



| ITEM | QTY. | DESCRIPTION | MATERIALS | SPECIFICATION |
|------|------|------------------|------------------|---------------------------|
| 1 | 01 | BODY | SEE NOTE -2 | ----- |
| 2 | 01 | O-RING | SEE NOTE -9 | ----- |
| 3 | 01 | DISC | ST. ST. | AISI 304 -SURFACE TREATED |
| 4 | 01 | UPPER GUIDE | SEE NOTE -2 | |
| 5 | 01 | UPPER SLEEVE | ST. ST. | 17-4PH |
| 6 | 01 | SPRING | ST. ST. | AISI 302 |
| 7 | 02 | DAMPENING VALVE | ST.ST. | ----- |
| 8 | 01 | PRESSURE RING | SEE NOTE -9 | ASTM A 194 2H |
| 9 | 01 | SLIDE RING | TEFLON | ----- |
| 10 | 01 | NAME PLATE | ST. ST. | AISI 304 |
| 11 | 01 | PISTON | ST. ST. | AISI 304 -SURFACE TREATED |
| 12 | 01 | BYPASS RING | ST. ST. | 17-4PH |
| 13 | 01 | LOWER SLIDE RING | ST. ST. | 17-4PH |
| 14 | 01 | DISC GUIDE | ST. ST. | AISI 304 -SURFACE TREATED |
| 15 | 01 | SEAT | ST. ST. DEPOSIT. | AWS E 316 L |
| 22 | 01 | ORIFICE | ST. ST. | 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- ACCESSORY:
 - BPR VALVE
 - ORIFICE, ITEM 22
 - ORIFICE RESTRICTION, IN BYPASS LINE
 - NONE
- 4- DIMENSIONS: L= _____ H= _____ S= _____ inch mm
- 5- FLANGE CONNECTIONS IN ACCORDANCE WITH ANSI B16.5 _____ #RF
- 6- SIZE: KI & KO = _____ KR = _____
- 7- WEIGHT : _____ Lbs Kg
- 8- TRIM _____, MAIN _____, REC _____, Cv Kv
- 9- EPR VITON TEFLON BUNA-N _____
- 10- INSTALLATION : VERTICAL HORIZONTAL
- 11- TOLERANCES ± 1/16" (1.6mm)

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

| LETTER | | | | | DRAWN | | | | | CHECKED | | | | | APPROVED | | | | | DATE | | | | |
|-----------------------------|------|----------|----------|------|----------|------|----|------|----|--|----|------|----|------|----------|------|----|------|----|------|--|--|--|--|
| DATE | DONE | APPROVED | REVISION | DATE | BY | DATE | BY | DATE | BY | DATE | BY | DATE | BY | DATE | BY | DATE | BY | DATE | BY | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| HBE ENGINEERING INC. | | | | | | | | | | AUTO RECIRCULATION VALVE SIZE 3" TO 10" | | | | | | | | | | | | | | |
| MAT. SEE TABLE | | | | | | | | | | HEAT TREAT. ***** | | | | | | | | | | | | | | |
| SHEET 1 OF 1 | | | | | DWG REF. | | | | | DWG NR. | | | | | REV. | | | | | | | | | |