



| SIZE | A | B | C | D | E | | F | H | L | T | TORQUE | | |
|-------|-----|-----|-----|-----|--------|-----------|---|------|-------|-----|-------------|------|-------|
| | | | | | P.C.D. | HOLE NOS. | | | | | inch-pounds | N-m | |
| 25NB | 127 | 25 | 51 | 108 | 79.5 | 16 | 4 | 11.2 | 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/cm²

| PRESSURE RATING | | SEAT | SPARK TEST |
|-----------------|-----------------------|-----------------------|------------|
| CLASS-150 | BODY | | |
| | 30 kg/cm ² | 22 kg/cm ² | 15 kVA |

| | | | |
|----|-----------------|----------------------|-----|
| 11 | HANDLE | DI | 01 |
| 10 | BOLT,NUT,WASHER | SS | 04 |
| 09 | BOLT & WASHER | SS | 01 |
| 08 | BOLT & WASHER | SS | 04 |
| 07 | GLAND PUSHER | DI/CS/SS | 01 |
| 06 | GLAND BUSH | DI/CS/SS | 01 |
| 05 | GLAND RING | PTFE | 06 |
| 04 | BALL WITH STEM | WCB/SS WITH LINING | 01 |
| 03 | BALL SEAT | PTFE | 02 |
| 02 | ADOPTER 2 | DI/CS/SS WITH LINING | 01 |
| 01 | ADOPTER 1 | DI/CS/SS WITH LINING | 01 |
| NO | DESCRIPTION | MATERIAL | QTY |

KNS 2PC BALL VALVE FB #150 F/END



SIGN DATE

DRN.BY HBP

1/1/107

DRG. NO. :- KNS/2LBV-FB/0809-1

CHECK BY SJM

1/1/107

APPD.BY JKS

1/1/107

SCALE NTS

KNS Lined Products Pvt Ltd

