

Springer Pumps, LLC

Toll Free: 866-777-6060 Int'l: 484-949-2900 Fax: 866-777-6383 www.springerpumps.com

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
.312 (5/16") SHAFT								
A	1.062	.656	1	1.000	.312	BMDJF		SP 114
C	.812	.812	3	.875	.312	VCFJF		SP 1064V
.375 (3/8") SHAFT								
B	1.125	.375	1	1.000	.203	BMFJF		SP 1615
B	1.125	.375	1	.875	.165	BMFJF		SP 671
C	.812	.812	3	.875	.312	BCFJF		SP 1065
C	.812	.812	3	.875	.312	VCFJF		SP 1065V
.437 (7/16") SHAFT								
C	.875	.718	1	1.175	.240	VCFJF		SP 3578V
C	.875	.750	1	1.181	.285	NCFJF		SP 1133
.500 (1/2") SHAFT								
A	1.062	.656	---	---	---	BMF-F		SP 298
A	1.062	.656	1	1.000	.290	BMFKF		SP 506
A	1.062	.656	1	1.000	.312	BMFJF		SP 162
B	1.125	.418	1	1.000	.187	BMFJF		SP 1137
B	1.125	.537	---	---	---	BMF-F		SP 150
B	1.125	.537	9		.312	BMFKF	A	SP 164
B	1.125	.537	9		.312	BMFJF	A	SP 165
B	1.125	.537	1	.875	.165	BMFJF		SP 1098
B	1.125	.537	1	1.000	.218	BMFJF		SP 142
B	1.125	.537	1	1.000	.290	BMFKF		SP 788
B	1.125	.537	1	1.000	.312	BMFJF		SP 163
C	.922	.605	Spec.	1.360	.300	BCFGF		SP 2138
---	---	---	1	.938	.225	B--J-		SP 400A
C	.937	.718	---	---	---	BMF-F		SP 400
C	.937	.718	---	---	---	VCF-F		SP 400V
C	.937	.718	1	.938	.225	BMFJF		SP 392
C	.937	.718	1	.938	.225	V/QCFJF		SP 392V
C	.937	.718	1	.938	.225	BMFKF		SP 393
C	.937	.718	1	1.000	.218	BMFJF		SP 1043
C	.937	.718	1	1.062	.312	BCFJF		SP 1120
C	.937	.750	1	1.125	.237	BMFJF		SP 7712
C	.937	.812	---	---	---	BCF-F		SP 401
C	.937	.812	---	---	---	BCF-F		SP 1050
C	.937	.812	1	.938	.225	BCFJF		SP 401A
C	.937	.812	1	.938	.225	BCFJF		SP 1012
C	.937	.812	1	.938	.250	BCFKF		SP 984
C	.937	.812	1	1.000	.290	BCFKF		SP 106
C	.937	.812	1	1.000	.290	VCFKF		SP 106V
C	.937	.812	1	1.000	.290	BCFKF		SP 632
C	.937	.812	1	1.000	.312	BCFJF		SP 631
C	.937	.812	1	1.000	.312	BCFJF		SP 1002
C	.937	.812	1	1.000	.312	VCFJF		SP 1002V
C	.937	.812	1	1.000	.312	QCFJF		SP 1002 -EPR
Q	1.125	.390	9		.171	BMFJF	A	SP 1621
Q	1.125	.390	9		.312	BMFJF	A	SP 1112
Q	1.125	.390	1	.937	.225	BMFJF		SP 749

NOTE: A. MOUNTS ON SHAFT

WHEN SEAL IDENTIFICATION IS DOUBTFUL, SEND SAMPLE ALONG WITH APPLICATION INFORMATION AND ALL PUMP NAMEPLATE DATA.



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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
.500 (1/2") SHAFT (continued)								
Q	1.125	.390	1	1.000	.312	BMFJF		SP 663
Q	1.125	.408	9		.218	BMFJF	A	SP 1149
.562 (9/16") SHAFT								
A	1.218	.718	1	1.250	.406	VCFJF		SP 1061
C	1.062	.812	---	---	---	BCF-F		SP 928
.590 (15MM) SHAFT								
C	1.062	.875	1	1.250	.406	VCFKF	I	SP 7520
D	1.312	.875	1	1.250	.406	BCFJF	H	SP 129
D	1.312	.875	1	1.250	.406	BCFKF	H	SP 1675
.625 (5/8") SHAFT								
A	1.218	.718				BMFJ/MF	G	SP 2131
A	1.218	.718	---	---	---	BCF-F		SP 218
A	1.218	.718	---	---	---	BMF-F		SP 299
A	1.218	.718	Press In	.815	.312	BMFKF		SP 293
A	1.218	.718	1	1.187	.288	BCFKF		SP 518
A	1.218	.718	1	1.187	.288	BLFLF		SP 518-SC-SC
A	1.218	.718	1	1.187	.288	BCFJF		SP 680
A	1.218	.718	1	1.187	.288	BMFKF		SP 701
A	1.218	.718	1	1.187	.288	VCFKF		SP 701V
A	1.218	.718	1	1.187	.288	BMFJF		SP 702
A	1.218	.718	1	1.187	.288	VCFJF		SP 702V
A	1.218	.718	1	1.187	.343	BMFJF		SP 100
A	1.218	.718	1	1.187	.343	VCFJF		SP 100V-CMS
A	1.218	.718	3	1.187	.343	VCFJF		SP 100V
A	1.218	.718	1	1.187	.343	BCFJF		SP 957
A	1.218	.718	1	1.187	.343	BMFKF		SP 1150
A	1.218	.718	3	1.187	.343	BMFJF		SP 711
A	1.218	.718	1	1.250	.406	BMFJF		SP 200
A	1.218	.718	3	1.250	.406	VCFJF		SP 200V
A	1.218	.718	1	1.250	.406	VCFJF		SP 200V-CMS
A	1.218	.718	1	1.250	.406	QCFJF		SP 200-EPR
A	1.218	.718	1	1.250	.406	BMFJF		SP 300
A	1.218	.718	3	1.250	.406	VCFJF		SP 300V
A	1.218	.718	1	1.250	.406	BMFKF		SP 507
A	1.218	.718	3	1.250	.406	VCFKF		SP 507V
A	1.218	.718	1	1.250	.406	BCFJF		SP 516
A	1.218	.718	1	1.250	.406	BCFKF		SP 524
A	1.218	.718	1	1.250	.406	QCFKF		SP 524-EPR
A	1.218	.718	3	1.250	.406	BMFKF		SP 628
A	1.218	.718	3	1.250	.406	BMFJF		SP 637
A	1.218	.718	1	1.250	.406	VCFZF		SP 2204
A	1.218	.718	1	1.375	.562	BMFJF		SP 528
A	1.218	.718	1	1.375	.562	VCFJF		SP 528V
A	1.218	.811	1	1.187	.288	BCFKF		SP 955
A	1.218	.811	1	1.187	.343	BMFJF		SP 166
A	1.218	.811	1	1.187	.343	BCFJF		SP 953
A	1.218	.811	1	1.250	.406	BMFKF		SP 153

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NOTE: A. MOUNTS ON SHAFT
 G. MOUNTS IN PLASTIC
 H. SPRING HOLDER NOT INCLUDED
 I. ABRASION RESISTANT CARBON (P66)

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Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
.625 (5/8") SHAFT (continued)								
A	1.218	.811	3	1.250	.406	VCFKF		SP 153V
A	1.218	.811	1	1.250	.406	BMFJF		SP 501
A	1.218	.811	3	1.250	.406	VCFJF		SP 501V
A	1.218	.811	1	1.250	.406	BCFJF		SP 952
A	1.218	.811	1	1.250	.406	BCFKF		SP 954
B	1.437	.615	---	---	---	BMF-F		SP 642
B	1.437	.615	---	---	---	BCF-F		SP 882
B	1.437	.615	9		.215	BCFJF	A	SP 447
B	1.437	.615	9		.215	BCFKF	A	SP 453
B	1.437	.615	9		.215	BMFJF	A	SP 1021
B	1.437	.615	9		.215	VCFJF	A	SP 447V
B	1.437	.615	9		.312	BMFJF	A	SP 452
B	1.437	.615	11		.375	BMFJF	A	SP 202
B	1.437	.615	11		.375	VCFJF	A	SP 1013
B	1.437	.615	11		.487	BMFJF	A	SP 411
B	1.437	.615	11		.487	VCFJF	A	SP 411V
B	1.437	.615	1	1.093	.218	BMFJF		SP 113
B	1.437	.615	1	1.093	.218	V/BCFJF		SP 1089
B	1.437	.615	1	1.187	.288	BCFKF		SP 522
B	1.437	.615	1	1.187	.288	BMFKF		SP 616
B	1.437	.615	1	1.187	.288	BMFJF		SP 700
B	1.437	.615	3	1.187	.288	BMFJF		SP 716
B	1.437	.615	1	1.187	.343	BCFJF		SP 963
B	1.437	.615	1	1.187	.343	BMFJF		SP 600
B	1.437	.615	1	1.187	.343	VCFJF		SP 600V-CMS
B	1.437	.615	3	1.187	.343	VCFJF		SP 600V
B	1.437	.615	3	1.187	.343	BMFJF		SP 717
B	1.437	.615	1	1.250	.406	BCFJF		SP 961
B	1.437	.615	1	1.250	.406	BCFKF		SP 964
B	1.437	.615	1	1.250	.406	BMFKF		SP 1152
B	1.437	.615	1	1.250	.406	BMFJF		SP 1000
B	1.437	.615	3	1.250	.406	VCFJF		SP 1000V
B	1.437	.615	3	1.250	.406	BMFKF		SP 712
B	1.437	.615	3	1.250	.406	BMFJF		SP 715
B	1.437	.615	1	1.375	.288	BMFJF		SP 151
B	1.437	.615	1	1.375	.406	BMFKF		SP 1005A
B	1.437	.615	1	1.375	.406	BMFJF		SP 2161
B	1.437	.622	2	1.250	.390	TCFJF		SP 6860
C	1.062	.609	3	1.250	.406	BCFKF		SP 1625
C	1.062	.609	3	1.250	.406	VCFKF		SP 1626
C	1.062	.715	1	1.187	.343	VCFJF		SP 1091
C	1.062	.718	1	1.250	.406	BCFJF		SP 2160
C	1.062	.718	3	1.250	.406	VCFJF		SP 1045
C	1.062	.765	1	1.187	.288	NCDJF	B	SP 989
C	1.062	.765	1	1.187	.343	BCDJF	B	SP 1016
C	1.062	.765	1	1.250	.406	NCDJF	B	SP 810
C	1.062	1.187	1	1.156	.312	BCFJF		SP 800
C	1.062	.812	3	1.250	.406	QCFKF		SP 2206



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NOTE:
A. MOUNTS ON SHAFT
B. TAPERED SPRING

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Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
.625 (5/8") SHAFT (continued)								
C	1.062	.843	20	---	Plate	NCPGP		SP 181
C	1.062	.875	---	---	---	BCF-F		SP 933
C	1.062	.875	---	---	---	VCF-F		SP 933V
C	1.062	.875	1	1.187	.288	BCFJF		SP 1155
C	1.062	.875	1	1.187	.288	BCFKF		SP 493
C	1.062	.875	1	1.187	.288	VCFKF		SP 493V
C	1.062	.875	1	1.187	.288	BCFJF		SP 733
C	1.062	.875	1	1.187	.288	VCFJF		SP 1155V
C	1.062	.875	1	1.187	.288	VCFZF		SP 1155V-TC-SEAT
C	1.062	.875	1	1.187	.296	QCFJF		SP 2214
C	1.062	.875	1	1.187	.343	BCFJF		SP 118
C	1.062	.875	1	1.187	.343	BCFKF		SP 1154
C	1.062	.875	3	1.187	.343	BCFJF		SP 536
C	1.062	.875	1	1.250	.406	BCFJF		SP 290
C	1.062	.875	1	1.250	.406	VCFJF		SP 290V
C	1.062	.875	1	1.250	.406	BCFJF		SP 359
C	1.062	.875	1	1.250	.406	VCFJF		SP 359V-CMS
C	1.062	.875	1	1.250	.406	BCFKF		SP 633
C	1.062	.875	1	1.250	.406	NCFJF		SP 1079
C	1.062	.875	1	1.250	.406	NCFKF		SP 1080
C	1.062	.875	1	1.250	.406	BCFKF		SP 1156
C	1.062	.875	1	1.250	.406	VCFKF		SP 1156V
C	1.062	.875	3	1.250	.406	VCFJF		SP 359V
C	1.062	.875	3	1.250	.406	VCFJF	I	SP 359V-P66
C	1.062	.875	3	1.250	.406	BCFJF		SP 552
C	1.062	.875	3	1.250	.406	VCFKF		SP 633V
C	1.062	.875	1	1.250	.406	VCFKF		SP 633V-CMS
C	1.062	.875	1	1.250	.406	VCFKF	I	SP 633V-P66
C	1.062	.875	3	1.250	.406	BCFKF		SP 732
C	1.062	.875	3	1.250	.406	QCFKF		SP 732-EPR
C	1.062	.875	3	1.375	.406	VCFKF		SP 951
C	1.062	.968/1.093	1	1.250	.406	BCFJF		SP 1119
C	1.062	.968/1.093	1	1.250	.406	VCFJF		SP 1119V
C	1.187	.875	1	1.375	.406	VCFJF		SP 626
C	1.312	.937	1	1.250	.406	V/BCFJF	B	SP 1085
C	1.312	.937	1	1.250	.406	VCFJF	B	SP 1085V
C	1.312	.937	1	1.250	.406	BCFJF	B	SP 1618
C	1.312	.937	3	1.250	.406	BCFKF	B	SP 2149
D	1.312	.875	---	---	---	BCD-F		SP 109
D	1.312	.875	1	1.187	.288	BCDKF		SP 226
D	1.312	.875	1	1.187	.288	BCDJF		SP 531
D	1.312	.875	1	1.187	.288	BCFKF		SP 2007
D	1.312	.875	1	1.187	.343	BCDKF		SP 263
D	1.312	.875	3	1.187	.343	BCDJF		SP 737
D	1.312	.875	1	1.187	.343	BCFJF		SP 2004
D	1.312	.875	1	1.250	.406	BCDKF		SP 102
D	1.312	.875	3	1.250	.406	VCDKF		SP 102V
D	1.312	.875	1	1.250	.406	BCDJF		SP 508
D	1.312	.875	3	1.250	.406	VCDJF		SP 508V

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SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
.625 (5/8") SHAFT (continued)								
D	1.312	.875	1	1.250	.406	VCDJF		SP 508V-CMS
D	1.312	.875	3	1.250	.406	BCDKF		SP 734
D	1.312	.875	3	1.250	.406	BCDJF		SP 735
D	1.312	.875	1	1.250	.406	BCFJF		SP 2000
D	1.312	.875	3	1.250	.406	BCFJF		SP 2002
E	1.093	1.312	1	1.187	.288	BCDKF		SP 486
E	1.093	1.312	1	1.187	.288	BCDJF		SP 740
E	1.093	1.312	3	1.187	.288	BCFKF		SP 2023
E	1.093	1.312	1	1.187	.343	BCDJF		SP 485
E	1.093	1.312	3	1.187	.343	BCDJF		SP 748
E	1.093	1.312	1	1.187	.343	BCFJF		SP 2020
E	1.093	1.312	1	1.187	.343	BCFKF		SP 2021
E	1.093	1.312	3	1.187	.343	BCFJF		SP 2022
E	1.093	1.312	2	1.250	.343	BCDKF		SP 1158
E	1.093	1.312	1	1.250	.406	BCDJF		SP 274
E	1.093	1.312	1	1.250	.406	VCDJF		SP 274V
E	1.093	1.312	1	1.250	.406	BCDKF		SP 487
E	1.093	1.312	1	1.250	.406	BCFJF		SP 2016
E	1.093	1.312	1	1.250	.406	BCFKF		SP 2017
E	1.093	1.312	3	1.250	.406	BCDKF		SP 738
E	1.093	1.312	3	1.250	.406	BCDJF		SP 739
K	1.062	1.187	---	---	---	BCF-F		SP 678
S	1.312	1.395	8	1.187	.125	NAPSP		SP 795
.750 (3/4") SHAFT								
A	1.343	.718	---	---	---	BCF-F		SP 974
A	1.343	.718	---	---	---	BMF-F		SP 1522
A	1.343	.718	1	1.375	.281	BCFJF		SP 764
A	1.343	.718	1	1.375	.406	BCFJF		SP 851
A	1.343	.718	1	1.375	.406	BMFKF		SP 921
A	1.343	.718	1	1.375	.406	BCFKF		SP 973
A	1.343	.718	1	1.375	.406	BMFJF		SP 201
A	1.343	.718	1	1.375	.406	VCFJF		SP 201V-CMS
A	1.343	.718	3	1.375	.406	VCFJF		SP 201V
A	1.343	.718	3	1.375	.406	BMFJF		SP 760
A	1.343	.718	3	1.375	.406	BMFKF		SP 762
A	1.343	.718	1	1.437	.406	BMFJF		SP 101
A	1.343	.718	1	1.437	.406	VCFJF		SP 101V
A	1.343	.718	1	1.437	.406	BCFJF		SP 968
A	1.343	.718	1	1.500	.250	BMFJF		SP 1525
A	1.343	.718	8		.125	BMFKF	A	SP 199
A	1.343	.978	1	1.375	.281	BMFJF		SP 301
B	1.575	.615	---	---	---	BMF-F		SP 647
B	1.575	.615	---	---	---	BCF-F		SP 1024
B	1.575	.615	9		.281	BMFKF	A	SP 902
B	1.575	.615	9		.312	BMFJF	A	SP 1622
B	1.575	.615	9		.375	BMFKF	A	SP 441
B	1.575	.615	11		.437	BMFJF	A	SP 440
B	1.575	.615	1	1.375	.406	BMFKF		SP 606
B	1.575	.615	1	1.375	.406	BMFJF		SP 601

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
.750 (3/4") SHAFT (continued)								
B	1.575	.615	3	1.375	.406	VCFJF		SP 601V
B	1.575	.615	3	1.375	.406	BMFJF		SP 765
B	1.575	.615	3	1.375	.406	BMDKF		SP 766
B	1.575	.615	11	1.375	.406	BCFJF		SP 7618
C	1.187	.718	1	1.375	.281	BCFJF		SP 944
C	1.187	.718	1	1.375	.406	BCFJF		SP 877
C	1.187	.718	1	1.375	.406	VCFJF		SP 877V
C	1.187	.718	1	1.375	.406	VCFKF		SP 1092
C	1.187	.718	1	1.375	.406	VCFJF		SP 1093
C	1.187	.718	1	1.375	.406	BCFKF		SP 1113
C	1.187	.718	1	1.375	.406	BCFJF		SP 1125
C	1.187	.718	3	1.375	.406	BCFJF		SP 2236
C	1.187	.718	1	1.437	.406	BCFJF		SP 7514
C	1.187	.843	1	1.375	.406	BCFJF	B	SP 128
C	1.187	.843	3	1.375	.406	VCFJF	B	SP 128V
C	1.187	.875	---	---	---	BCF-F		SP 157
C	1.187	.875	1	1.312	.406	BCFJF		SP 1514
C	1.187	.875	1	1.375	.281	BCFJF		SP 1510
C	1.87	.875	1	1.375	.281	VCFJF		SP 1510V
C	1.187	.875	1	1.375	.406	BCFKF		SP 112
C	1.187	.875	1	1.375	.406	BCFJF		SP 358
C	1.187	.875	1	1.375	.406	VCFJF		SP 358V-CMS
C	1.187	.875	1	1.375	.406	BCFKF		SP 1160
C	1.187	.875	1	1.375	.406	BCFKF		SP 2229
C	1.187	.875	3	1.375	.406	VCFKF		SP 112V
C	1.187	.875	3	1.375	.406	VCFJF		SP 358V
C	1.187	.875	3	1.375	.406	BCFJF		SP 767
C	1.187	.875	3	1.375	.406	BCFKF		SP 768
C	1.187	.875	1	1.437	.406	BCFJF		SP 7277
C	1.187	.875	1	1.500	.250	BCFJF		SP 683
C	1.187	.906	20	Plate Plate		NCPGP		SP 182
C	1.187	1.312	---	---	---	BCF-F		SP 564
C	1.187	1.312	1	1.375	.406	BCFJF		SP 275
C	1.187	1.312	1	1.375	.406	BCFKF		SP 373
C	1.187	1.312	1	1.375	.406	VCFKF		SP 373V
C	1.187	1.312	3	1.375	.406	BCFJF		SP 771
C	1.187	1.312	3	1.375	.406	BCFKF		SP 773
D	1.437	.875	---	---	---	BCD-F		SP 399
D	1.437	.875	1	1.275	.281	BCDJF		SP 437
D	1.437	.875	1	1.275	.281	VCDJF		SP 437V
D	1.437	.875	1	1.375	.281	BCDJF		SP 1162
D	1.437	.875	3	1.375	.406	BCDKF		SP 265
D	1.437	.875	1	1.375	.406	BCDJF		SP 750
D	1.437	.875	3	1.375	.406	VCDJF		SP 750V
D	1.437	.875	1	1.375	.406	VCDJF		SP 750V-CMS
D	1.437	.875	1	1.375	.406	BCDKF		SP 752
D	1.437	.875	3	1.375	.406	VCDKF		SP 752V
D	1.437	.875	1	1.375	.406	BCFJF		SP 2008

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NOTE: B. TAPERED SPRING

Springer Pumps, LLC

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
.750 (3/4") SHAFT (continued)								
D	1.437	.875	1	1.375	.406	BCFKF		SP 2009
D	1.437	.875	3	1.375	.406	BCFJF		SP 2010
D	1.437	.875	1	1.437	.406	BCDKF		SP 444
D	1.437	.875	1	1.437	.406	BCDJF		SP 1161
D	1.437	1.000	1	1.437	.406	BCDKF		SP 1026
J	1.225	.875	1	1.375	.375	BCFJF		SP 812
K	1.187	1.156	1	1.375/1.500	.281/.250	BCFJF		SP 175
K	1.187	1.625	---	---	---	BCF-F		SP 145
K	1.187	1.700	1	1.375	.406	BCFJF		SP 1604
S	1.625	1.953	8	1.500	.250	NAPSP		SP 792
.787 (20MM) SHAFT								
D	1.562	.937	1	1.500	.406	BCDJF	H	SP 135
D	1.562	.937	1	1.500	.406	VCDKF	H	SP 614
D	1.562	.937	1	1.500	.406	VCDKF	H	SP 614V
.875 (7/8") SHAFT								
C	1.312	.812	1	1.437	.265	BCFJF		SP 2167
C	1.312	.812	3	1.437	.265	BCFKF		SP 2169
C	1.312	.812	3	1.437	.265	VCFKF		SP 2169V
C	1.312	.812	3	1.437	.265	QCFKF	I	SP 2224
C	1.312	.812	1	1.500	.406	BCFJF		SP 7130
C	1.312	.937	---	---	---	BCF-F		SP 208
C	1.312	.937	1	1.437	.265	BCFJF		SP 2166
C	1.312	.937	3	1.437	.265	BCFKF		SP 2168
C	1.312	.937	1	1.500	.406	BCFJF		SP 309
C	1.312	.937	3	1.500	.406	VCFJF		SP 309V
C	1.312	.937	1	1.500	.406	VCFJF		SP 309V-CMS
C	1.312	.937	3	1.500	.406	BCFKF		SP 617
C	1.312	.937	1	1.500	.406	BCFKF		SP 687
C	1.312	.937	3	1.500	.406	VCFKF		SP 687V
C	1.312	.937	1	1.500	.406	VCFKF		SP 687V-CMS
C	1.312	.937	3	1.500	.406	BCFJF		SP 774
C	1.312	.937	1	1.562	.406	BCFJF		SP 1163
C	1.312	.937	1	1.562	.406	BCFKF		SP 294
D	1.562	.937	---	---	---	BCD-F		SP 578
D	1.562	.921	1	1.437	.265	BCDJF		SP 790
D	1.562	.937	3	1.437	.265	BCDKF		SP 1681
D	1.562	.937	3	1.500	.406	BCDKF		SP 250
D	1.562	.937	1	1.500	.406	BCDKF		SP 303
D	1.562	.937	3	1.500	.406	VCDKF		SP 303V
D	1.562	.937	1	1.500	.406	BCDJF		SP 703
D	1.562	.937	3	1.500	.406	VCDJF		SP 703V
D	1.562	.937	3	1.500	.406	BCDJF		SP 775
D	1.562	.937	1	1.500	.406	BCFJF		SP 2024
D	1.562	.937	3	1.500	.406	BCFJF		SP 2026
D	1.562	.937	3	1.500	.406	BCFKF		SP 2027
D	1.562	.937	3	1.500	.406	VCFKF		SP 2027V
D	1.562	.937	1	1.562	.406	BCDJF		SP 602
D	1.562	.937	1	1.562	.406	BCDKF		SP 603



NOTE:
H. SPRING HOLDER NOT INCLUDED
I. ABRASION RESISTANT CARBON

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SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
.875 (7/8") SHAFT (continued)								
E	1.343	1.375	---	---	---	BCF-F		SP 936
E	1.343	1.375	1	1.500	.406	BCFJF		SP 188
E	1.343	1.375	3	1.500	.406	VCFJF		SP 188V
E	1.343	1.375	3	1.500	.406	BCFKF		SP 229
E	1.343	1.375	3	1.500	.406	BCFJF		SP 776
E	1.343	1.375	1	1.500	.406	BCFKF		SP 935
E	1.343	1.375	1	1.500	.406	BCFKF		SP 2029
E	1.343	1.375	3	1.500	.406	BCFJF		SP 2030
E	1.343	1.375	3	1.500	.406	BCFKF		SP 2031
J	1.350	.875	1	1.500	.375	BCFJF		SP 287
K	1.281	1.250	---	---	---	BCF-F		SP 197
K	1.281	1.250	1	1.500	.406	BCFKF		SP 878
K	1.281	1.250	1	1.500	.406	BCFJF		SP 892
K	1.281	1.250	3	1.500	.406	VCFJF		SP 892V
R	1.562	1.625	1	1.500	.406	BCDJF		SP 428
R	1.562	1.625	1	1.500	.406	BCDKF		SP 685
.937 (15/16") SHAFT								
U	1.437	1.656	1	1.562	.406	BCFKF		SP 560SS
U	1.437	1.656	3	1.562	.406	VCFKF		SP 560V
U	1.437	1.656	3	1.562	.406	BCFKF		SP 845
1.000 (1") SHAFT								
A	1.687	.812	---	---	---	BMF-F		SP 975
A	1.687	.812	1	1.625	.437	BMFKF		SP 370
A	1.687	.812	1	1.625	.437	BCFJF		SP 360
A	1.687	.812	3	1.625	.437	VCFJF		SP 360V
A	1.687	.812	3	1.625	.437	BMFJF		SP 777
A	1.687	.812	3	1.625	.437	BMFKF		SP 778
A	1.687	.812	25	1.625	.625	BMFJF		SP 405
A	1.687	.812	3	2.000	.406	BCFJF		SP 1086
A	1.687	.812	3	2.000	.406	VCFJF		SP 1086V
B	1.625	.874	1	1.625	.437	BMDJP		SP 1619
C	1.437	.750	1	1.625	.437	BCFJF	H	SP 1048
C	1.437	.750	3	1.625	.437	BCFJF		SP 1049
C	1.437	1.625	1	1.625	.437	BCFJF	H	SP 539
C	1.437	1.625	1	1.625	.437	BCFKF		SP 779
C	1.687	.812	---	---	---	BCF-F		SP 1095
C	1.687	.812	1	1.625	.437	VCFJF		SP 1094
C	1.687	.843	1	1.625	.406	BCFKF		SP 1123
C	1.687	1.000	---	---	---	BCF-F		SP 397
C	1.687	1.000	---	---	---	VCF-F		SP 397V
C	1.687	1.000	3	1.437	.437	BCFJF		SP 2145
C	1.687	1.000	1	1.625	.437	BCFJF		SP 235
C	1.687	1.000	1	1.625	.437	VCFJF		SP 235V-CMS
C	1.687	1.000	3	1.625	.437	VCFJF		SP 235V
C	1.687	1.000	1	1.625	.437	BCFJF	B	SP 245
C	1.687	1.000	1	1.625	.437	QCFKF	B	SP 245-EPR
C	1.687	1.000	3	1.625	.437	VCFJF	B	SP 245V
C	1.687	1.000	1	1.625	.437	VCFJF	B	SP 245V-CMS
C	1.687	1.000	1	1.625	.437	BCFKF	B	SP 248

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NOTE:
 B. TAPERED SPRING
 H. SPRING HOLDER NOT INCLUDED

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.000 (1") SHAFT (continued)								
C	1.687	1.000	1	1.625	.437	QCCKF	B	SP 248-EPR
C	1.687	1.000	3	1.625	.437	VCKFKF	B	SP 248V
C	1.687	1.000	1	1.625	.437	VCKFKF	B	SP 248V-CMS
C	1.687	1.000	1	1.625	.437	BCCKFKF		SP 357
C	1.687	1.000	1	1.625	.437	QCCKFKF		SP 357V-CMS
C	1.687	1.000	3	1.625	.437	VCKFKF		SP 357V
C	1.687	1.000	3	1.625	.437	BCCKFKF		SP 499
C	1.687	1.000	3	1.625	.437	QCCKFKF		SP 499-EPR
C	1.687	1.000	3	1.625	.437	BCCKFJF		SP 548
C	1.687	1.000	1	1.625	.437	BZFZF		SP 2216
C	1.687	1.000	25	1.625	.625	BCCKFJF		SP 413
C	1.687	1.000	1	1.750	.437	BCCKFKF		SP 2163
C	1.687	1.000	1	1.750	.437	BCCKFJF		SP 3440
C	1.687	1.000	28	2.440	.438	BCCKFKF		SP 1034
C	1.687	1.015	1	1.812	.687	BCCKFJF		SP 1072
C	1.687	1.562	1	1.625	.437	BCCKFKF		SP 982
D	1.750	1.000	3	1.625	.312	BCPKF		SP 1630
D	1.750	1.000	3	1.625	.312	VCPKF		SP 1630V
D	1.750	1.000	3	1.625	.437	NCPGP		SP 159
D	1.750	1.062	---	---	---	BCF-F		SP 398
D	1.750	1.062	1	1.625	.437	BCCKFJF		SP 380
D	1.750	1.062	3	1.625	.437	VCKFJF		SP 380V
D	1.750	1.062	1	1.625	.437	VCKFJF		SP 380V-CMS
D	1.750	1.062	1	1.625	.437	BCCKFKF		SP 460
D	1.750	1.062	3	1.625	.437	VCKFKF		SP 460V
D	1.750	1.062	1	1.625	.437	VCDKF		SP 460V-CMS
D	1.750	1.062	3	1.625	.437	BCCKFKF		SP 252
D	1.750	1.062	3	1.625	.437	BCCKFJF		SP 2033
D	1.750	1.062	1	1.750	.437	BCCKFKF		SP 227
D	1.750	1.062	1	1.750	.437	BCCKFJF		SP 2164
E	1.500	1.187	3	1.625	.437	BCCKFKF		SP 251
E	1.500	1.562	---	---	---	BCF-F		SP 937
E	1.500	1.562	1	1.625	.437	BCCKFKF		SP 236
E	1.500	1.562	1	1.625	.437	VCKFKF		SP 236V-CMS
E	1.500	1.562	1	1.625	.437	BCCKFJF		SP 754
E	1.500	1.562	3	1.625	.437	VCKFKF		SP 236V
E	1.500	1.562	3	1.625	.437	BCCKFJF		SP 754V
E	1.500	1.562	1	1.625	.437	VCKFKF		SP 754V-CMS
E	1.500	1.562	3	1.625	.437	BCCKFJF		SP 557
E	1.500	1.562	3	1.625	.437	BCCKFKF		SP 791
J	1.470	1.000	1	1.625	.375	BCCKFJF		SP 813
K	1.687	1.625	1	1.625	.437	BCCKFJF		SP 879
K	1.687	1.625	1	1.625	.437	BCCKFKF		SP 891
N	Special Unitized Seal					NMRKF		SP 3100
N	1.906	.471	9	---	.421	NMDKF	A	SP 3401
R	1.750	1.875	---	---	---	BCF-F		SP 141
R	1.750	1.875	1	1.625	.437	BCCKFJF		SP 429
R	1.750	1.875	1	1.625	.437	BCCKFKF		SP 430
S	1.904	1.906	8	1.750	.250	NAPSP		SP 793
T	1.500	1.968	3	1.625	.312	NCPKF		SP 1631



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NOTE: A. MOUNTS ON SHAFT
B. TAPERED SPRING

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SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.000 (1") SHAFT (continued)								
T	1.500	2.312	1	1.625	.437	BCFJF		SP 276
T	1.500	2.312	1	1.625	.437	BCFKF		SP 277
1.062 (1-1/16") SHAFT								
C	1.812	1.062	3	1.750	.437	BCFKF		SP 2155
D	1.875	1.062	1	1.750	.437	BCDKF		SP 127
D	1.875	1.062	3	1.750	.437	BCFJF		SP 797
E	1.625	1.593	1	1.750	.437	BCFKF		SP 498
E	1.625	1.593	1	1.750	.437	BCFJF		SP 710
E	1.625	1.593	3	1.750	.437	BCFJF		SP 798
E	1.625	1.593	3	1.750	.437	BCFKF		SP 799
1.125 (1-1/8") SHAFT								
C	1.812	1.062	---	---	---	BCF-F		SP 348
C	1.812	1.062	---	---	---	VCF-F		SP 348V
C	1.812	1.062	1	1.750	.437	BCFKF		SP 355
C	1.812	1.062	3	1.750	.437	VCFKF		SP 355V
C	1.812	1.062	1	1.750	.437	VCFKF		SP 355V-CMS
C	1.812	1.062	1	1.750	.437	BCFJF		SP 356
C	1.812	1.062	1	1.750	.437	QCFJF		SP 356-EPR
C	1.812	1.062	3	1.750	.437	VCFJF		SP 356V
C	1.812	1.062	1	1.750	.437	VCFJF		SP 356V-CMS
C	1.812	1.062	3	1.750	.437	BCFKF		SP 529
C	1.812	1.062	3	1.750	.437	QCFKF		SP 529-EPR
C	1.812	1.062	3	1.750	.437	BCFKF	B	SP 588
C	1.812	1.062	3	1.750	.437	BCFJF		SP 801
C	1.812	1.062	1	1.750	.437	BCFKF	B	SP 1167
C	1.812	1.062	1	1.750	.437	BCFJF	B	SP 1682
C	1.812	1.062	3	1.750	.437	QCFZF	I	SP 2226
C	1.812	1.406	1	1.750	.437	BCFJF	B	SP 627
C	1.812	1.562	1	1.750	.437	BCFKF		SP 983
C	1.812	1.562	1	1.750	.437	BCFJF		SP 2227
C	1.812	1.562	3	1.750	.437	VCFKF		SP 983V
D	1.875	1.062	1	1.875	.562	BCFKF		SP 521
D	1.875	1.062	1	1.750	.437	BCFJF		SP 604
D	1.875	1.062	1	1.750	.437	BCFKF		SP 605
D	1.875	1.062	3	1.750	.437	BCFKF		SP 254
D	1.875	1.062	3	1.750	.437	BCFJF		SP 802
D	1.875	1.062	3	1.750	.437	VCFKF		SP 605V
E	1.625	1.187	3	1.750	.437	BCFKF		SP 253
E	1.625	1.625	1	1.687	.437	BCFJF		SP 607
E	1.625	1.625	1	1.687	.437	BCFKF		SP 7726
E	1.625	1.625	1	1.750	.437	BCFJF		SP 204
E	1.625	1.625	1	1.750	.437	BCFKF		SP 384
E	1.625	1.625	3	1.750	.437	VCFJF		SP 204V
E	1.625	1.625	3	1.750	.437	BCFJF	E	SP 866
E	1.625	1.625	3	1.750	.437	BCFKF	E	SP 867
E	1.625	1.625	1	1.750	.437	QCFKF		SP 867-EPR
E	1.625	1.625	3	1.750	.437	VCFKF	E	SP 867V
E	1.625	1.625	3	1.812	.437	BCFJF		SP 1172
E	1.625	1.625	3	1.812	.437	VCFJF		SP 1172V

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NOTE:

- B. TAPERED SPRING
- E. LOCK COLLAR SOLD SEPARATELY
- I. ABRASION RESISTANT CARBON



Springer Pumps, LLC

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.125 (1-1/8") SHAFT (continued)								
E	1.625	1.625	3	1.812	.437	BCFKF		SP 1173
E	1.625	1.625	3	1.812	.437	B/VCFJF		SP 1636
E	1.625	1.625	3	1.812	.437	B/VCFKF		SP 1637
E	1.625	1.625	3	1.812	.437	VCPKF		SP 1639V
E	1.625	1.625	3	1.812	.437	BCFZF		SP 1668
E	1.625	1.625	1	1.875	.437	BCFKF		SP 1067
E	1.625	2.000	3	1.812	.437	BCFJF		SP 619
K	1.812	1.625	1	1.750	.437	BCFJF		SP 1176
K	1.812	1.625	1	1.750	.437	BCFKF		SP 1177
T	1.625	2.375	3	1.750	.437	BCFJF		SP 886
T	1.625	2.375	3	1.750	.437	BCFJF		SP 918
T	1.625	2.375	3	1.812	.437	BCFJF		SP 1178
U	1.625	1.688	3	1.750	.437	BCFKF		SP 282
1.181 (30MM) SHAFT								
D	2.000	1.062	1	1.875	.437	BCDJF	H	SP 136
D	2.000	1.062	1	1.875	.437	BCDKF	H	SP 1179
1.187 (1-3/16") SHAFT								
C	1.937	1.062	1	1.875	.437	BCFKF		SP 2162
C	1.937	1.062	28	2.834	.500	BCFKF		SP 1044
D	2.062	1.000	1	1.875	.437	NCPJP		SP 297
E	1.812	1.187	3	1.875	.437	BCDKF		SP 255
E	1.812	1.187	1	1.875	.437	BCDJF		SP 306
E	1.812	1.187	3	1.875	.437	VCFJF		SP 306V
E	1.812	1.187	1	1.875	.437	BCDKF		SP 1180
E	1.812	1.625	1	1.875	.437	BCDJF		SP 310
E	1.812	1.625	1	1.875	.437	BCDKF		SP 343
T	1.812	2.375	1	1.875	.437	BCDJF		SP 723
T	1.812	2.375	1	1.875	.437	BCDKF		SP 724
1.250 (1-1/4") SHAFT								
C	1.937	1.062	---	---	---	BCF-F		SP 154
C	1.937	1.062	---	---	---	VCF-F		SP 154V
C	1.937	1.062	1	1.750	.365	BCFJF	B	SP 978
C	1.937	1.062	1	1.750	.365	VCFJF	B	SP 978V
C	1.937	1.062	1	1.750	.365	BCFKF	B	SP 979
C	1.937	1.062	1	1.750	.365	QCFKF	B	SP 979-EPR
C	1.937	1.062	1	1.750	.365	QCFZF	B	SP 978-EPR-TC
C	1.937	1.062	1	1.750	.365	VCFKF	B	SP 979V
C	1.937	1.062	1	1.875	.437	BCFJF		SP 185
C	1.937	1.062	1	1.875	.437	QCFJF		SP 185-EPR
C	1.937	1.062	1	1.875	.437	BZFZF		SP 185-TC-TC
C	1.937	1.062	3	1.875	.437	VCFJF		SP 185V
C	1.937	1.062	1	1.875	.437	VCFJF		SP 185V-CMS
C	1.937	1.062	1	1.875	.437	BCFJF	B	SP 246
C	1.937	1.062	3	1.875	.437	VCFJF	B	SP 246V
C	1.937	1.062	1	1.875	.437	BCFKF	B	SP 249
C	1.937	1.062	3	1.875	.437	VCFKF	B	SP 249V
C	1.937	1.062	3	1.875	.437	BCFKF	B	SP 525
C	1.937	1.062	3	1.875	.437	BCFKF		SP 598
C	1.937	1.062	3	1.875	.437	QCFKF		SP 598-EPR

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.250 (1-1/4") SHAFT (continued)								
C	1.937	1.062	3	1.875	.437	BCFZF		SP 598-TC-SEAT
C	1.937	1.062	3	1.875	.437	BCFJF		SP 618
C	1.937	1.062	1	1.875	.437	BCFKF		SP 756
C	1.937	1.062	1	1.875	.437	QCFKF		SP 756-EPR
C	1.937	1.062	1	1.875	.437	VCFKF		SP 756V-CMS
C	1.937	1.062	3	1.875	.437	B/VCFKF	F	SP 1053
C	1.937	1.062	1	1.875	.437	NCFJF		SP 1081
C	1.937	1.062	1	1.875	.437	NCFKF		SP 1082
C	1.937	1.062	3	1.875	.437	QCFKF	I	SP 2203
C	1.937	1.062	1	1.875	.437	BZFZF		SP 2208
C	1.937	1.062	1	2.000	.437	BCFJF		SP 466
C	1.937	1.062	1	2.000	.437	VCFJK		SP 466V
C	1.937	1.062	1	2.000	.437	VCFJF		SP 466V-CMS
C	1.937	1.062	3	2.000	.437	BCFKF		SP 1018
C	1.937	1.062	3	2.000	.437	QCFKF		SP 1018-EPR
C	1.937	1.062	3	2.000	.437	BCFJF		SP 2230
C	1.937	1.062	3	2.000	.437	VCFKF		SP 2200
C	1.937	1.062	28	2.835	.660	BCFKF		SP 1036
C	1.937	1.062	28	2.835	.660	VCFKF		SP 1036V
C	1.937	1.062	3	1.875	.437	VCFKF		SP 756V
C	1.937	1.250	25	2.250	.625	BCFJF	B	SP 923
C	1.937	1.625	1	1.875	.437	NCFJF		SP 1083
C	1.937	1.625	1	1.875	.437	NCFKF		SP 1084
C	1.937	1.625	3	1.875	.437	BCFKF		SP 1109
C	1.937	1.625	3	1.875	.437	QCFKF		SP 1109-EPR
C	1.937	1.625	3	1.875	.437	VCFKF		SP 1109V
C	1.937	1.625	1	1.875	.437	BCFJF		SP 2122
C	1.937	1.625	1	1.875	.437	BCFKF		SP 2123
C	1.937	1.625	1	1.875	.437	QCFJF		SP 2215
D	2.000	1.000	3	1.875	.375	NCPKF	H	SP 1632
D	2.000	1.000	3	1.937	.437	BCFKF		SP 326
D	2.000	1.031	3	1.875	.437	NCPKF	H	SP 1128
D	2.000	1.062	1	1.750	.365	BCFJF	H	SP 976
D	2.000	1.062	1	1.750	.365	BCFKF	H	SP 977
D	2.000	1.062	1	1.875	.437	BCFJF		SP 381
D	2.000	1.062	1	1.875	.437	BCFKF		SP 383
D	2.000	1.062	3	1.875	.437	VCFJF		SP 381V
D	2.000	1.062	3	1.875	.437	VCFKF		SP 383V
D	2.000	1.062	3	1.875	.437	BCFKF		SP 517
D	2.000	1.062	3	1.875	.437	VCFJF		SP 804
D	2.000	1.062	3	1.875	.437	VCFKF		SP 981
D	2.000	1.062	1	2.000	.437	BCFJF		SP 510
D	2.000	1.062	---	---	---	BCF-F	H	SP 416
D	2.000	1.062	25	2.250	.625	BCFJF	H	SP 416A
E	1.812	1.187	3	1.875	.437	BCFKF		SP 256
E	1.812	1.542	1	1.875	.437	NCPKP		SP 108
E	1.812	1.542	1	1.875	.437	NCPJP		SP 1185
E	1.812	1.625	---	---	---	BCF-F		SP 1015
E	1.812	1.625	1	1.875	.437	BCFKF		SP 137
E	1.812	1.625	3	1.875	.437	VCFKF		SP 137V

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NOTE: B. TAPERED SPRING
 F. SEAT IS SLOTTED
 H. SPRING HOLDER NOT INCLUDED
 I. ABRASION RESISTANT CARBON (P66)



Springer Pumps, LLC

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.250 (1-1/4") SHAFT (continued)								
E	1.812	1.625	1	1.875	.437	VCFKF		SP 137V-CMS
E	1.812	1.625	3	1.875	.437	VCFKF	I	SP 137V-P66
E	1.812	1.625	3	1.875	.437	BCFKF		SP 264
E	1.812	1.625	1	1.875	.437	BCFJF		SP 361
E	1.812	1.625	3	1.875	.437	VCFJF		SP 361V
E	1.812	1.625	1	1.875	.437	VCFJF		SP 361V-CMS
E	1.812	1.625	3	1.875	.437	BCFJF		SP 546
E	1.812	1.625	1	2.000	.437	BCFKF		SP 1186
E	1.812	2.281	3	1.875	.437	BCFJF		SP 2128
E	1.812	2.281	3	1.875	.437	BCFKF		SP 2129
K	1.937	1.625	---	---	---	BCF-F		SP 169
K	1.937	1.625	1	1.875	.437	BC/HFJF		SP 1118
K	1.937	1.625	3	1.875	.437	BCFKF		SP 228
K	1.937	1.625	3	1.875	.437	VCFKF		SP 228V
K	1.937	1.750	1	1.875	.437	BZFZF/BCFJF		SP 7323
K	1.937	1.875	1	1.875	.437	BCFJF		SP 883
K	1.937	1.875	1	1.875	.437	BCFKF		SP 890
K	1.937	2.000	3	2.125	.375	BCFJ/KF		SP 1623
S	2.296	2.218	8	2.125	.281	NAPSP		SP 794
T	1.812	2.375	1	1.875	.437	BCFJF		SP 1187
T	1.812	2.375	3	1.875	.437	NCPKF		SP 308
T	1.812	2.375	3	1.875	.437	BCFJF		SP 2211
U	1.812	1.625	3	1.875	.437	BCF/DKF		SP 394
U	1.812	2.406	1	1.875	.437	BCF/DJF		SP 681
1.375 (1-3/8") SHAFT								
C	2.062	.900	25	2.000	.500	BCFJF		SP 929
C	2.062	1.125	---	---	---	BCF-F		SP 172
C	2.062	1.125	1	2.000	.437	BCFJF		SP 177
C	2.062	1.125	3	2.000	.437	VCFJF		SP 177V
C	2.062	1.125	1	2.000	.437	VCFJF		SP 177V-CMS
C	2.062	1.125	1	2.000	.437	BCFKF		SP 210
C	2.062	1.125	3	2.000	.437	QCFKF		SP 210-EPR
C	2.062	1.125	3	2.000	.437	VCFKF		SP 210V
C	2.062	1.125	1	2.000	.437	VCFKF		SP 210V-CMS
C	2.062	1.125	3	2.000	.437	BCFKF		SP 547
C	2.062	1.125	3	2.000	.437	BCFJF		SP 805
C	2.062	1.156	3	2.125	.406	VCFGF		SP 1062
C	2.062	1.187	1	2.125	.437	BCFKF		SP 467
C	2.062	1.687	1	2.000	.437	BCFKF		SP 1667
C	2.062	1.687	1	2.000	.437	VCFKF		SP 1667V
C	2.062	1.687	1	2.000	.437	BCFJF		SP 2134
C Balanced	2.062	1.437	3	1.875	.437	VCFKF		SP 7695
C Balanced	2.062	1.437	3	1.875	.437	BCFJF		SP 7697
C Balanced	2.062	1.437	3	1.875	.437	BCFKF		SP 7795
D	2.187	1.093	25	2.000	.500	BCDJF		SP 404
D	2.187	1.125	---	---	---	BCD-F		SP 376
D	2.187	1.125	---	---	---	VCD-F		SP 376V
D	2.187	1.125	1	2.000	.437	BCDKF		SP 186
D	2.187	1.125	3	2.000	.437	VCDKF		SP 186V



NOTE:
I. ABRASION RESISTANT CARBON

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.375 (1-3/8") SHAFT (continued)								
D	2.187	1.125	1	2.000	.437	BCDJF		SP 491
D	2.187	1.125	3	2.000	.437	VCDJF		SP 491V
D	2.187	1.125	3	2.000	.437	BCDJF		SP 806
D	2.187	1.125	3	2.000	.437	BCDKF		SP 807
D	2.187	1.125	1	2.000	.437	BCFJF		SP 2045
D	2.187	1.125	1	2.000	.437	BCFKF		SP 2046
D	2.187	1.125	3	2.000	.437	BCFJF		SP 2047
D	2.187	1.125	3	2.000	.437	BCFKF		SP 2048
E	1.875	1.187	3	2.000	.437	BCFKF		SP 257
E	1.875	1.187	3	2.000	.437	VCFKF		SP 257V
E	1.875	1.687	1	2.000	.437	BCFJF		SP 354
E	1.875	1.687	3	2.000	.437	VCFJF		SP 354V
E	1.875	1.687	1	2.000	.437	BCFKF		SP 677
E	1.875	1.687	3	2.000	.437	VCFKF		SP 677V
E	1.875	1.687	3	2.000	.437	BCFKF		SP 809
E	1.875	1.687	3	2.000	.437	BCFJF	E	SP 864
E	1.875	1.687	3	2.000	.437	VCFKF	E	SP 864V
E	1.875	1.687	3	2.000	.437	BCFKF	E	SP 865
E	1.875	1.687	1	2.000	.437	BCFJF	H	SP 2049
E	1.875	1.687	1	2.000	.437	VCFJF		SP 2049V-CMS
E Balanced	1.875	2.000	3	1.875	.437	BCFJF		SP 7702
J	2.125	1.187	1	2.125	.375	BCFJF		SP 291
K	2.062	1.625	---	---	---	BCF-F		SP 209
K	2.062	1.625	1	2.000	.437	BCFJF		SP 495
R	2.187	2.187	1	2.000	.437	BCDJF		SP 178
T	1.875	2.437	1	2.000	.437	BCFJF		SP 725
T	1.875	2.437	1	2.000	.437	BCFKF		SP 726
U	1.875	2.125	1	2.000	.437	BCFKF		SP 561SS
U	1.875	2.125	3	2.000	.437	VCFKF		SP 561V
V	1.937	1.937	25	2.140	.437	BCFJF		SP 1104
1.437 (1-7/16") SHAFT								
C	2.125	1.125	3	2.250	.625	BCFKF		SP 2156
C	2.125	1.250	3	2.250	.375	BCFKF		SP 7105
E	1.937	1.250	3	2.250	.375	BCPKP		SP 1634
E	1.937	1.688	2	2.062	.437	BCFKF		SP 2234
E	1.937	1.688	2	2.062	.437	VCFKF		SP 334V
E	1.937	1.688	3	2.062	.437	BCFJF		SP 705
E	2.110	1.516	3	2.312	.360	NCPGP		SP 943
E	2.110	1.516	3	2.312	.360	VCPGP		SP 943V
1.500 (1-1/2") SHAFT								
C	2.187	1.125	---	---	---	BCF-F		SP 2105
C	2.187	1.125	1	2.125	.437	BCFJF	B/H	SP 347
C	2.187	1.125	1	2.125	.437	VCFJF	B/H	SP 347V-CMS
C	2.187	1.125	1	2.125	.437	BCFKF	B/H	SP 378
C	2.187	1.125	1	2.125	.437	VCFKF	B/H	SP 378V-CMS
C	2.187	1.125	3	2.125	.437	BCFKF		SP 553
C	2.187	1.125	1	2.125	.437	BCFKF		SP 659
C	2.187	1.125	1	2.125	.437	BCFJF		SP 758

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NOTE:

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- E. LOCK COLLAR SOLD SEPARATELY
- H. SPRING HOLDER NOT INCLUDED

SPRINGER PARTS

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.500 (1-1/2") SHAFT (continued)								
C	2.187	1.125	1	2.125	.437	QCFJF		SP 758-EPR
C	2.187	1.125	1	2.125	.437	BZFZF		SP 2209
C	2.187	1.125	1	2.125	.437	BCFJF		SP 2218
C	2.187	1.125	1	2.125	.437	VCFJF		SP 7509
C	2.187	1.125	1	2.125	.437	VCFJF		SP 758V-CMS
C	2.187	1.125	3	2.125	.437	VCFJF		SP 758V
C	2.187	1.125	3	2.125	.437	VCFKF		SP 659V
C	2.187	1.125	1	2.125	.437	VCFKF		SP 659V-CMS
C	2.187	1.125	3	2.125	.437	BCFJF		SP 816
C	2.187	1.125	3	2.125	.437	BZFZF		SP 2217
C	2.187	1.125	3	2.125	.437	VCFZF		SP 2223
C	2.187	1.125	1	2.125	.437	VCFJF	316 SS	SP 7409
C	2.187	1.125	1	2.156	.437	BCFKF	B/H	SP 247
C	2.187	1.125	1	2.156	.437	BCFJF	B/H	SP 682
C	2.187	1.125	1	2.125	.437	BCFKF		SP 1646
C	2.187	1.125	1	2.250	.437	BCFJF		SP 320
C	2.187	1.125	3	2.312	.437	BCFJF		SP 926
C	2.187	1.437	3	2.125	.437	NCFGP		SP 192
C	2.187	1.687	3	2.125	.437	BCFKF		SP 1110
C	2.187	1.687	3	2.125	.437	VCFKF		SP 1110V
C	2.187	1.687	3	2.125	.437	QCFKF	H	SP 2221
D	2.312	1.125	---	---	---	BCF-F		SP 939
D	2.312	1.125	1	2.125	.437	BCFJF		SP 382
D	2.312	1.125	1	2.156	.437	BCFJF		SP 283
D	2.312	1.125	1	2.125	.437	BCFKF		SP 371
D	2.312	1.125	3	2.125	.437	VCFKF		SP 371V
D	2.312	1.125	1	2.125	.437	VCFKF		SP 371V-CMS
D	2.312	1.125	3	2.125	.437	BCFJF		SP 817
D	2.312	1.125	3	2.125	.437	BCFKF	H	SP 534
D	2.375	1.000	3	2.187	.437	NCPGP		SP 599
D	2.375	1.125	28	2.375	.618	VZFZF		SP 7079
E	2.000	1.187	3	2.125	.437	BCFKF		SP 259
E	2.000	1.688	---	---	---	BCF-F		SP 2106
E	2.000	1.688	3	2.000	.437	BCFJF		SP 314
E	2.000	1.688	3	2.000	.437	BCFKF		SP 316
E	2.000	1.688	1	2.125	.437	BCFJF		SP 305
E	2.000	1.688	1	2.125	.437	QCFJF		SP 305-EPR
E	2.000	1.688	1	2.125	.437	BCFKF	H	SP 374
E	2.000	1.688	3	2.125	.437	VCFKF		SP 374V
E	2.000	1.688	3	2.125	.437	VCFJF		SP 305V
E	2.000	1.688	3	2.125	.437	NCFKF		SP 224
E	2.000	1.688	3	2.125	.437	BCFKF		SP 258
E	2.000	1.688	3	2.125	.437	BCFJF		SP 395
E	2.000	1.688	1	2.156	.437	BCFKF		SP 2137
E	2.000	1.688	3	2.125	.500	VCFZF		SP 1646
E	2.000	1.688	3	2.250	.437	BCFJF		SP 515
E	2.000	1.688	1	2.250	.437	BCFJF		SP 2117
E	2.000	1.688	3	2.312	.437	B/VCFJF		SP 1647
E	2.000	1.688	3	2.312	.437	B/VCFKF		SP 1648



NOTE:
B. TAPERED SPRING
H. SPRING HOLDER NOT INCLUDED

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Springer Pumps, LLC

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SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.500 (1-1/2") SHAFT (continued)								
E	2.000	1.688	3	2.312	.437	VCFJF		SP 1651
E	2.000	1.688	3	2.312	.437	VCFKF		SP 1652
E	2.000	2.062	3	2.312	.437	BCFJF		SP 620
E	2.000	2.062	3	2.312	.437	BCFKF		SP 629
E	2.000	2.062	3	2.312	.437	VCFJF		SP 1690
E	2.000	2.062	3	2.312	.437	VCFKF		SP 1691
E	2.000	2.062	3	2.312	.437	VCFZF		SP 1692
K	2.187	1.625	---	---	---	BCF-F		SP 216
K	2.187	1.625	1	2.125	.437	BCFJF		SP 541
K	2.187	1.625	1	2.125	.437	BCFKF		SP 884
R	2.312	1.875	1	2.125	.437	BCFJF		SP 431
R	2.312	1.875	1	2.125	.437	BCFKF		SP 432
T	2.000	2.437	1	2.125	.437	BCFJF		SP 868
1.562 (1-9/16") SHAFT								
E	2.250	1.688	3	2.375	.500	BCDJF		SP 664
E	2.250	1.688	3	2.375	.500	BCDKF		SP 1193
E	2.250	1.688	1	2.375	.500	BCDKF		SP 1194
1.625 (1-5/8") SHAFT								
C	2.500	1.312	25	2.500	.812	VCFJF		SP 7497
C	2.500	1.375	---	---	---	BCF-F		SP 2107
C	2.500	1.375	1	2.375	.500	BCFJF		SP 238
C	2.500	1.375	3	2.375	.500	VCFJF		SP 238V
C	2.500	1.375	1	2.375	.500	VCFJF		SP 238V-CMS
C	2.500	1.375	1	2.375	.500	BCFKF		SP 239
C	2.500	1.375	3	2.375	.500	VCFKF		SP 239V
C	2.500	1.375	1	2.375	.500	VCFKF		SP 239V-CMS
C	2.500	1.375	3	2.375	.500	QCFKF		SP 239-EPR
C	2.500	1.375	3	2.375	.500	BCFKF		SP 544
C	2.500	1.375	3	2.375	.500	BCFJF		SP 818
C	2.500	1.375	3	2.625	.500	BCFKF		SP 1019
C	2.500	1.375	3	2.625	.500	QCFKF	I	SP 2201
C	2.500	1.375	3	2.625	.500	BCFJF		SP 2202
C	2.500	1.375	28	3.544	1.250	BCFKF		SP 1035
C	2.500	1.375	28	3.544	1.250	VCFKF		SP 1039
D	2.718	1.125	3	2.437	.500	NFPGP		SP 331
D	2.718	1.375	1	2.375	.500	BCDKF		SP 461
D	2.718	1.375	3	2.375	.500	VCDKF		SP 461V
D	2.718	1.375	1	2.375	.500	BCDJF		SP 514
D	2.718	1.375	3	2.375	.500	VCDJF		SP 514V
D	2.718	1.375	3	2.375	.500	BCDKF		SP 819
D	2.718	1.375	3	2.375	.500	BCDJF		SP 821
D	2.718	1.375	3	2.375	.500	BCFKF		SP 1697
D	2.718	1.375	3	2.375	.500	BCFJF		SP 1698
D	2.718	1.375	1	2.375	.500	BCFJF		SP 2055
D	2.718	1.375	1	2.375	.500	BCFKF		SP 2056
E	2.250	2.000	1	2.312	.500	BCEJF		SP 346
E	2.250	2.000	1	2.312	.500	BCDKF		SP 484
E	2.250	2.000	1	2.312	.500	BCDJF		SP 609
E	2.250	2.000	1	2.312	.500	VCDJF		SP 609V

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NOTE: I. ABRASION RESISTANT CARBON

Springer Pumps, LLC

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SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.625 (1-5/8") SHAFT (continued)								
E	2.250	2.000	1	2.312	.500	BCPKF		SP 610
E	2.250	2.000	1	2.312	.500	VCPKF		SP 610V
E	2.250	2.000	1	2.375	.500	BCFJF		SP 2057
E	2.250	2.000	1	2.375	.500	BCFKF		SP 2058
E	2.250	2.000	1	2.375	.500	BCDKF		SP 744
E	2.250	2.000	1	2.375	.500	BCDJF		SP 745
E	2.250	2.000	1	2.375	.500	VCDJF		SP 745V-CMS
E	2.250	2.000	3	2.375	.500	VCDKF		SP 744V
E	2.250	2.000	3	2.375	.500	VCDJF		SP 745V
E	2.250	2.000	3	2.375	.500	BCDJF		SP 595
E	2.250	2.000	3	2.375	.500	BCDKF		SP 822
E	2.250	2.000	3	2.375	.500	BCFJF		SP 1683
E	2.250	2.000	3	2.375	.500	BCFKF		SP 1699
K	2.500	2.125	1	2.375	.500	BCFJF		SP 1195
R	2.718	2.125	3	2.375	.500	BCDKF		SP 281
R	2.718	2.125	1	2.375	.500	BCDKF		SP 281-CMS
U	2.250	2.093	3	2.375	.500	BCDKF		SP 458
1.750 (1-3/4") SHAFT								
C	2.625	1.125	---	---	---	BCF-F		SP 1055
C	2.625	1.125	3	2.500	.500	BCFKF		SP 1056
C	2.625	1.125	3	2.500	.500	VCFKF		SP 1056V
C	2.625	1.125	1	2.500	.500	BCFKF		SP 1068
C	2.625	1.125	1	2.500	.500	BCFJF		SP 2212
C	2.625	1.375	---	---	---	BCF-F		SP 2108
C	2.625	1.375	3	2.500	.500	BCFKF		SP 436
C	2.625	1.375	3	2.500	.500	VCFKF		SP 436V
C	2.625	1.375	1	2.500	.500	BCFJF		SP 446
C	2.625	1.375	3	2.500	.500	VCFJF		SP 446V
C	2.625	1.375	1	2.500	.500	VCFJF		SP 446V-CMS
C	2.625	1.375	1	2.500	.500	BCFKF		SP 448
C	2.625	1.375	1	2.500	.500	BCFKF	I	SP 448-P66
C	2.625	1.375	1	2.500	.500	VCFKF		SP 448V-CMS
C	2.625	1.375	3	2.500	.500	BCFJF		SP 550
C	2.625	1.375	1	2.500	.500	BCFZF		SP 2210
C	2.625	1.375	3	2.500	.500	VCFZF		SP 2207
C	2.625	1.375	3	2.625	.500	BCFJF		SP 387
C	2.625	1.375	28	3.544	1.188	BCFKF		SP 1038
C	2.625	2.000	1	2.500	.500	BCFKF		SP 1674
C	2.625	2.000	1	2.500	.500	BCFJF		SP 2135
C	2.625	2.000	1	2.500	.500	BCFJF		SP 2142
C	2.625	2.000	3	2.500	.500	BCFJF		SP 2150
C	2.625	2.000	3	2.500	.500	BCFKF		SP 2151
C	2.625	2.000	3	2.500	.500	VCFKF		SP 2151V
D	2.750	1.375	---	---	---	BCD-F		SP 147
D	2.750	1.375	1	2.500	.500	BCDJF		SP 237
D	2.750	1.375	3	2.500	.500	VCDJF		SP 237V
D	2.750	1.375	1	2.500	.500	BCDKF		SP 288
D	2.750	1.375	3	2.500	.500	VCDKF		SP 288V
D	2.750	1.375	3	2.500	.500	BCDKF		SP 825



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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.750 (1-3/4") SHAFT (continued)								
D	2.750	1.375	3	2.500	.500	BCDJF		SP 826
D	2.750	1.375	1	2.500	.500	BCFJF		SP 2059
D	2.750	1.375	1	2.500	.500	BCFKF		SP 2060
D	2.750	1.375	3	2.500	.500	BCFJF		SP 2061
D	2.750	1.375	3	2.500	.500	BCFKF		SP 2062
E	2.375	1.312	1	2.625	.500	BCFJF		SP 7252
E	2.375	2.000	---	---	---	BCF-F		SP 2109
E	2.375	2.000	3	2.312	.500	BCFJF		SP 1684
E	2.375	2.000	1	2.487	.500	BCFJF		SP 317
E	2.375	2.000	1	2.500	.500	BCFJF		SP 205
E	2.375	2.000	1	2.500	.500	BZFZF		SP 205-TC-TC
E	2.375	2.000	1	2.500	.500	BCFKF		SP 366
E	2.375	2.000	3	2.500	.500	VCFKF		SP 366V
E	2.375	2.000	1	2.500	.500	VCFKF		SP 366V-CMS
E	2.375	2.000	3	2.500	.500	VCFJF		SP 205V
E	2.375	2.000	1	2.500	.500	VCFJF		SP 205V-CMS
E	2.375	2.000	3	2.500	.500	BCFKF		SP 262
E	2.375	2.000	3	2.500	.500	BCFJF		SP 535
E	2.375	2.000	3	2.625	.500	BCFJF		SP 2130
E	2.375	2.000	27	3.000	1.000	BCFJF		SP 1078
E Balanced	2.375	2.375	8	2.187	.437	BCFZF		SP 7701
E Balanced	2.375	2.375	1	2.375	.500	BCFJF		SP 7901
E Balanced	2.375	2.375	3	2.375	.500	BCFKF		SP 2231
E Balanced	2.375	2.375	1	2.375	.500	BCFKF		SP 2231-CMS
E Balanced	2.375	2.375	3	2.375	.500	BCFJF		SP 7774
E Balanced	2.375	2.375	3	2.375	.500	BCFZF		SP 7821
K	2.609	2.125	1	2.500	.500	BCFJF		SP 449
K	2.609	2.125	3	2.500	.500	BCFJ/KF		SP 1142
K	2.609	2.125	1	2.500	.500	BCFKF		SP 1197
R	2.750	2.125	---	---	---	BCD-F		SP 213
R	2.750	2.125	1	2.500	.500	BCDKF		SP 217
T	2.375	2.750	3	2.500	.500	BCFJF		SP 2144
T	2.375	2.875	1	2.500	.500	BCFJF		SP 674
T	2.375	2.875	1	2.500	.500	BCFKF		SP 675
U	2.375	2.250	3	2.375	.500	BCFJF		SP 1070
U	2.375	2.000	3	2.500	.500	BCFKF		SP 2157
U	2.375	2.000	3	2.500	.500	BCFJF		SP 2170
U	2.375	2.000	3	2.500	.500	BCFKF		SP 7090
U	2.375	2.500	1	2.500	.500	BCFKF		SP 555
U	2.375	2.500	1	2.500	.500	BCFKF		SP 555SS
U	2.375	2.500	1	2.500	.500	BCFJF		SP 1042
U	2.375	2.500	3	2.500	.500	BCFJF		SP 519
U	2.375	2.500	3	2.500	.500	BCFKF		SP 1199
1.771 (45MM) SHAFT								
E	2.500	2.125	1	2.625	.500	BCFKF		SP 719
E	2.500	2.125	1	2.625	.500	BCFJF		SP 722
T	2.500	3.000	1	2.625	.500	BCFJF		SP 727
T	2.500	3.000	1	2.625	.500	BCFKF		SP 728

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
1.875 (1-7/8") SHAFT								
C	2.750	1.500	1	2.625	.500	BCFJF		SP 340
C	2.750	1.500	1	2.625	.500	QCFJF		SP 340-EPR
C	2.750	1.500	1	2.625	.500	BCFKF		SP 1608
C	2.750	1.500	3	2.625	.500	BCFKF		SP 312
C	2.750	1.500	3	2.625	.500	BCFJF		SP 2114
D	2.875	1.500	---	---	---	BCD-F		SP 223
D	2.875	1.500	3	2.625	.500	BCDKF		SP 593
D	2.875	1.500	1	2.625	.500	BCDJF		SP 828
D	2.875	1.500	1	2.625	.500	BCDKF		SP 1097
D	3.000	1.500	3	2.750	.500	NCPGP		SP 193
E	2.500	2.062	3	2.625	.500	VCFZF		SP 1661
E	2.500	2.125	---	---	---	BCF-F		SP 2110
E	2.500	2.125	1	2.625	.500	BCFJF		SP 2069
E	2.500	2.125	1	2.625	.500	BCFKF		SP 2070
E	2.500	2.125	1	2.625	.500	BCFJF		SP 523
E	2.500	2.125	1	2.625	.500	BCFKF		SP 513
E	2.500	2.125	3	2.625	.500	VCFKF		SP 513V
E	2.500	2.125	3	2.625	.500	BCFKF		SP 586
E	2.500	2.125	3	2.625	.500	BCFJF		SP 1654
E	2.500	2.125	3	2.625	.500	BCPJF		SP 1656
E	2.500	2.125	3	2.625	.500	BCKPF		SP 1657
E	2.500	2.125	3	2.625	.500	VCFJF		SP 1659
E	2.500	2.125	3	2.625	.500	VCFKF		SP 1660
E	2.500	2.125	3	2.625	.500	BCFJF		SP 2071
E	2.500	2.125	3	2.625	.500	BCFKF		SP 2072
E	2.500	2.125	3	2.687	.500	B/VCFJF		SP 1662
E	2.500	2.125	3	2.687	.500	VCFJF		SP 1662V
E	2.500	2.125	3	2.687	.500	B/VCFKF		SP 1663
E	2.500	2.125	3	2.687	.500	B/VCPJF		SP 1664
E	2.500	2.125	3	2.687	.500	B/VCPKF		SP 1665
E	2.500	2.125	3	2.687	.500	VCFJF		SP 7020
E	2.500	2.437	3	2.687	.500	BCFJF		SP 829
E	2.500	2.437	3	2.687	.500	BCFKF		SP 831
E	2.500	2.437	3	2.687	.500	BCPJF		SP 946
E	2.500	2.437	3	2.687	.500	BCKPF		SP 949
E Balanced	2.500	2.500	3	2.500	.500	BCFJF		SP 7827
E Balanced	2.500	2.500	3	2.500	.500	BCFKF		SP 7884
K	2.750	1.750	1	2.625	.500	BCFJF		SP 2237
K	2.750	2.125	1	2.625	.500	BCFKF		SP 7352
K	2.750	3.000	1	2.625	.500	BCFKF		SP 1693
K	2.750	3.000	1	2.625	.500	BCFJF		SP 318
T	2.500	3.000	1	2.625	.500	BCFJF		SP 742
T	2.500	3.000	1	2.625	.500	BCFKF		SP 743
T	2.500	3.000	3	2.687	.500	VCFJF		SP 1653
U	2.500	2.437	3	2.500	.500	BCFJF		SP 898
V	2.500	2.000	3	2.625	.437	BMFJF		SP 2146
V	2.500	2.000	1	2.625	.500	BMFJF		SP 1108
V	2.500	2.000	25	2.640	.406	BMFJF		SP 1105

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
2.000 (2") SHAFT								
C	2.843	1.062	3	3.000	.312	BCFKF		SP 582
C	2.875	1.250	1	2.750	.500	BCFKF		SP 1028
C	2.875	1.250	1	2.750	.500	BCFJF		SP 2139
C	2.875	1.500	---	---	---	BCF-F		SP 2111
C	2.875	1.500	1	2.750	.500	BCFJF		SP 267
C	2.875	1.500	1	2.750	.500	VCFJF		SP 267V-CMS
C	2.875	1.500	3	2.750	.500	VCFJF		SP 267V
C	2.875	1.500	3	2.750	.500	BCFKF		SP 332
C	2.875	1.500	3	2.750	.500	BCFJF		SP 532
C	2.875	1.500	1	2.750	.500	BCFKF		SP 842
C	2.875	1.500	1	2.750	.500	BCFKF	I	SP 842-P66
C	2.875	1.500	3	2.750	.500	VCFKF		SP 1145
C	2.875	1.500	1	2.750	.500	BZFZF		SP 2219
C	2.875	1.500	3	3.000	.500	BCFKF		SP 1020
C	2.875	1.500	28	4.330	1.060	BCFKF		SP 1037
C	2.875	1.500	28	4.330	1.060	VCFKF		SP 1037V
C	2.875	2.125	1	2.750	.500	BCFKF		SP 1017
C	2.875	2.125	1	2.750	.500	BCFJF		SP 2133
D	3.000	1.500	---	---	---	BCD-F		SP 196
D	3.000	1.500	1	2.625	.500	BCDKF		SP 876
D	3.000	1.500	1	2.750	.500	BCFJF		SP 2073
D	3.000	1.500	1	2.750	.500	BCDJF		SP 445
D	3.000	1.500	3	2.750	.500	VCDJF		SP 445V
D	3.000	1.500	1	2.750	.500	VCDJF		SP 445V-CMS
D	3.000	1.500	1	2.750	.500	BCDKF		SP 462
D	3.000	1.500	3	2.750	.500	VCDKF		SP 462V
D	3.000	1.500	3	2.750	.500	BCDKF		SP 832
D	3.000	1.500	3	2.750	.500	BCDJF		SP 833
D	3.000	1.500	3	2.750	.500	BCFJF		SP 2075
D	3.000	1.500	3	2.750	.500	BCFKF		SP 2076
D	3.093	1.125	3	2.812	.500	NCPGP		SP 333
E	2.625	2.125	1	2.625	.500	BCFKF		SP 1609
E	2.625	2.125	1	2.687	.500	BCFJF		SP 319
E	2.625	2.125	1	2.687	.500	BCFKF		SP 478
E	2.625	2.125	3	2.750	.500	NCPKP		SP 342
E	2.625	2.125	3	2.750	.500	BCFKF		SP 477
E	2.625	2.125	3	2.750	.500	VCFKF		SP 477V
E	2.625	2.125	1	2.750	.500	BCFJF		SP 479
E	2.625	2.125	3	2.750	.500	BCFJF		SP 530
E	2.625	2.125	1	2.750	.500	BCFKF		SP 843
E Balanced	2.625	2.500	1	2.625	.500	BCFJF		SP 7910
E Balanced	2.625	2.500	3	2.625	.500	VCFKF		SP 7890
E Balanced	2.625	2.500	3	2.625	.500	BCFKF		SP 7892
K	2.859	2.125	3	2.750	.500	BCFKF		SP 1040
K	2.875	2.125	1	2.750	.500	BCFJF		SP 2143
R	3.000	2.125	1	2.750	.500	BCDKF		SP 658
R	3.000	2.125	1	2.750	.500	BCDJF		SP 1610
U	2.625	2.000	3	2.750	.500	BCFKF		SP 385A
U	2.625	2.000	3	2.750	.500	BCFKF		SP 385ASS
U	2.625	2.218	3	2.750	.500	BCFKF		SP 456

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NOTE: I. ABRASION RESISTANT CARBON

Springer Pumps, LLC

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
2.062 (2-1/16") SHAFT								
E	2.812	2.375	3	2.875	.562	BCDKF		SP 707
2.125 (2-1/8") SHAFT								
C	3.000	1.687	3	3.000	.562	BCFJF		SP 338
C	3.000	1.687	1	3.000	.562	BCFKF		SP 543
C	3.000	1.687	3	3.000	.562	VCFKF		SP 543V
C	3.000	1.687	1	3.000	.562	BCFJF		SP 844
C	3.000	1.687	3	2.875	.562	BCFJF		SP 854
C	3.000	1.687	3	2.875	.562	BCFKF		SP 855
C	3.000	1.687	3	3.000	.562	B/VCFKF	F	SP 1057
D	3.250	1.687	1	3.000	.562	BCFJF		SP 1686
D	3.250	1.687	1	3.000	.562	BCFKF		SP 1687
D	3.250	1.687	3	3.000	.562	BCFJF		SP 2093
E	2.812	2.375	3	2.812	.437	BCFJF		SP 611
E	2.812	2.250	3	2.812	.437	BCFKF		SP 1612
E	2.812	2.250	3	2.812	.437	VCFKF		SP 1612V
E	2.812	2.375	3	2.875	.562	BCFJF	E	SP 856
E	2.812	2.375	3	2.875	.562	BCFKF	E	SP 857
E	2.812	2.375	3	3.000	.562	BCFJF		SP 327
E	2.812	2.375	1	3.000	.562	BCFKF		SP 353
E	2.812	2.375	1	3.000	.562	BCFJF		SP 537
E	2.812	2.375	3	3.000	.562	BCFKF		SP 2086
K	3.000	2.125	1	3.000	.562	BCFJF		SP 887
T	2.812	3.375	3	3.000	.562	BCFJF		SP 2126
U	2.812	2.812	1	3.000	.562	BCFKF		SP 556
V	2.750	1.625	25	3.187	.875	BCFJF		SP 1107
V	2.750	2.562	3	3.140	.562	BCFJF		SP 1102
2.250 (2-1/4") SHAFT								
C	3.125	1.437	1	3.125	.562	BCFJF		SP 1087
C	3.125	1.688	3	3.125	.562	BCFKF		SP 1676
C	3.125	1.688	3	3.125	.562	VCFKF		SP 1676V
C	3.125	1.688	3	3.125	.562	BCFJF		SP 1678
C	3.125	1.688	1	3.125	.562	BCFJF		SP 1679
C	3.125	1.688	1	3.125	.562	BCFKF		SP 1680
C	3.125	2.375	1	3.125	.562	BCFJF		SP 3537
D	3.375	1.688	---	---	---	BCD-F		SP 942
D	3.375	1.688	3	3.125	.562	BCDJF		SP 846
D	3.375	1.688	3	3.125	.562	BCDKF		SP 847
D	3.375	1.688	1	3.125	.562	BCDJF		SP 874
D	3.375	1.688	1	3.125	.562	BCDKF		SP 941
D	3.375	1.688	3	3.125	.562	VCDKF		SP 941V
D	3.375	1.688	1	3.125	.562	BCFJF		SP 2087
D	3.375	1.688	1	3.125	.562	BCFKF		SP 2088
D	3.375	1.688	3	3.125	.562	BCFJF		SP 2089
D	3.375	1.688	3	3.125	.562	BCFKF		SP 2090
E	2.938	2.375	1	3.125	.562	BCDJF		SP 323
E	2.938	2.375	1	3.125	.562	BCDKF		SP 351
E	2.938	2.375	3	3.125	.562	VCDKF		SP 351V
E	2.938	2.375	3	3.125	.562	BCDJF		SP 848
E	2.938	2.375	3	3.125	.562	BCDKF		SP 849



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NOTE:
E. LOCK COLLAR SOLD SEPARATELY
F. SEAT IS SLOTTED

Springer Pumps, LLC

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DIMENSIONAL CROSS REFERENCE BY SHAFT SIZE

SEAL HEAD			SEAT			Material Code	NOTES	SPLLC Part No.
Fig.	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
2.250 (2-1/4") SHAFT (continued)								
E	2.938	2.375	3	3.125	.562	BCFJF		SP 1688
E	2.938	2.375	1	3.125	.562	BCFJF		SP 2091
E	2.938	2.375	1	3.125	.562	BCFKF		SP 2092
E	2.938	2.375	3	3.125	.562	BCFKF		SP 2094
E Balanced	2.937	2.750	3	3.000	.562	BCFZF		SP 7749
T	2.938	3.375	3	3.125	.562	BCDJF		SP 2132
2.375 (2-3/8") SHAFT								
C	3.219	1.813	3	3.250	.562	BCFJF		SP 268
C	3.219	1.813	3	3.250	.562	BCFKF		SP 492
C	3.219	1.813	3	3.250	.562	BCFKF	I	SP 492-P66
C	3.219	1.813	28	5.118	1.060	BCFKF		SP 1677
D	3.500	1.812	3	3.250	.562	BCDKF		SP 594
D	3.500	1.812	3	3.250	.562	BCDJF		SP 834
D	3.500	1.812	3	3.250	.562	BCFKF		SP 2095
E	3.062	2.500	3	3.250	.562	BCFJF		SP 278
E	3.062	2.500	3	3.250	.562	BCFKF		SP 350
E	3.062	2.500	3	3.250	.562	BCFJF		SP 2097
E	3.062	2.500	3	3.250	.562	VCFKF		SP 2098V
K	3.219	2.125	3	3.250	.562	BCFKF		SP 1041
K	3.219	2.125	3	3.250	.562	BCFJF		SP 1694
2.500 (2-1/2") SHAFT								
C	3.344	1.813	1	3.375	.562	BCFJF		SP 2120
C	3.344	1.813	3	3.375	.562	BCFJF		SP 269
C	3.344	1.813	3	3.375	.562	BCFKF	E	SP 853
D	3.625	1.813	3	3.250	.437	BCDJF		SP 468
D	3.625	1.813	3	3.250	.437	BCDKF		SP 469
D	3.625	1.813	3	3.375	.562	BCDKF		SP 463
D	3.625	1.813	3	3.375	.562	VCDKF		SP 463V
D	3.625	1.813	3	3.375	.562	BCDJF		SP 835
D	3.718	1.250	3	3.375	.562	NCPGP		SP 335
E	3.187	2.500	3	3.375	.562	BCFJF		SP 279
E	3.187	2.500	3	3.375	.562	BCFKF		SP 349
E	3.187	2.500	3	3.375	.562	VCFKF		SP 349V
E	3.187	2.500	3	3.375	.562	BCFKF	I	SP 2205
K	3.344	2.125	1	3.375	.562	BCFJF		SP 2158
K	3.344	2.125	3	3.375	.562	BCFJF		SP 1613
K	3.344	2.125	3	3.375	.562	BCFKF		SP 1695
V	3.187	2.375	3	3.500	.562	BCFJF		SP 2147
2.625 (2-5/8") SHAFT								
E	3.375	2.750	3	3.375	.625	BCFJF		SP 328
E	3.375	2.750	3	3.375	.625	BCFKF	E	SP 542
E Balanced	3.380	3.125	3	3.400	.562	BCFJF		SP 7703
E Balanced	3.380	3.125	3	3.400	.562	BCFZF		SP 7773
E Balanced	3.380	3.125	3	3.400	.562	BCFKF		SP 7927
2.750 (2-3/4") SHAFT								
C	3.750	1.125	3	3.500	.625	BCFJF		SP 2154
C	3.750	1.937	3	3.500	.625	BCFKF		SP 483
C	3.750	1.937	3	3.500	.625	BCFJF		SP 836

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NOTE:
E. LOCK COLLAR SOLD SEPARATELY
I. ABRASION RESISTANT CARBON

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DIMENSIONAL CROSS-REFERENCE BY SHAFT SIZE

Fig.	SEAL HEAD		SEAT			Material Code	NOTES	SPLLC Part No.
	O.D.	Oper.Ht.	Fig.	O.D.	Thick.			
2.750 (2-3/4") SHAFT (continued)								
D	4.000	1.937	3	3.500	.625	BCFKF		SP 464
D	4.000	1.937	3	3.500	.625	BCFJF		SP 837
E	3.500	2.750	3	3.500	.625	BCFKF		SP 321
E	3.500	2.750	3	3.500	.625	BCFJF		SP 838
K	3.750	2.500	3	3.500	.625	BCFJF		SP 2148
K	3.750	3.750	3	3.500	.625	BCFKF		SP 322
K	3.750	3.750	1	3.500	.625	BCFKF		SP 322-CMS
2.875 (2-7/8") SHAFT								
C	3.718	2.062	3	3.750	.625	BCFJF		SP 270
E	3.625	2.875	3	3.750	.625	BCFJF		SP 329
E	3.625	2.875	3	3.750	.625	BCFKF		SP 841
3.000 (3") SHAFT								
C	4.000	1.125	3	3.875	.625	BCFJF		SP 2153
C	4.000	2.062	3	3.875	.625	BCFKF		SP 2115
C	4.000	2.062	3	3.875	.625	BCFJF		SP 2116
C	4.062	1.312	3	3.875	.625	BCFJF	B	SP 1088
D	4.250	2.062	3	3.875	.625	BCDKF		SP 465
D	4.250	2.062	3	3.875	.625	BCDJF		SP 761
E	3.750	2.813	3	3.875	.625	BCDJF		SP 324
E	3.750	2.813	3	3.875	.625	BCDKF		SP 475
K	4.000	2.500	3	3.875	.625	BCFKF		SP 2141
V	3.750	2.750	3	4.000	.500	BCFJF		SP 7215
3.125 (3-1/8") SHAFT								
V	3.875	3.062	3	4.750	.781	BCFJF		SP 1069
3.250 (3-1/4") SHAFT								
E	4.125	3.125	3	4.125	.781	BCDJF	E	SP 330
U	4.125	3.032	3	4.125	.781	BCFKF		SP 325
3.750 (3-3/4") SHAFT								
C	4.875	2.312	3	4.625	.781	BCFJF		SP 272
4.000 (4") SHAFT								
E Balanced	4.880	3.750	3	4.600	.781	BCFJF		SP 7853
5.000 (5") SHAFT								
K	6.375	3.781	3	6.000	.781	BCFKF		SP 2140

NOTES

- | | |
|--------------------------------|------------------------------------|
| A. MOUNTS ON SHAFT | G. MOUNTS IN PLASTIC |
| B. TAPERED SPRING | H. SPRING HOLDER NOT INCLUDED |
| E. LOCK COLLAR SOLD SEPARATELY | I. ABRASION RESISTANT CARBON (P60) |
| F. SEAT IS SLOTTED | |

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