



Hidroten 11000 series is a range of bi directional (11D) and uni directional ball valves for manual or actuation use. The range covers from 1/2" to 6" with valves available with lever or actuation bracket and drive adapter. The valves offer full flow and can be supplied with a variety of ends and can be supplied as EPDM or Viton.



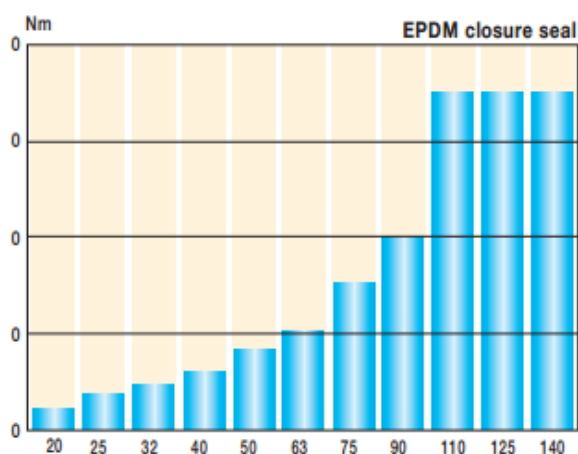
Specifications:

- | | |
|---|---|
| 1 | Body: PVC |
| 2 | Seal: EPDM or Viton |
| 3 | O Ring: NBR or Viton |
| 4 | Imperial End, Metric ends as plain, BSP or flanged. |
| 5 | Bi Directional or Uni Directional—Full bore |
| 6 | Lockable Handle |
| 7 | Available with Electric or Pneumatic Actuator |
| 8 | From 1/2" (15mm) up to 6" (150mm) |

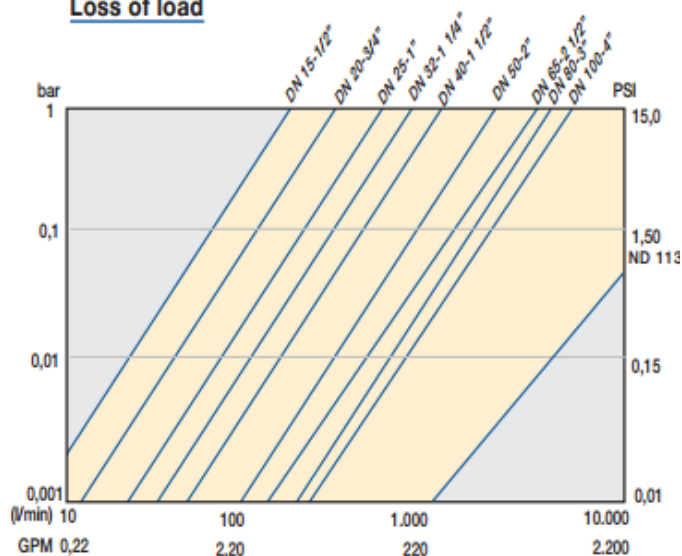
Nominal Pressure:

Ø 20 to 63	PN = 16 bar.	232 psi
Ø 75 to 140	PN = 10 bar.	145 psi

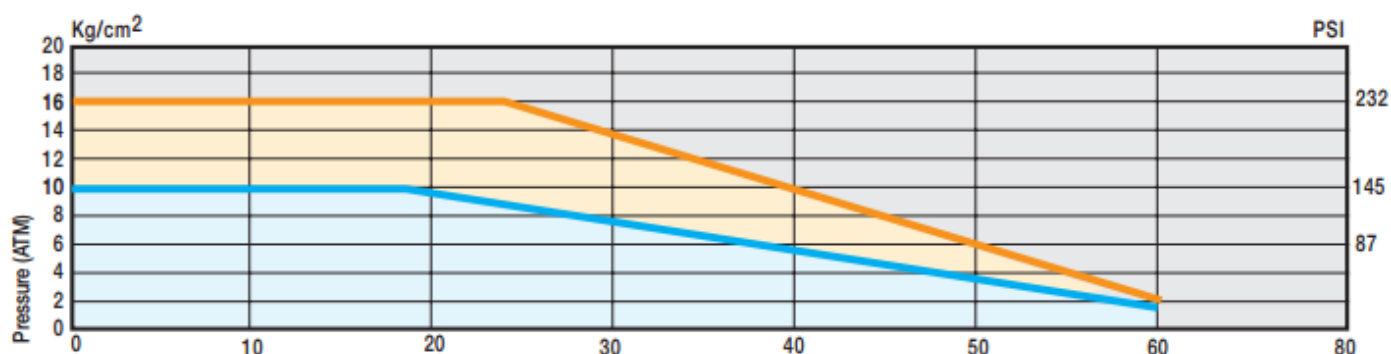
Torque at maximum pressure of service



Loss of load



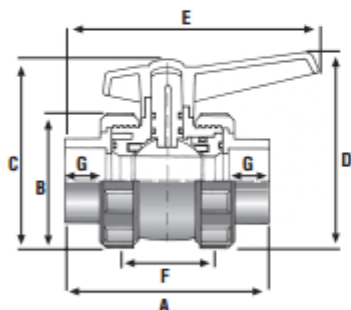
Pressure/ Temperature





Basic System Valves

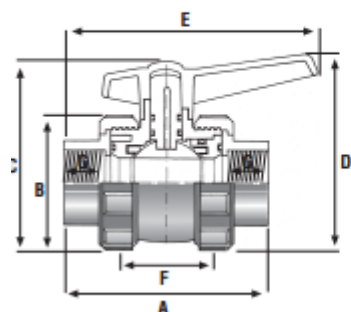
Range:



SOLVENT SOCKET OUTLET.

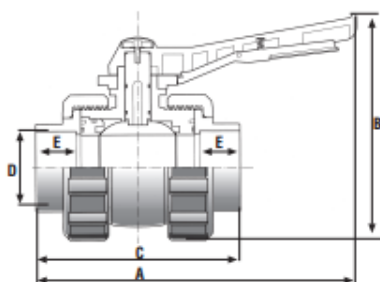
PE SEALS CODE	PTFE CODE	VITON CODE	Ø PIPE	N.D.	WEIGHT GRS/UNIT	A	B	C	D	E	F	G
11074	11150	11474	20	15	148	86	51	77	74	88	44	16
11075	11151	11475	25	20	186	94	58	83	80	94	49	19
11076	11152	11476	32	25	312	122	68	101	103	138	66	23
11077	11153	11477	40	32	538	131	84	120	125	160	71	25
11078	11154	11478	50	40	782	150	99	133	138	170	75	31
11079	11155	11479	63	50	1.218	177	116	166	172	207	89	38
11010	11156	11030	75	50	1.342	194	116	166	172	216	89	45
11080	11157	11480	75	65	2.640	216	150	205	215	263	119	45
11011	11158	11031	90	65	2.810	240	150	205	215	274	119	55
11081	11194	11481	90	80	4.210	257	178	231	251	280	140	51
11012	11195	11032	110	80	4.455	286	178	231	251	296	140	61
11682	11196	11262	110	100	6.040	300	210	285	307	426	155	61
11685	11197	11265	125	100	6.240	312	210	285	307	431	155	71
11686	11198	11266	140	100	6.560	326	210	285	307	439	155	77

FEMALE THREADED OUTLET.



PE SEALS CODE	PTFE CODE	VITON CODE	Ø PIPE	N.D.	WEIGHT GRS/UNIT	A	B	C	D	E	F	G
11092	11140	11492	1/2"	15	154	88	51	77	74	88	44	17
11093	11141	11493	3/4"	20	194	99	58	83	80	94	49	20
11094	11142	11494	1"	25	315	122	68	101	103	138	66	23
11095	11143	11495	1 1/4"	32	540	131	84	120	125	160	71	26
11096	11144	11496	1 1/2"	40	816	155	99	133	138	170	75	33
11097	11145	11497	2"	50	1.304	180	116	166	177	207	89	39
11098	11146	11498	2 1/2"	65	2.700	202	150	205	215	260	119	33
11099	11147	11499	3"	80	4.340	232	178	231	251	271	140	36
11692	11148	11272	4"	100	5.840	267	210	285	307	399	155	42

CATCH HANDLE System valves



SOLVENT SOCKET.

PE SEALS CODE	PTFE CODE	VITON CODE	Ø PIPE	N.D.	WEIGHT GRS/UNIT	A	B	C	E
11640	11760	11660	75	65	3.080	341	250	216	44
11641	11761	11661	90	80	4.694	369	271	257	51
11642	11762	11662	110	100	5.300	385	287	300	61
—	11763	11667	125	113	7.745	439	326	322	71
Reduced nominal diameter Ø									
11643	11764	11663	90	65	3.287	342	250	240	51
11644	11765	11664	110	80	4.935	381	272	286	61
11645	11766	11665	125	100	5.760	391	287	312	71
11646	11767	11666	140	100	6.820	398	287	326	77
—	11768	11668	140	113	7.900	439	326	322	61