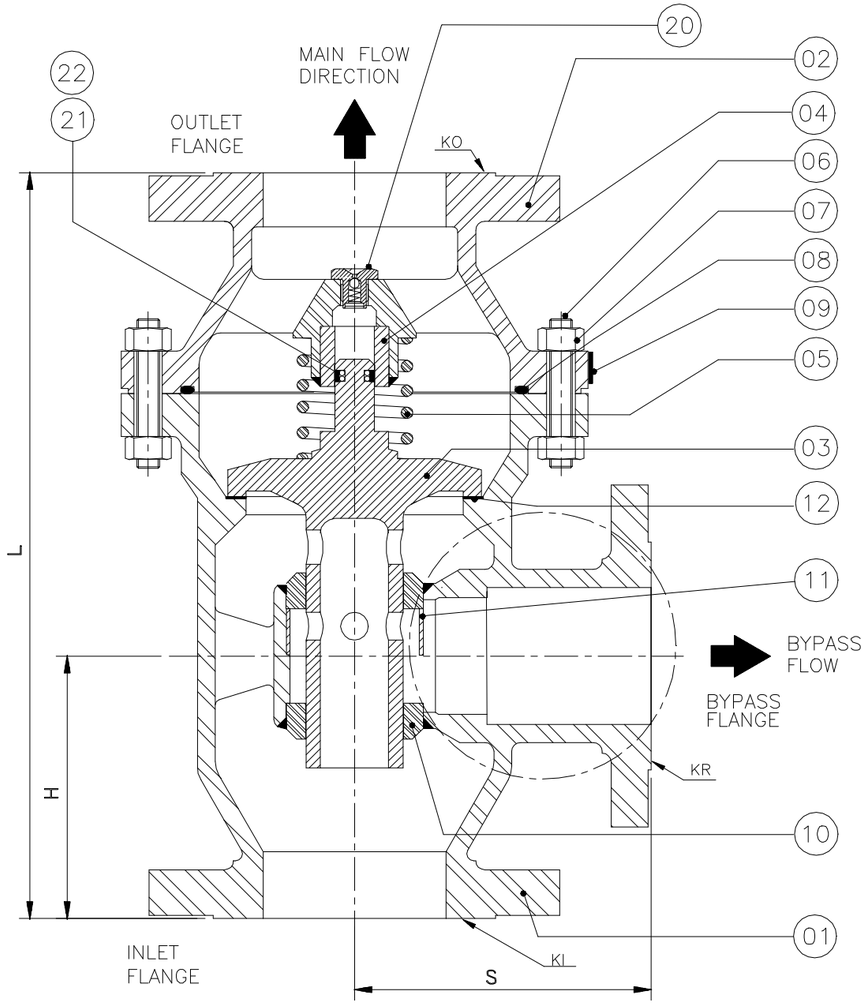

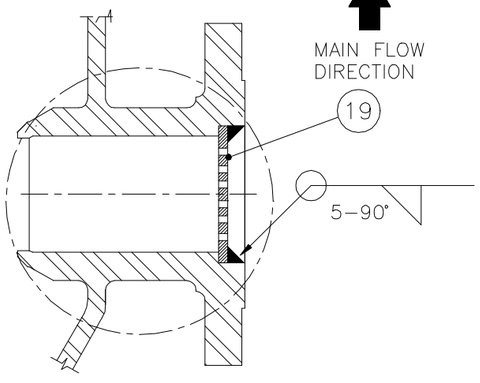

ACCESSORY
ORIFICE
SEE NOTE 4

ITEM	QTY.	DESCRIPTION	MATERIALS	SPECIFICATION
1	01	BODY	SEE NOTE –2	-----
2	01	BONNET	SEE NOTE –2	-----
3	01	DISC OBT.	ST. ST.	CF8
4	01	SLIDE RING	ST. ST.	17–4PH
5 ◢	01	SPRING	ST. ST.	AISI 302
6	(3)	STUD BOLT	CARBON STEEL	ASTM A 193 B7
7	(3)	NUT	CARBON STEEL	ASTM A 194 2H
8 ◢	01	" O " RING	SEE NOTE –10	-----
9	01	NAME PLATE	ST. ST.	AISI 304
10	01	BY–PASS RING	ST. ST.	17–4PH
11	01	LOWER SLIDE RING	ST. ST.	17–4PH
12	01	SEAT	ST. ST. DEPOSIT.	AWS E 316 L
19	01	ORIFICE	ST. ST.	AISI 304
20 ◢	01	DAMPENING VALVE	ST. ST.	-----
21 ◢	02	PRESSURE RING	SEE NOTE –10	-----
22 ◢	01	SLIDE RING	TEFLON	AISI 304

NOTES:

1– ◢ RECOMMENDED SPARE PARTS.
2– BODY AND BONNET MATERIALS
☐ CARBON STEEL – ASTM A 216 WCB ☐ _____
☐ STAINLESS STEEL – ASTM A 351 CF8M
3– QUANTITY DEPENDS ON VALVE SIZE
4– ACCESSORY:
☐ BPR VALVE ☐ ORIFICE, IN BYPASS LINE
☐ ORIFICE, ITEM 19 ☐ NONE
5– DIMENSIONS: L= _____ H= _____ S= _____ ☐ inch ☐ mm
6– FLANGE CONNECTIONS IN ACCORDENCE WITH ☐ ANSI B 16.5 – _____ # ☐ DIN _____
7– SIZE: KI & KO = _____ KR = _____
8– WEIGHT : _____ ☐ Lbs ☐ Kg
9– TRIM _____, MAIN _____, REC _____, ☐ Cv ☐ Kv
10– ☐ EPR ☐ VITON ☐ TEFLON ☐ BUNA–N ☐ _____
11–INSTALLATION : ☐ VERTICAL ☐ HORIZONTAL
12– TOLERANCES ± 1/16" (1.6mm)

CUSTOMER: _____
PURCHASE ORDER #: _____
HBE REFERENCE #: _____
DATE: _____
MODEL: _____
TAG #: _____

LETTER	DONE / DATE	APPROVED	REVISION

HBE ENGINEERING INC.

AUTO RECIRCULATION VALVE
SIZE 3" TO 14"

MAT.	HEAT TREAT.
SEE TABLE	* * * * *

DRAW BY	CHECKED BY	APPROVED BY	DATE	SCALE
				NONE

SHEET	DWG REF.	DWG #:	REV.
1 OF 1		.	