SPENCE/KUNKLE COMPETITIVE CROSSOVER CHART

WHY CHOOSE SPENCE SAFETY AND RELIEF VALVES?

1) Spence Engineering sets and tests all valves in accordance with the applicable ASME code and API 527. Most competitive valves do not meet API 527, leading to premature simmering and leakage causing system problems and premature valve failure.
2) Spence Engineering Safety and Relief Valves are designed and manufactured with a more rugged body/bonnet design than most competitive valves. This exceptionally rugged design withstands excessive piping strains that often lead to valve failure.

6000 Series

Model 6010
Side Outlet with bronze/brass trim[1]

KUNKLE	SPENCE
6010DC	__DCA
6010DD	__DDA
6010ED	__EDA
6010EE	__EEA
6010FE	__FEA
6010FF	__FFA
6010GF	__GFA
6010GG	__GGA
6010HG	__HGA
6010HH	__HHA
6010JH	__JHA
6010JJ	__JJA

Model 6021
Same as Model 6010 with Teflon disc insert[2, 3]

KUNKLE	SPENCE
6021DC	__DCA
6021DD	__DDA
6021ED	__EDA
6021EE	__EEA
6021FE	__FEA
6021FF	__FFA
6021GF	__GFA
6021GG	__GGA
6021HG	__HGA
6021HH	__HHA
6021JH	__JHA
6021JJ	__JJA

Model 6030
Same as Model 6010 with SS disc and nozzle[4]

KUNKLE	SPENCE
6030DC	__DCA
6030DD	__DDA
6030ED	__EDA
6030EE	__EEA
6030FE	__FEA
6030FF	__FFA
6030GF	__GFA
6030GG	__GGA
6030HG	__HGA
6030HH	__HHA
6030JH	__JHA
6030JJ	__JJA

Model 6182
Top Outlet with bronze/brass trim

KUNKLE	SPENCE
6182DC	41ATCDE
6182ED	41ATEDE
6182FE	41ATFEE
6182GF	41ATGFE
6182HG	41ATHGE
6182JH	41ATJHE

Model 6186
Same as 6182 except maximum pressure is 150 PSIG

KUNKLE	SPENCE
6186DC	41ATCDE
6186ED	41ATEDE
6186FE	41ATFEE
6186GF	41ATGFE
6186HG	41ATHGE

6000 Series cont.

Model 6121
Same as 6182 with Teflon disc insert[5]

KUNKLE	SPENCE
6121DC	43ATCDE
6121ED	43ATEDE
6121FE	43ATFEE
6121GF	43ATGFE
6121HG	43ATHGE
6121JH	43ATJHE

Model 6130
Same as 6182 with SS nozzle and base

KUNKLE	SPENCE
6130DC	42ATCDE
6130ED	42ATEDE
6130FE	42ATFEE
6130GF	42ATGFE
6130HG	42ATHGE
6130JH	42ATJHE

6252 Series (Formerly 252)

Model 6252
(Formerly 252) Cast Iron with bronze/brass trim[1]

KUNKLE	SPENCE
6252AJG	__JGB
6252FJG	__JGC
6252AKH	__KHB
6252FKH	__KHC
6252FKJ	__KJC
6252FKK	__KKC
6252ALJ	__LJB
6252FLJ	__LJC
6252FLK	__LKC
6252AMK	__MKB
6252FMK	__MKC
6252KNM	__NMD
6252KPM	__PMD
6252KQP	__QPD
6252KRP	__RPD

Model 6253
(Formerly 253) Same as 6252 with SS semi nozzle and disc[4]

KUNKLE	SPENCE
6253AJG	__JGB
6253FJG	__JGC
6253AKH	__KHB
6253FKH	__KHC
6253FKJ	__KJC
6253FKK	__KKC
6253ALJ	__LJB
6253FLJ	__LJC
6253FLK	__LKC
6253AMK	__MKB
6253FMK	__MKC
6253KNM	__NMD
6253KPM	__PMD
6253KQP	__QPD
6253KRP	__RPD

900 Series

Model 910
Full nozzle with Carbon Steel body and bonnet with SS Trim See Model 911 for equal SS conversion

Model 911
Full nozzle with all SS contruction

KUNKLE	SPENCE
Plain Cap	
911BDCM01	860NDCA
911BEDM01	860NEDA
911BFEM01	860NFEA
911BGFM01	860NGFA
911BHGM01	860NHGA
Open Lever	
911BDCM03	860EDCA
911BEDM03	860EEDA
911BFEM03	860EFEA
911BGFM03	860EGFA
911BHGM03	860EHGA
Packed Lever	
911BDCM06	860PDCA
911BEDM06	860PEDA
911BFEM06	860PFEA
911BGFM06	860PGFA
911BHGM06	860PHGA

Model 912
Full nozzle with SS disc and bronze base

KUNKLE	SPENCE
Plain Cap	
912BDCM12	810NDCA
912BEDM01	810NEDA
912BFEM01	810NFEA
912BGFM01	810NGFA
912BHGM01	810NHGA
Open Lever	
912BDCM14	810EDCA
912BEDM03	810EEDA
912BFEM03	810EFEA
912BGFM03	810EGFA
912BHGM03	810EHGA
Packed Lever	
912BDCM17	810PDCA
912BEDM06	810PEDA
912BFEM06	810PFEA
912BGFM06	810PGFA
912BHGM06	810PHGA

Model 913
Same as 912 with 316SS base and disc holder

KUNKLE	SPENCE
Plain Cap	
913BDCM12	820NDCA
913BEDM01	820NEDA
913BFEM01	820NFEA
913BGFM01	820NGFA
913BHGM01	820NHGA
Open Lever	
913BDCM14	820EDCA
913BEDM03	820EEDA
913BFEM03	820EFEA
913BGFM03	820EGFA
913BHGM03	820EHGA
Packed Lever	
913BDCM17	820PDCA
913BEDM06	820PEDA
913BFEM06	820PFEA
913BGFM06	820PGFA
913BHGM06	820PHGA

900 Series cont.

Model 916
Same as 910 with soft seat See Model 917 for equal SS conversion

Model 917
Same as 911 with soft seat[6, 9]

KUNKLE	SPENCE
Plain Cap	
917BDC_01	86__NDCA
917BED_01	86__NEDA
917BFE_01	86__NFEA
917BGF_01	86__NGFA
917BHG_01	86__NHGA
Open Lever	
917BDC_03	86__EDCA
917BED_03	86__EEDA
917BFE_03	86__EFEA
917BGF_03	86__EGFA
917BHG_03	86__EHGA
Packed Lever	
917BDC_06	86__PDCA
917BED_06	86__PEDA
917BFE_06	86__PFEA
917BGF_06	86__PGFA
917BHG_06	86__PHGA

Model 918
Same as 912 with soft seat[6, 7]

KUNKLE	SPENCE
Plain Cap	
918BDC_12	81__NDCA
918BED_01	81__NEDA
918BFE_01	81__NFEA
918BGF_01	81__NGFA
918BHG_01	81__NHGA
Open Lever	
918BDC_14	81__EDCA
918BED_03	81__EEDA
918BFE_03	81__EFEA
918BGF_03	81__EGFA
918BHG_03	81__EHGA
Packed Lever	
918BDC_17	81__PDCA
918BED_06	81__PEDA
918BFE_06	81__PFEA
918BGF_06	81__PGFA
918BHG_06	81__PHGA

Model 919
Same as 913 with soft seat[6, 8]

KUNKLE	SPENCE
Plain Cap	
919BDC_12	82__DCA
919BED_01	82__NEDA
919BFE_01	82__NFEA
919BGF_01	82__NGFA
919BHG_01	82__NHGA
Open Lever	
919BDC_14	82__EDCA
919BED_03	82__EEDA
919BFE_03	82__EFEA
919BGF_03	82__EGFA
919BHG_03	82__EHGA
Packed Lever	
919BDC_17	82__PDCA
919BED_06	82__PEDA
919BFE_06	82__PFEA
919BGF_06	82__PGFA
919BHG_06	82__PHGA

930 Series

Model 930
Cast Iron for ASME Sec. IV Service[10]

KUNKLE	SPENCE
0930-H01	0010ZHA
0930-J01	0010ZJA
0930-K01	0010ZKA

300 Series

Model 300
Cryogenic

KUNKLE	SPENCE
363	*710E Bronze
363C	*710N
389C	*760N (SS)

20 Series

Model 20
Bronze with plain cap for Liquid

KUNKLE	SPENCE
0020-C01	810NDCA
0020-D01	810NEDA
0020-E01	810NFEA
0020-F01	810NGFA
0020-G01	810NHGA

Model 20P
Same as model 20 with packed lever

KUNKLE	SPENCE
020P-C01	810PDCA
020P-D01	810PEDA
020P-E01	810PFEA

20 Series cont.

KUNKLE	SPENCE
020P-F01	810PGFA
020P-G01	810PHGA

299 Series

Model 299
Drip Pan Elbows

KUNKLE	SPENCE
299-D	DPE-D
299-E	DPE-E
299-F	DPE-F
299-G	DPE-G
299-H	DPE-H
299-J	DPE-J
299-K	DPE-K
299-M	DPE-M
299-P	DPE-P
299-Q	DPE-Q

215V Series

Model 215V
Cast Iron for Vacuum Service[10]

KUNKLE	SPENCE
215V-H01	015VZHA
215V-J01	015VZJA
215V-K01	015VZKA

337 Series

Model 337
Cast Iron with pull ring[10]

KUNKLE	SPENCE
0337-H01	015CZHA
0337-J01	015CZJA
0337-K01	015CZKA

[1]Choose SPENCE model 0031, 0041 or 041A depending on Choice of ASME code Setting
See page 204

[2]Choose SPENCE model 0033, 0043 or 043A depending on Choice of ASME code Setting
See page 204

[3]SPENCE models 0033 and 0043 have EPDM and model 043A has Viton disc insert

[4]Choose SPENCE model 0032, 0042 or 042A depending on Choice of ASME code Setting
See page 204

[5]SPENCE model has Viton disc insert

[6]Kunkle Soft Seat (o-ring) choices - B (Buna N), E (EPR), S (Silicone), V (Viton) or N(Neoprene)

[7]Choose SPENCE model 812 (EPDM), 814 (Viton) or 816 (TFE/25% Glass) o-ring

[8]Choose SPENCE model 822 (EPDM), 824 (Viton) or 826 (TFE/25% Glass) o-ring

[9]SPENCE model 862 (EPDM), 864 (Viton) or 866 (TFE/25% Glass) o-ring

[10]Spence model is 2 x 2-1/2 connections - for vacuum service, outlet connection gets connected to vacuum side

* Pressure limited

This crossover chart is to be used as a guideline ONLY. All applications should be reviewed in the product catalog or by the factory.
All valve data should be reviewed before final selection (physical dimensions, capacity requirements, materials, inlet/outlet connections, etc.)
Neither Spence Engineering nor it's agents assume any responsibility for the selection and/or cross reference of any product.
Spence Engineering does not guarantee that this information is accurate and/or up to date, therefore it should be used only as a guide.