,5 [1.33]	250			
		GSX*01B GSX*07B	37,5 [1.48]	35,0 [1.38]	35,0 [1.38]	0,9 [1.04]	30,5 [1.20]	33,0 [1.30]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*03B GSX*33B	37,5 [1.48]	35,0 [1.38]	34,0 [1.34]	N/A	30,5 [1.20]	35,0 [1.38]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*04B GSX*34B	37,5 [1.48]	34,0 [1.34]	35,0 [1.38]	N/A	30,5 [1.20]	34,0 [1.34]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*05B GSX*35B	37,5 [1.48]	N/A	34,0 [1.34]	N/A	30,5 [1.20]	N/A	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
B		GSX*06B GSX*36B	37,5 [1.48]	35,0 [1.38]	N/A	N/A	30,5 [1.20]	35,0 [1.38]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250	03 33		
		GSX*20B GSX*22B	37,5 [1.48]	35,0 [1.38]	35,0 [1.38]	0,9 [1.04]	30,5 [1.20]	33,0 [1.30]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*40B GSX*41B	37,5 [1.48]	35,0 [1.38]	N/A	N/A	30,5 [1.20]	35,0 [1.38]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*42B GSX*43B	37,5 [1.48]	35,0 [1.38]	34,0 [1.34]	N/A	30,5 [1.20]	35,0 [1.38]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*44B GSX*45B	37,5 [1.48]	35,0 [1.38]	34,0 [1.34]	N/A	30,5 [1.20]	35,0 [1.38]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*01C GSX*07C	50,5 [1.99]	48,0 [1.89]	48,0 [1.89]	0,9 [1.04]	43,5 [1.71]	46,0 [1.81]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*03C GSX*33C	50,5 [1.99]	48,0 [1.89]	47,0 [1.85]	N/A	43,5 [1.71]	48,0 [1.89]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*04C GSX*34C	50,5 [1.99]	47,0 [1.85]	48 MM	N/A	43,5 [1.71]	47,0 [1.85]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*05C GSX*35C	50,5 [1.99]	N/A	47,0 [1.85]	N/A	43,5 [1.71]	N/A	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*06C GSX*36C	50,5 [1.99]	48,0 [1.89]	N/A	N/A	43,5 [1.71]	48,0 [1.89]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*20C GSX*22C	50,5 [1.99]	48,0 [1.89]	48,0 [1.89]	0,9 [1.04]	43,5 [1.71]	46,0 [1.81]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*40C GSX*41C	50,5 [1.99]	48,0 [1.89]	N/A	N/A	43,5 [1.71]	48,0 [1.89]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
C		GSX*42C GSX*43C	50,5 [1.99]	48,0 [1.89]	47,0 [1.85]	N/A	43,5 [1.71]	48,0 [1.89]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250	20 22		
		GSX*44C GSX*45C	50,5 [1.99]	48,0 [1.89]	47,0 [1.85]	N/A	43,5 [1.71]	48,0 [1.89]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*46C GSX*47C	50,5 [1.99]	48,0 [1.89]	47,0 [1.85]	N/A	43,5 [1.71]	48,0 [1.89]	16,0 [3.6]	27,0 [6.0]	0,1 [3.9]	1,0 [1.04]	250			
		GSX*01C GSX*07C	0	15,0 [1.59]	15,0 [1.59]	1,8 [1.07]	N/A	18, 3 [1.72]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*03C GSX*33C	0	15,0 [1.59]	16,8 [1.66]	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*04C GSX*34C	0	16,8 [1.66]	15,0 [1.59]	N/A	N/A	16,8 [1.66]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*05C GSX*35C	0	N/A	16,8 [1.66]	N/A	N/A	N/A	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*06C GSX*36C	0	15,0 [1.59]	N/A	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*20C GSX*22C	0	15,0 [1.59]	15,0 [1.59]	1,8 [1.07]	N/A	18, 3 [1.72]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*40C GSX*41C	0	15,0 [1.59]	N/A	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*42C GSX*43C	0	15,0 [1.59]	16,8 [1.66]	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*44C GSX*45C	0	15,0 [1.59]	16,8 [1.66]	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
B		GSX*46C GSX*47C	0	15,0 [1.59]	16,8 [1.66]	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250	40 41		
		GSX*01C GSX*07C	0	15,0 [1.59]	15,0 [1.59]	1,8 [1.07]	N/A	18, 3 [1.72]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*03C GSX*33C	0	15,0 [1.59]	16,8 [1.66]	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*04C GSX*34C	0	16,8 [1.66]	15,0 [1.59]	N/A	N/A	16,8 [1.66]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*05C GSX*35C	0	N/A	16,8 [1.66]	N/A	N/A	N/A	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*06C GSX*36C	0	15,0 [1.59]	N/A	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*20C GSX*22C	0	15,0 [1.59]	15,0 [1.59]	1,8 [1.07]	N/A	18, 3 [1.72]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*40C GSX*41C	0	15,0 [1.59]	N/A	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			
		GSX*42C GSX*43C	0	15,0 [1.59]	16,8 [1.66]	N/A	N/A	15,0 [1.59]	9,3 [2.1]	15,6 [3.5]	0,2 [1.9]	2,0 [1.08]	250			