



| SIZE  | A   | B   | C   | D   | E      |           | H | L     | T     | TORQUE      |     |      |       |
|-------|-----|-----|-----|-----|--------|-----------|---|-------|-------|-------------|-----|------|-------|
|       |     |     |     |     | P.C.D. | HOLE NOS. |   |       |       | inch-pounds | N-m |      |       |
| 25NB  | 127 | 25  | 51  | 108 | 79.5   | 16        | 4 | 111.2 | 106.5 | 160         | 3.5 | 100  | 11.3  |
| 40NB  | 165 | 40  | 73  | 127 | 98.5   | 16        | 4 | 14.2  | 114   | 160         | 3.5 | 120  | 13.55 |
| 50NB  | 178 | 50  | 92  | 152 | 121    | 19        | 4 | 16    | 137   | 210         | 4   | 240  | 27.11 |
| 80NB  | 203 | 75  | 127 | 191 | 152    | 19        | 4 | 19    | 151   | 210         | 4   | 690  | 78    |
| 100NB | 229 | 100 | 157 | 229 | 190    | 19        | 8 | 24    | 193   | 315         | 4   | 1100 | 124.3 |

NOTE:-

ALL DIMENSION ARE IN mm

DESIGN STANDARD BS-5351

FACE TO FACE DIMENSION AS PER ANSI.B16.10

FLANGE CONNECTION AS PER ANSI B16.5 # 150 RF

TEMPERATURE RESISTANCE PFA-200°C & FEP-180°C

TORQUE AT 10 kg/cm<sup>2</sup>

| PRESSURE RATING |                       | SPARK TEST            |           |
|-----------------|-----------------------|-----------------------|-----------|
| CLASS-150       | BODY                  | SEAT                  | 15 KVA DC |
|                 | 30 kg/cm <sup>2</sup> | 22 kg/cm <sup>2</sup> |           |

|    |                 |                      |     |
|----|-----------------|----------------------|-----|
| 11 | HANDLE          | GC                   | 01  |
| 10 | BOLT,NUT,WASHER | MS/SS                | 04  |
| 09 | BOLT & WASHER   | MS/SS                | 01  |
| 08 | BOLT & WASHER   | MS/SS                | 04  |
| 07 | TOP PLATE       | GC/CS/SS             | 01  |
| 06 | GLAND BUSH      | GC/CS/SS             | 01  |
| 05 | GLAND PACKING   | PTFE                 | 06  |
| 04 | TRUNION BALL    | CS/SS WITH LINING    | 01  |
| 03 | BALL SEAT       | PTFE                 | 02  |
| 02 | ADOPTER 2       | GC/CS/SS WITH LINING | 01  |
| 01 | ADOPTER 1       | GC/CS/SS WITH LINING | 01  |
| NO | DESCRIPTION     | MATERIAL             | QTY |

**KNS** 2PC BALL VALVE FB #150 F/END

|          |     |           |                                |
|----------|-----|-----------|--------------------------------|
| DRN.BY   | HBP | 1/1/10/07 | DRG. NO. :- KNS/ZLBV-FB/0809-1 |
| CHECK BY | SJM | 1/1/10/07 |                                |
| APPD.BY  | JKS | 1/1/10/07 |                                |
| SCALE    | NTS |           |                                |

**KNS Lined Products Pvt Ltd**

