

APPLICATION

ON-Off valve for Building Services CHW and LTHW [50°C]. Particularly suited for Riser Connection application.

SPECIFICATION

- Working Pressure:** PN40
- Working Temperature:** 0°C to 50°C A105 [PTFE]
- Size Range:** DN15—DN100 larger sizes up to DN200 on request
- Connections:** Flanges UNI-EN 1092 and DIN2501 BL.1. Metric Drilling
- PN16, PN25 & PN40 DN15-80
 - PN25 & PN40 DN100
- Standard:** BS and ISO 17292:2004
- Features:**
- Patented cone-shaped upper sealing system
 - Stem anti blow out with anti-static device
 - Seal triple patented stem-packing with labyrinth effect and automatic adjustment by Belleville washers
 - Upper connection ISO 5211
 - Operator Lever, black
- Material:**
- Body from bar & Ringnut ASTM A105
 - Ball AISI 316/AISI 304
 - Stem, Gland Washer, Stop & Fixing Nut Plate AISI 304
 - Seat, Side Sealing Ring, Upper Sealing Ring & Couple PTFE
 - Stem O-ring Viton
 - Stem Retaining Nut, Locking Nut, Lever & Stop Crew C.S.

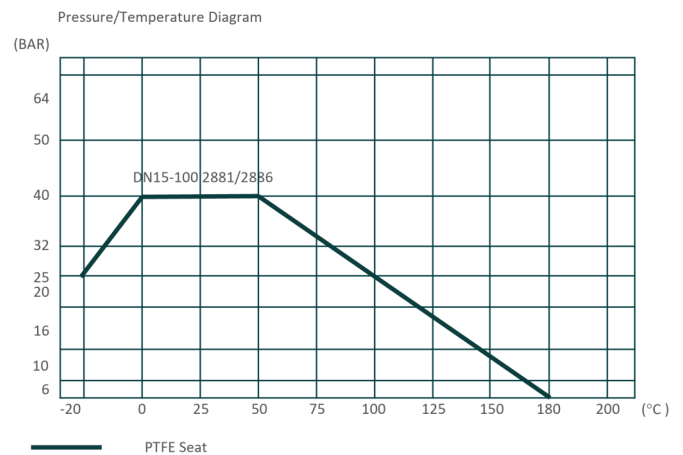


PERFORMANCE

Breakaway Torques in Nm									
PN-Bar	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
0	4	7	10	16	25	35	55	75	150
16	4.8	8.5	11.3	19	28	39	59	84.5	168
25	5.2	9.1	12	20.5	29.5	41.5	62.5	92	180
40	6	10.5	13	22.5	31.5	44	67	99	195

The values in Nm may vary depending on the seat material, temperature and type of fluid. For reliable operation of various types of actuators, in different working conditions, a safety factor of 1.5 is recommended.

Pressure/Temperature Diagram



DIMENSIONS AND PRODUCT CODES

Dimensions and Kv per Product Code and Size								
Product Code	Size	D mm	E mm	F mm	L mm	PN 0-50°C	W gr	Kv
2881x604	DN15	140	48	15	35	40	1345	20
2881x605	DN20	140	51	20	38	40	1810	60
2881x606	DN25	180	62.5	25	43	40	2505	100
2881x607	DN32	180	67	32	54	40	3995	130
2881x608	DN40	230	80	40	60	40	5540	170
2881x609	DN50	230	87	50	70	40	7300	280
2886x610	DN65	350	122.5	65	95	40	15000	510
2886x611	DN80	400	132.5	78	122	40	19500	770
2886x612	DN100	400	156.5	96	140	40	37000	1200

