



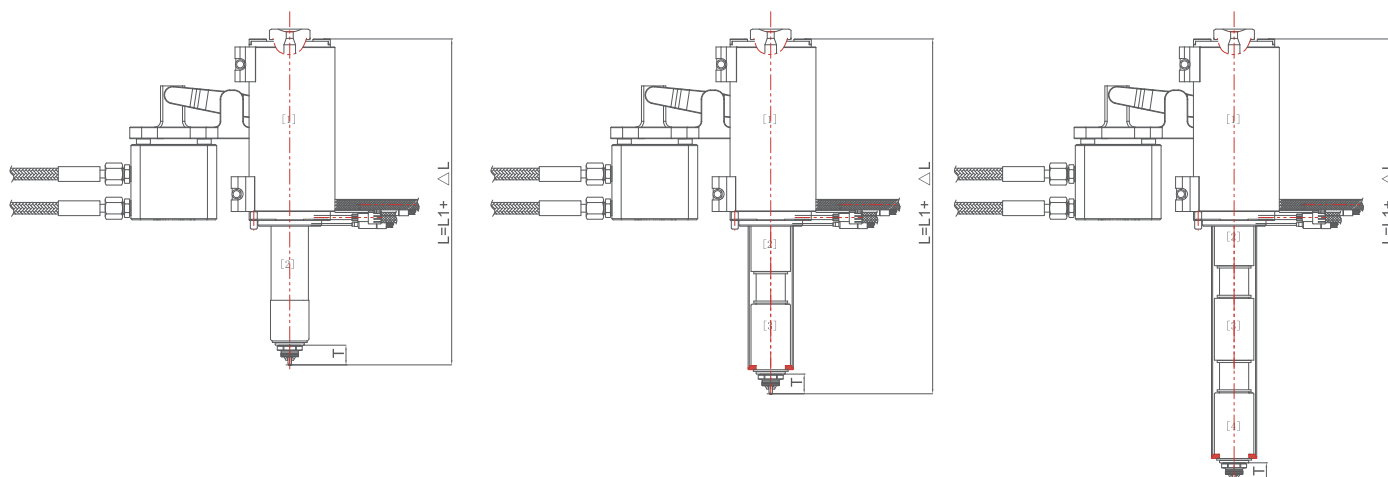
*Integrated Engineering Solution*



## TINA SINGLE VALVE Technical Data

# TINA SINGLE VALVE

## TSV 10 NOZZLE



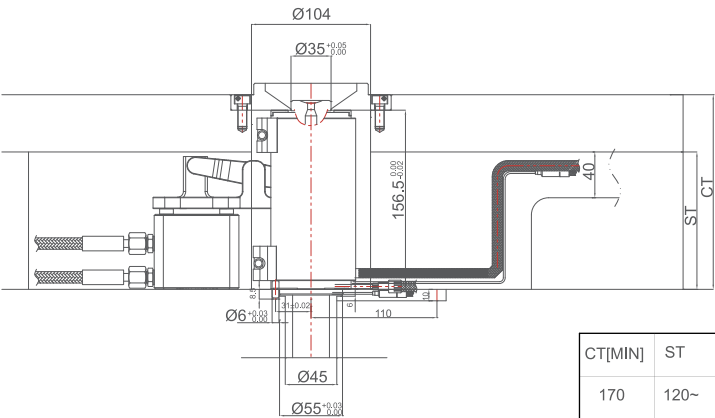
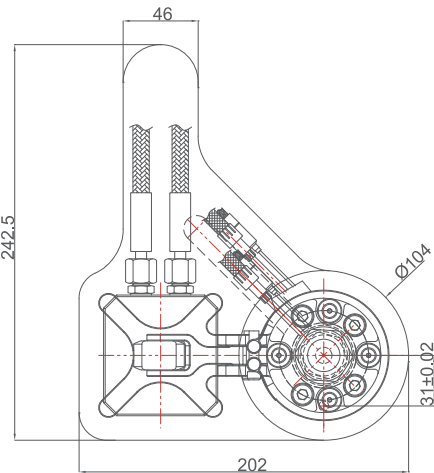
GATE TYPE	TVA/VV/TVL/TVAT
T	17

TSV10 □ □ 255 □ □  
 IC (J) or CA (K)  
 TVA, VV, TVL, TVAT

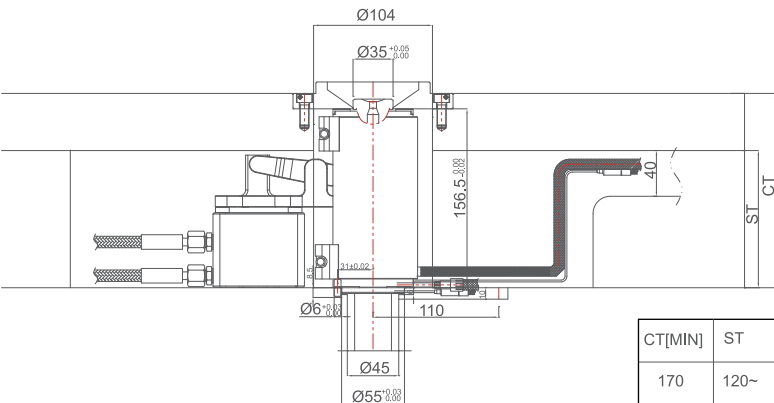
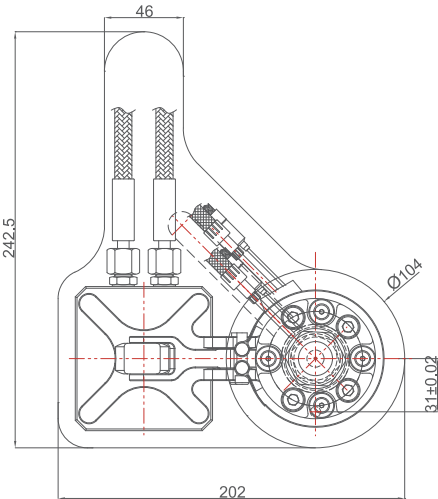
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		Code	Code	Code	Code	Code	Code	Code	Code
TSV10 □ □ 225 □ □	217,90 - 227,92	HTTSV1013500	NZTPIC[CA]161050	HTTA22250430	NZTPIC[CA]161050				
TSV10 □ □ 235 □ □	227,93 - 237,94	HTTSV1013500	NZTPIC[CA]161050	HTTA22250530	NZTPIC[CA]161050				
TSV10 □ □ 245 □ □	237,95 - 247,97	HTTSV1013500	NZTPIC[CA]161050	HTTA22250630	NZTPIC[CA]161250				
TSV10 □ □ 255 □ □	247,98 - 257,99	HTTSV1013500	NZTPIC[CA]161050	HTTA22250730	NZTPIC[CA]161250				
TSV10 □ □ 265 □ □	258,00 - 268,01	HTTSV1013500	NZTPIC[CA]161050	HTTA22250830	NZTPIC[CA]161450				
TSV10 □ □ 275 □ □	268,02 - 278,04	HTTSV1013500	NZTPIC[CA]161050	HTTA22250930	NZTPIC[CA]161450				
TSV10 □ □ 285 □ □	278,05 - 288,06	HTTSV1013500	NZTPIC[CA]161050	HTTA22251030	NZTPIC[CA]161650				
TSV10 □ □ 295 □ □	288,07 - 298,09	HTTSV1013500	NZTPIC[CA]161050	HTTA22251130	NZTPIC[CA]161650				
TSV10 □ □ 305 □ □	298,10 - 308,11	HTTSV1013500	NZTPIC[CA]161050	HTTA22251230	NZTPIC[CA]161850				
TSV10 □ □ 315 □ □	308,12 - 318,13	HTTSV1013500	NZTPIC[CA]161050	HTTA22251330	NZTPIC[CA]161850				
TSV10 □ □ 325 □ □	318,14 - 328,16	HTTSV1013500	NZTPIC[CA]161050	HTTA22251430	NZTPIC[CA]162050				
TSV10 □ □ 335 □ □	328,17 - 337,99	HTTSV1013500	NZTPIC[CA]161050	HTTA22251530	NZTPIC[CA]162050				
TSV10 □ □ 345 □ □	338,00 - 357,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL250730	NZTPIC[CA]161050	HTGT25270053	NZTPIC[CA]162050		
TSV10 □ □ 365 □ □	358,00 - 377,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL250930	NZTPIC[CA]161050	HTGT25270053	NZTPIC[CA]162250		
TSV10 □ □ 385 □ □	378,00 - 397,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251130	NZTPIC[CA]161250	HTGT25270053	NZTPIC[CA]162450		
TSV10 □ □ 405 □ □	398,00 - 417,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251330	NZTPIC[CA]161250	HTGT25270053	NZTPIC[CA]162650		
TSV10 □ □ 425 □ □	418,00 - 437,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251530	NZTPIC[CA]161450	HTGT25270053	NZTPIC[CA]162850		
TSV10 □ □ 445 □ □	438,00 - 457,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251730	NZTPIC[CA]161450	HTGT25270053	NZTPIC[CA]163050		
TSV10 □ □ 465 □ □	458,00 - 477,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251930	NZTPIC[CA]161650	HTGT25370053	NZTPIC[CA]163250		
TSV10 □ □ 485 □ □	478,00 - 497,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL252130	NZTPIC[CA]161650	HTGT25370053	NZTPIC[CA]163450		
TSV10 □ □ 505 □ □	498,00 - 517,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL250730	NZTPIC[CA]161050	HTSDAL251330	NZTPIC[CA]162250	HTGT25370053	NZTPIC[CA]163650
TSV10 □ □ 525 □ □	518,00 - 537,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL250930	NZTPIC[CA]161050	HTSDAL251330	NZTPIC[CA]162450	HTGT25370053	NZTPIC[CA]163850
TSV10 □ □ 545 □ □	538,00 - 557,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251130	NZTPIC[CA]161250	HTSDAL251330	NZTPIC[CA]162650	HTGT25470053	NZTPIC[CA]164050
TSV10 □ □ 565 □ □	558,00 - 577,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251330	NZTPIC[CA]161250	HTSDAL251330	NZTPIC[CA]162850	HTGT25470053	NZTPIC[CA]164550
TSV10 □ □ 585 □ □	578,00 - 597,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251530	NZTPIC[CA]161450	HTSDAL251330	NZTPIC[CA]163050	HTGT25470053	NZTPIC[CA]164550
TSV10 □ □ 605 □ □	598,00 - 617,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251730	NZTPIC[CA]161450	HTSDAL251330	NZTPIC[CA]163250	HTGT25470053	NZTPIC[CA]165050
TSV10 □ □ 625 □ □	618,00 - 637,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251930	NZTPIC[CA]161650	HTSDAL251330	NZTPIC[CA]163450	HTGT25470053	NZTPIC[CA]165050
TSV10 □ □ 645 □ □	638,00 - 657,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL252130	NZTPIC[CA]161650	HTSDAL251330	NZTPIC[CA]163650	HTGT25470053	NZTPIC[CA]165050
TSV10 □ □ 665 □ □	658,00 - 677,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL251930	NZTPIC[CA]161650	HTSDAL251730	NZTPIC[CA]163650	HTGT25470053	NZTPIC[CA]165550
TSV10 □ □ 685 □ □	678,00 - 697,99	HTTSV1013500	NZTPIC[CA]161050	HTFRAL252130	NZTPIC[CA]161650	HTSDAL251730	NZTPIC[CA]163850	HTGT25470053	NZTPIC[CA]165550

# TINA SINGLE VALVE

## TSV 10 SYSTEM (Hydraulic Cylinder)



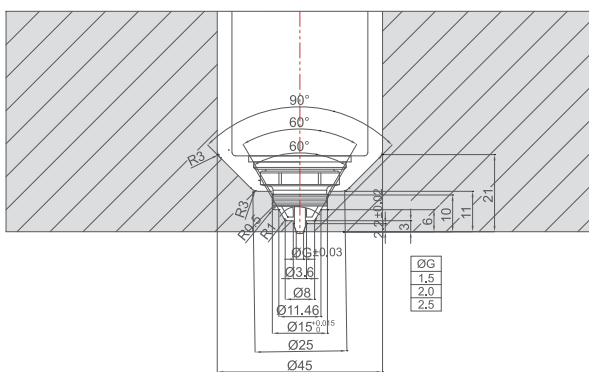
## TSV 10 SYSTEM (Pneumatic cylinder)



# TINA SINGLE VALVE

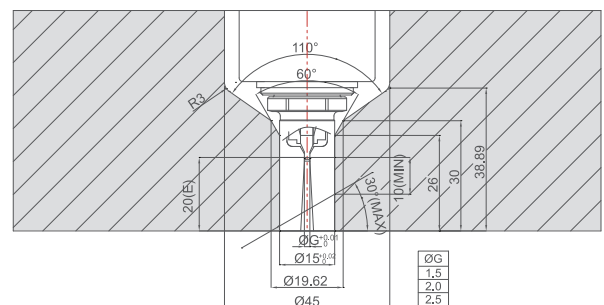
## TSV 10 VALVE GATE

VV



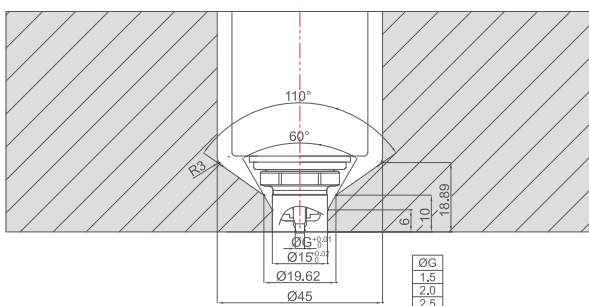
1. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

TVL



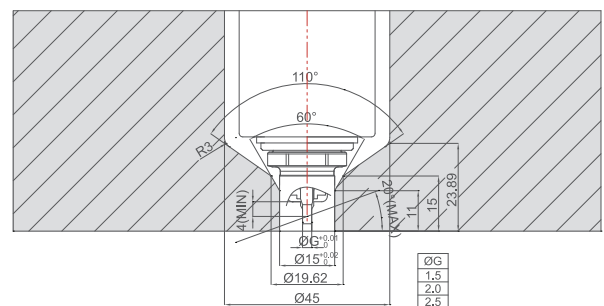
1. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

TVA



1. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

TVAT

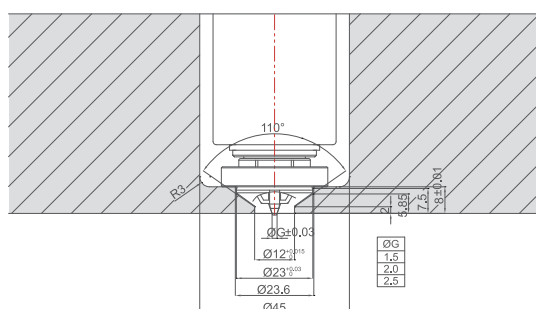


1. Maximum angle – 20°, if over 20° YUDO recommend angled system or you can contact YUDO Technician.  
2. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

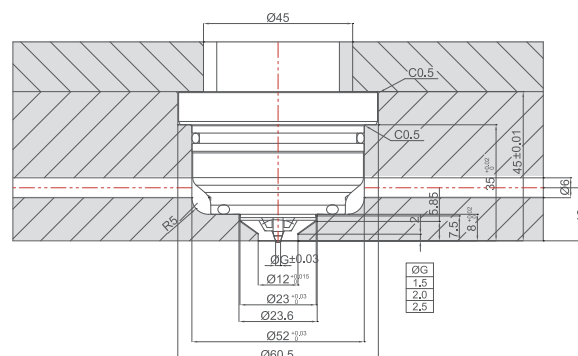
# TINA SINGLE VALVE

## TSV 10 VALVE GATE BUSH

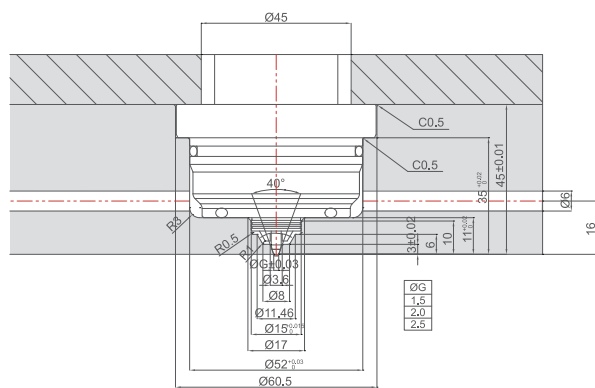
VA TYPE



LVF TYPE

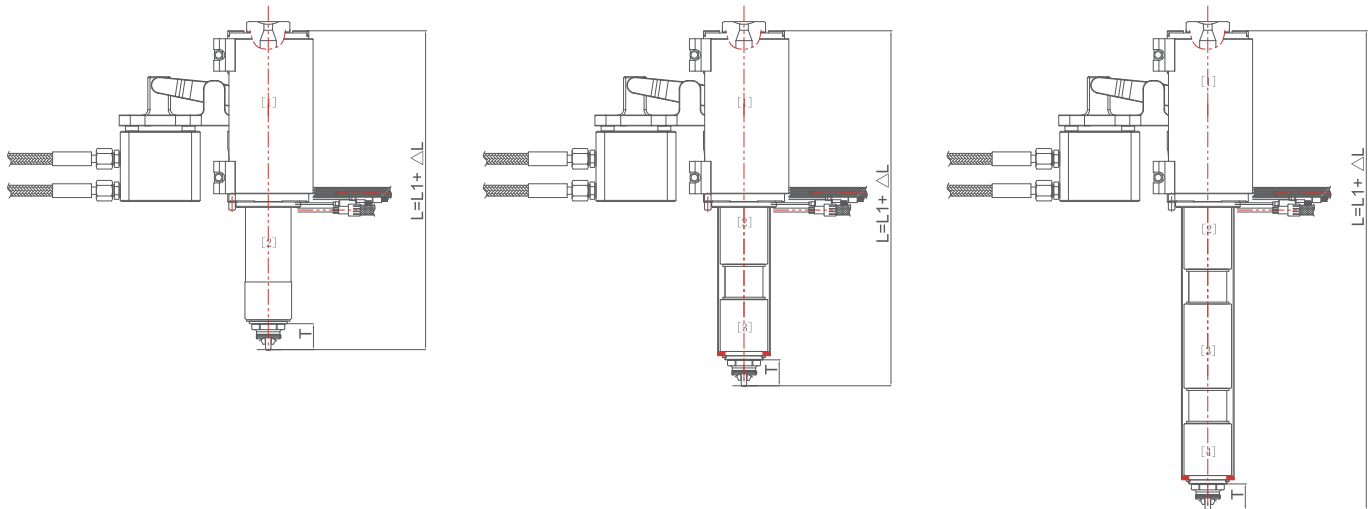


## TSV 10 HIDDEN GATE BUSH



# TINA SINGLE VALVE

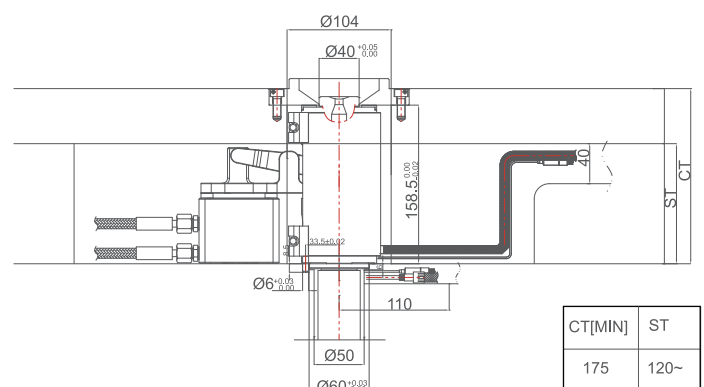
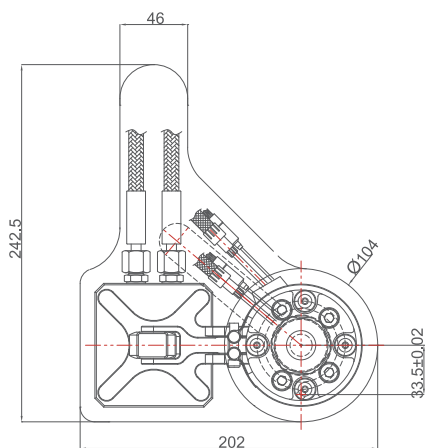
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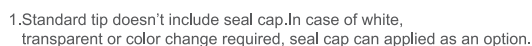
GATE TYPE	TVA/VV/TVL/TVAT
T	24

TSV15 ☐ ☐ 255 ☐ ☐  
 IC (J) or CA (K)  
 TVA, VV, TVL, TVAT

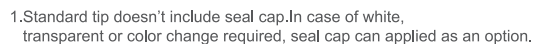
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TSV15 <input type="checkbox"/> <input type="checkbox"/> 255 <input type="checkbox"/> <input type="checkbox"/>	246,94 - 256,96	HTTSV1514000	NZTPIC[CA]161050	HTTA22350580	NZTPIC[CA]161250				
TSV15 <input type="checkbox"/> <input type="checkbox"/> 265 <input type="checkbox"/> <input type="checkbox"/>	256,97 - 266,98	HTTSV1514000	NZTPIC[CA]161050	HTTA22350680	NZTPIC[CA]161250				
TSV15 <input type="checkbox"/> <input type="checkbox"/> 275 <input type="checkbox"/> <input type="checkbox"/>	266,99 - 277,01	HTTSV1514000	NZTPIC[CA]161050	HTTA22350780	NZTPIC[CA]161450				
TSV15 <input type="checkbox"/> <input type="checkbox"/> 285 <input type="checkbox"/> <input type="checkbox"/>	277,02 - 287,03	HTTSV1514000	NZTPIC[CA]161050	HTTA22350880	NZTPIC[CA]161450				
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TSV15 <input type="checkbox"/> <input type="checkbox"/> 305 <input type="checkbox"/> <input type="checkbox"/>	297,06 - 307,08	HTTSV1514000	NZTPIC[CA]161050	HTTA22351080	NZTPIC[CA]161650				
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TSV15 <input type="checkbox"/> <input type="checkbox"/> 345 <input type="checkbox"/> <input type="checkbox"/>	337,16 - 347,18	HTTSV1514000	NZTPIC[CA]161050	HTTA22351480	NZTPIC[CA]162050				
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TSV15 <input type="checkbox"/> <input type="checkbox"/> 455 <input type="checkbox"/> <input type="checkbox"/>	447,00 - 466,99	HTTSV1514000	NZTPIC[CA]161050	HTFRAL351680	NZTPIC[CA]161650	HTGT35370048	NZTPIC[CA]163250		
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TSV15 <input type="checkbox"/> <input type="checkbox"/> 715 <input type="checkbox"/> <input type="checkbox"/>	707,00 - 726,99	HTTSV1514000	NZTPIC[CA]161050	HTFRAL351480	NZTPIC[CA]161650	HTSDAL352480	NZTPIC[CA]164050	HTGT35570048	NZTPIC[CA]166050
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TSV15 <input type="checkbox"/> <input type="checkbox"/> 835 <input type="checkbox"/> <input type="checkbox"/>	827,00 - 846,99	HTTSV1514000	NZTPIC[CA]161050	HTFRAL352680	NZTPIC[CA]162250	HTSDAL352480	NZTPIC[CA]165550	HTGT35670048	NZTPIC[CA]167050



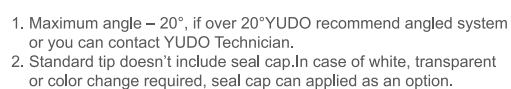
## w



## TVL



1. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

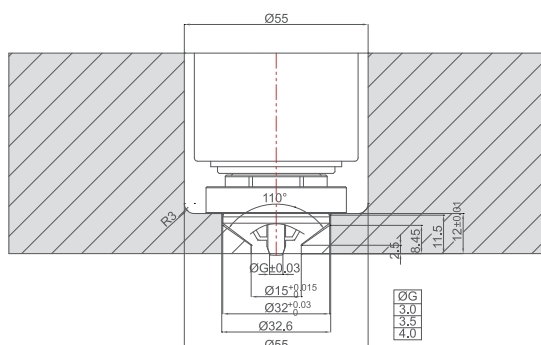




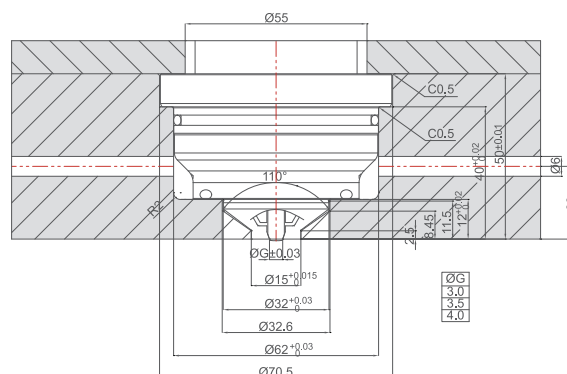
# TINA SINGLE VALVE

## TSV 15 VALVE GATE BUSH

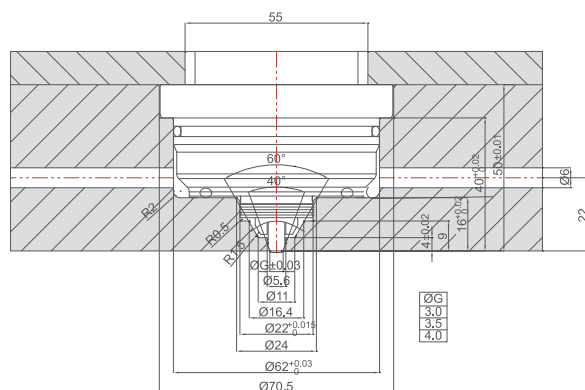
VA TYPE



LVF TYPE

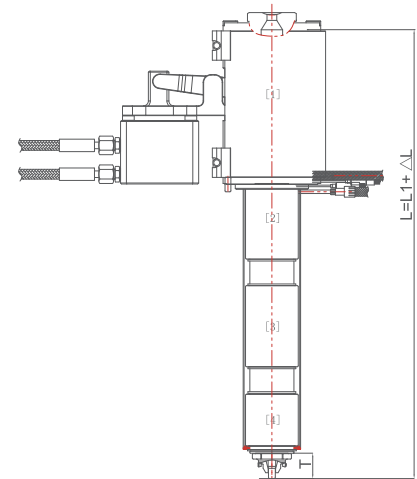
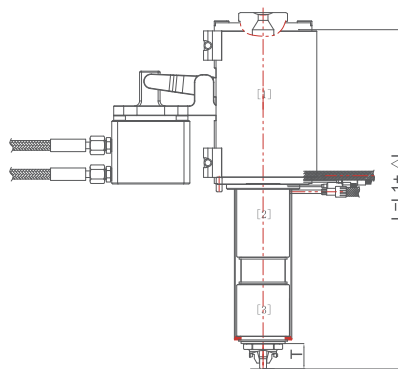
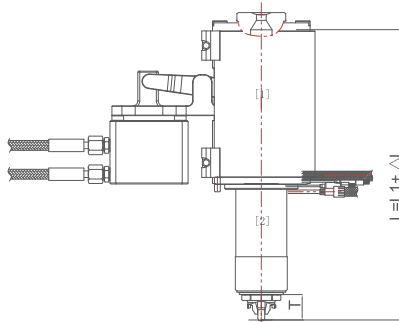


## TSV 15 HIDDEN GATE BUSH



# TINA SINGLE VALVE

## TSV 22 NOZZLE



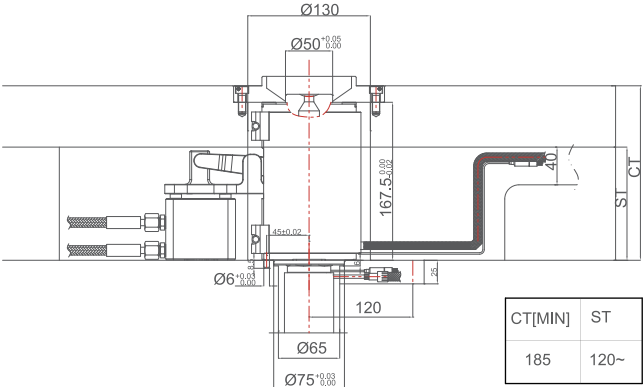
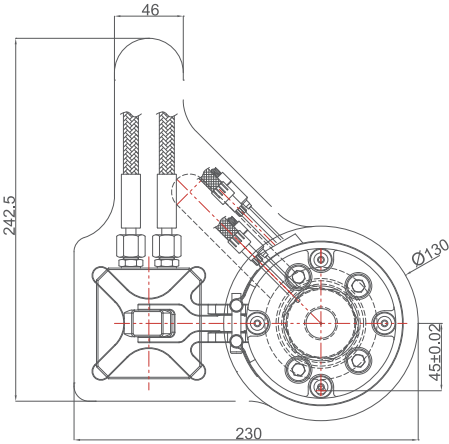
GATE TYPE	TVA/VV/TVL/TVAT
T	26

TSV22 □ □ 265 □ □  
 IC (J) or CA (K)  
 TVA, VV, TVL, TVAT

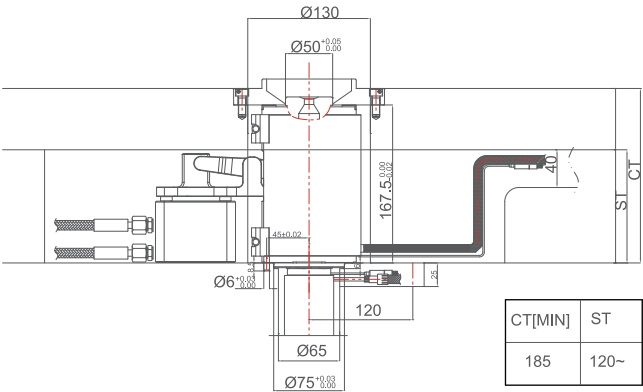
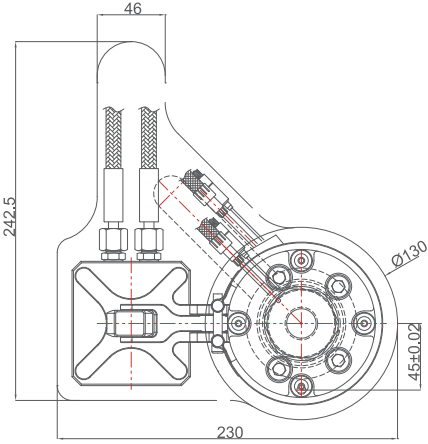
Code	L	Heater-1 Code	TC-1 Code	Heater-2 Code	TC-2 Code	Heater-3 Code	TC-3 Code	Heater-4 Code	TC-4 Code
TSV22 □ □ 265 □ □	264.43 - 274.45	HTTSV2215500	NZTPIC(CA)161050	HTTA22450530	NZTPIC(CA)161250				
TSV22 □ □ 275 □ □	274.46 - 284.47	HTTSV2215500	NZTPIC(CA)161050	HTTA22450630	NZTPIC(CA)161450				
TSV22 □ □ 285 □ □	284.48 - 294.50	HTTSV2215500	NZTPIC(CA)161050	HTTA22450730	NZTPIC(CA)161450				
TSV22 □ □ 295 □ □	294.51 - 304.52	HTTSV2215500	NZTPIC(CA)161050	HTTA22450830	NZTPIC(CA)161650				
TSV22 □ □ 305 □ □	304.53 - 314.54	HTTSV2215500	NZTPIC(CA)161050	HTTA22450930	NZTPIC(CA)161650				
TSV22 □ □ 315 □ □	314.55 - 324.57	HTTSV2215500	NZTPIC(CA)161050	HTTA22451030	NZTPIC(CA)161850				
TSV22 □ □ 325 □ □	324.58 - 334.59	HTTSV2215500	NZTPIC(CA)161050	HTTA22451130	NZTPIC(CA)161850				
TSV22 □ □ 335 □ □	334.60 - 344.62	HTTSV2215500	NZTPIC(CA)161050	HTTA22451230	NZTPIC(CA)162050				
TSV22 □ □ 345 □ □	344.63 - 354.64	HTTSV2215500	NZTPIC(CA)161050	HTTA22451330	NZTPIC(CA)162050				
TSV22 □ □ 355 □ □	354.65 - 364.66	HTTSV2215500	NZTPIC(CA)161050	HTTA22451430	NZTPIC(CA)162250				
TSV22 □ □ 365 □ □	364.67 - 374.69	HTTSV2215500	NZTPIC(CA)161050	HTTA22451530	NZTPIC(CA)162250				
TSV22 □ □ 375 □ □	374.70 - 384.71	HTTSV2215500	NZTPIC(CA)161050	HTTA22451630	NZTPIC(CA)162450				
TSV22 □ □ 385 □ □	384.72 - 394.99	HTTSV2215500	NZTPIC(CA)161050	HTTA22451730	NZTPIC(CA)162450				
TSV22 □ □ 395 □ □	395.00 - 414.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL450930	NZTPIC(CA)161450	HTGT45270053	NZTPIC(CA)162650		
TSV22 □ □ 415 □ □	415.00 - 434.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451130	NZTPIC(CA)161450	HTGT45270053	NZTPIC(CA)162850		
TSV22 □ □ 435 □ □	435.00 - 454.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451330	NZTPIC(CA)161650	HTGT45270053	NZTPIC(CA)163050		
TSV22 □ □ 455 □ □	455.00 - 474.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451530	NZTPIC(CA)161650	HTGT45270053	NZTPIC(CA)163250		
TSV22 □ □ 475 □ □	475.00 - 494.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451730	NZTPIC(CA)161850	HTGT45270053	NZTPIC(CA)163450		
TSV22 □ □ 495 □ □	495.00 - 514.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451930	NZTPIC(CA)161850	HTGT45370053	NZTPIC(CA)163650		
TSV22 □ □ 515 □ □	515.00 - 534.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452130	NZTPIC(CA)162050	HTGT45370053	NZTPIC(CA)163850		
TSV22 □ □ 535 □ □	535.00 - 554.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452330	NZTPIC(CA)162050	HTGT45370053	NZTPIC(CA)164050		
TSV22 □ □ 555 □ □	555.00 - 574.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452530	NZTPIC(CA)162250	HTGT45370053	NZTPIC(CA)164250		
TSV22 □ □ 575 □ □	575.00 - 594.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL450930	NZTPIC(CA)161450	HTSDAL452530	NZTPIC(CA)163050	HTGT45370053	NZTPIC(CA)164550
TSV22 □ □ 595 □ □	595.00 - 614.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451130	NZTPIC(CA)161450	HTSDAL452530	NZTPIC(CA)163250	HTGT45470053	NZTPIC(CA)164550
TSV22 □ □ 615 □ □	615.00 - 634.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451330	NZTPIC(CA)161650	HTSDAL452530	NZTPIC(CA)163450	HTGT45470053	NZTPIC(CA)165050
TSV22 □ □ 635 □ □	635.00 - 654.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451530	NZTPIC(CA)161650	HTSDAL452530	NZTPIC(CA)163650	HTGT45470053	NZTPIC(CA)165050
TSV22 □ □ 655 □ □	655.00 - 674.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451730	NZTPIC(CA)161850	HTSDAL452530	NZTPIC(CA)163850	HTGT45470053	NZTPIC(CA)165050
TSV22 □ □ 675 □ □	675.00 - 694.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451930	NZTPIC(CA)161850	HTSDAL452530	NZTPIC(CA)164050	HTGT45470053	NZTPIC(CA)165550
TSV22 □ □ 695 □ □	695.00 - 714.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452130	NZTPIC(CA)162050	HTSDAL452530	NZTPIC(CA)164250	HTGT45570053	NZTPIC(CA)165550
TSV22 □ □ 715 □ □	715.00 - 734.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451330	NZTPIC(CA)161650	HTSDAL452530	NZTPIC(CA)163850	HTGT45570053	NZTPIC(CA)166050
TSV22 □ □ 735 □ □	735.00 - 754.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451530	NZTPIC(CA)161650	HTSDAL452530	NZTPIC(CA)164050	HTGT45570053	NZTPIC(CA)166050
TSV22 □ □ 755 □ □	755.00 - 774.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451730	NZTPIC(CA)161850	HTSDAL452530	NZTPIC(CA)164550	HTGT45570053	NZTPIC(CA)166050
TSV22 □ □ 775 □ □	775.00 - 794.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL451930	NZTPIC(CA)161850	HTSDAL452530	NZTPIC(CA)164550	HTGT45570053	NZTPIC(CA)166550
TSV22 □ □ 795 □ □	795.00 - 814.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452130	NZTPIC(CA)162050	HTSDAL452530	NZTPIC(CA)165050	HTGT45770053	NZTPIC(CA)166550
TSV22 □ □ 815 □ □	815.00 - 834.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452330	NZTPIC(CA)162050	HTSDAL452530	NZTPIC(CA)165050	HTGT45770053	NZTPIC(CA)167050
TSV22 □ □ 835 □ □	835.00 - 854.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452530	NZTPIC(CA)162250	HTSDAL452530	NZTPIC(CA)165050	HTGT45770053	NZTPIC(CA)167050
TSV22 □ □ 855 □ □	855.00 - 874.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452130	NZTPIC(CA)162050	HTSDAL453130	NZTPIC(CA)165050	HTGT45770053	NZTPIC(CA)167050
TSV22 □ □ 875 □ □	875.00 - 894.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452330	NZTPIC(CA)162050	HTSDAL453130	NZTPIC(CA)165550	HTGT45770053	NZTPIC(CA)167550
TSV22 □ □ 895 □ □	895.00 - 914.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452530	NZTPIC(CA)162250	HTSDAL453130	NZTPIC(CA)165550	HTGT45770053	NZTPIC(CA)167550
TSV22 □ □ 915 □ □	915.00 - 934.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452730	NZTPIC(CA)162250	HTSDAL453130	NZTPIC(CA)165550	HTGT45770053	NZTPIC(CA)168050
TSV22 □ □ 935 □ □	935.00 - 954.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL452930	NZTPIC(CA)162450	HTSDAL453130	NZTPIC(CA)166050	HTGT45770053	NZTPIC(CA)168050
TSV22 □ □ 955 □ □	955.00 - 974.99	HTTSV2215500	NZTPIC(CA)161050	HTFRAL453130	NZTPIC(CA)162450	HTSDAL453130	NZTPIC(CA)166050	HTGT45770053	NZTPIC(CA)168050

# TINA SINGLE VALVE

## TSV 22 SYSTEM (Hydraulic Cylinder)



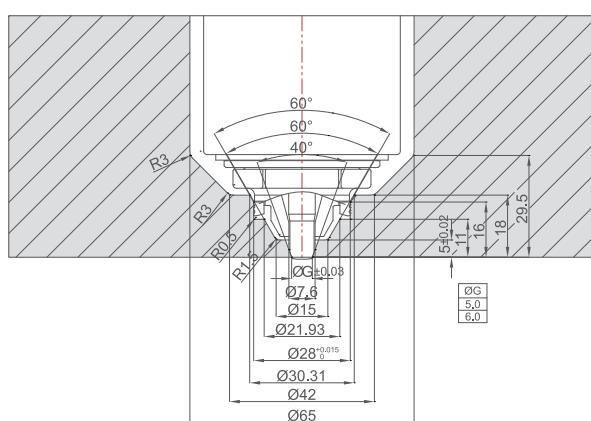
## TSV 22 SYSTEM (Pneumatic cylinder)



# TINA SINGLE VALVE

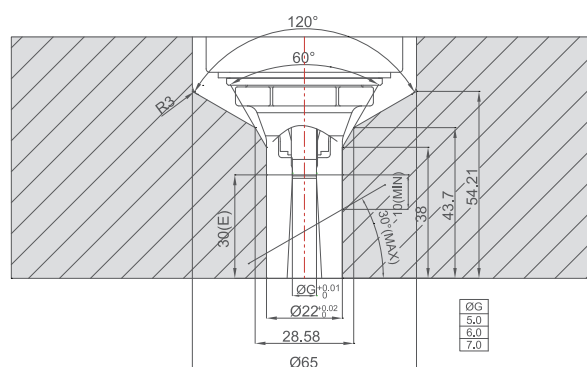
## TSV 22 VALVE GATE

VV



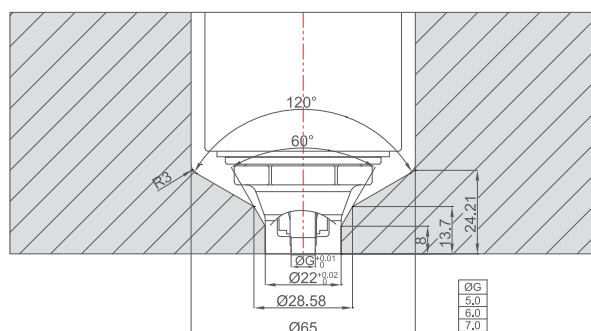
1. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

TVL



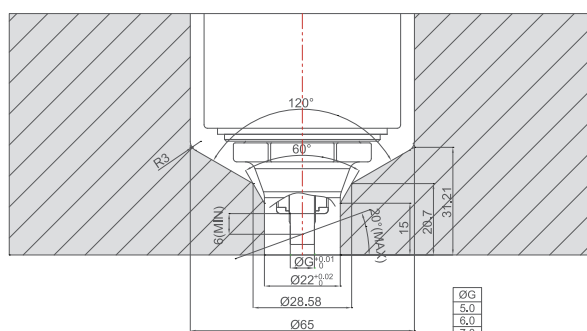
1. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

TVA



1. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

TVAT

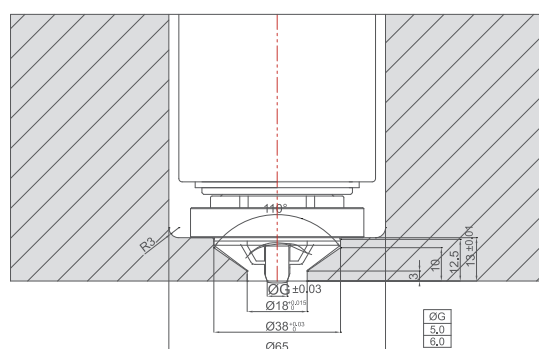


1. Maximum angle – 20°, if over 20° YUDO recommend angled system or you can contact YUDO Technician.  
2. Standard tip doesn't include seal cap. In case of white, transparent or color change required, seal cap can be applied as an option.

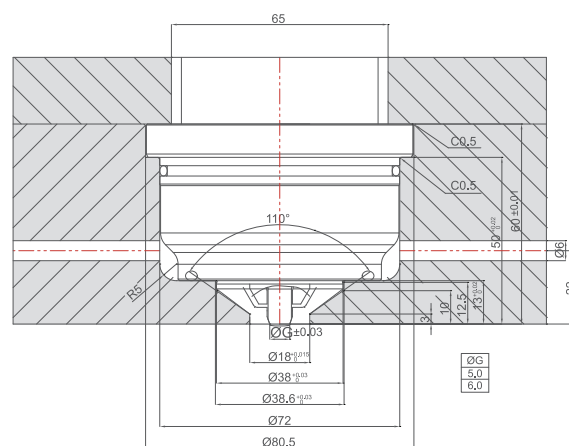
# TINA SINGLE VALVE

## TSV 22 VALVE GATE BUSH

VA TYPE



LVF TYPE



## TSV 22 HIDDEN GATE BUSH

