

Caratteristiche idrauliche - Hydraulic specifications

Dati tecnici Head line	DN mm															
	50	65	80	100	125	150	200	250	300	400	500	600	700	800	900	1000
Kvs (m³/h)	47	68	94	160	180	370	590	860	1260	1790	2800	3800	5100	6100	7450	8900
Corsa (mm) Lift (mm)	15	18	20	25	25	39	50	57	60	78	90	110	130	145	160	175
ζ (—)	4.44	6.06	7.27	6.13	11.82	5.80	7.21	8.28	8.00	12.53	12.50	14.08	14.48	17.27	18.54	19.80

Il coefficiente Kvs rappresenta la portata in m³/h a 20 °C che produce una perdita di carico di 1.0 bar, nella valvola completamente aperta.
Kvs flow factor is the flow rate in m³/h - 20 °C that will produce a 1.0 bar pressure drop in the fully open valve.

Diagramma corsa / Kv - Lift / Kv diagram

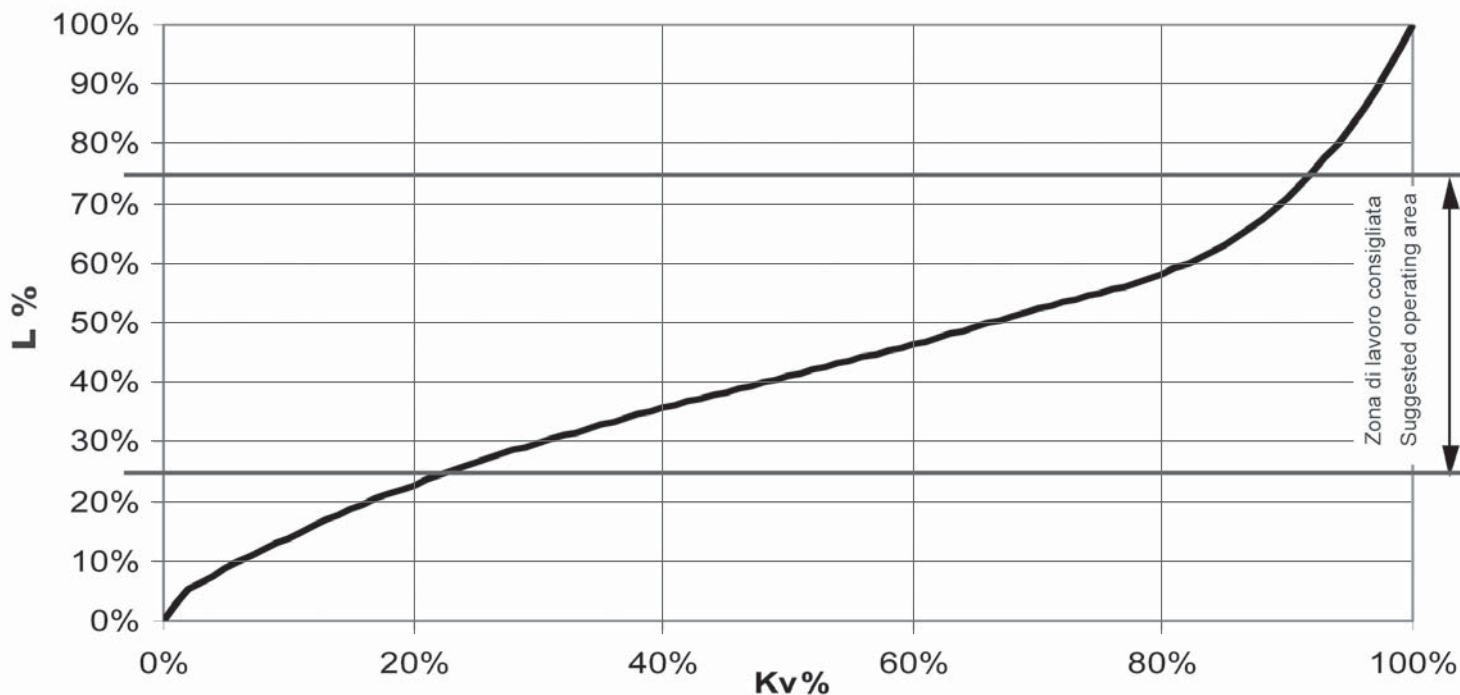
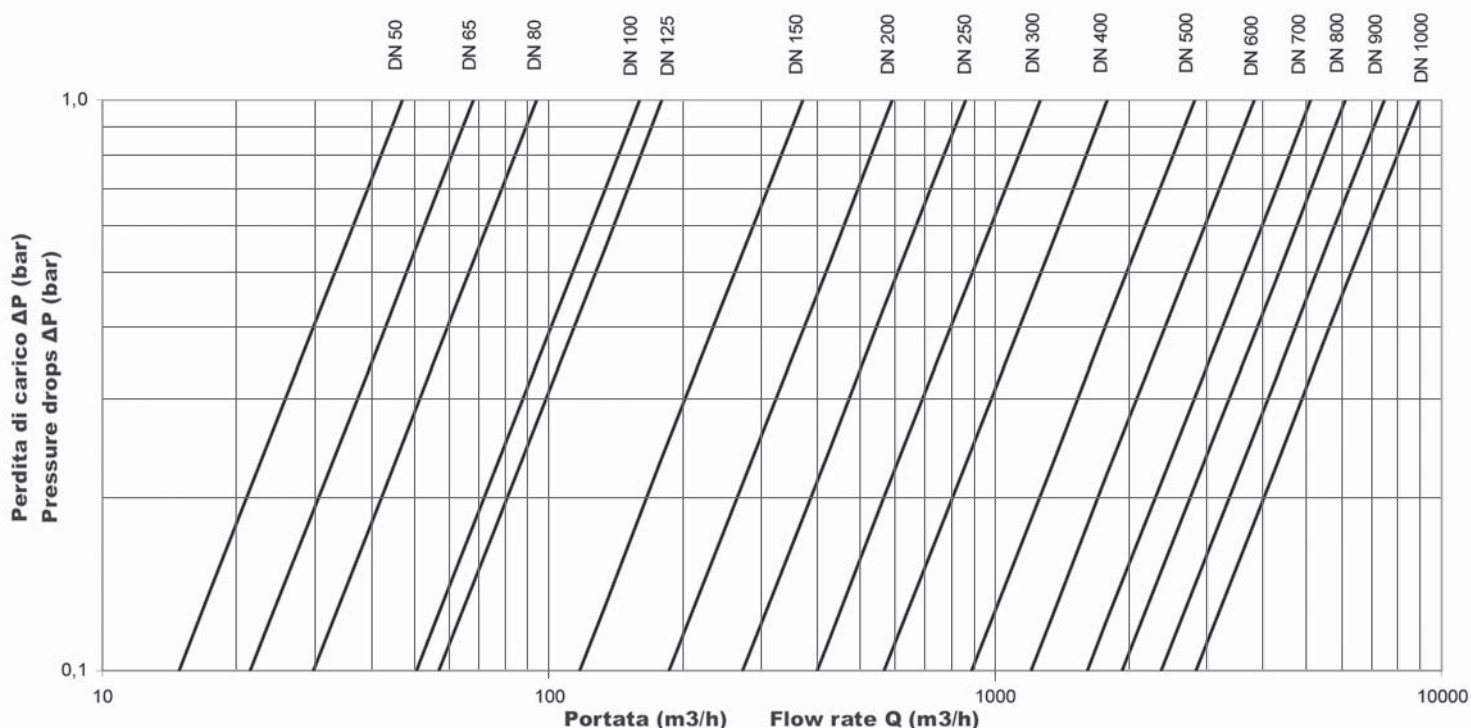


Diagramma perdite di carico (valvola aperta 100%) - Pressure drop diagram (valve open 100%)



Portata consigliata - Recommended flow rate

DN	Basse perdite Low headloss		Consigliata Recommended		Funzionamento intermittente Max continuos		Min consentito Min allowed		Max consentito Max allowed	
	l/s	m3/h	l/s	m3/h	l/s	m3/h	l/s	m3/h	l/s	m3/h
50	4.5	16	6.7	24	8.8	32	1.0	3.5	9.8	35
65	7.6	27	11.3	41	14.9	54	1.7	6.0	16.6	60
80	11.6	42	17.1	62	22.6	81	2.5	9.0	25.1	90
100	18.1	65	26.7	96	35.3	127	3.9	14	39.3	141
125	28.2	102	41.7	150	55.2	199	6.1	22	61.4	221
150	40.6	146	60.1	216	79.5	286	8.8	32	88.4	318
200	72.3	260	106.8	385	141.4	509	15.7	57	157.1	565
250	112.9	406	166.9	601	220.9	795	24.5	88	245.4	884
300	162.6	585	240.3	865	318.1	1145	35.3	127	353.4	1272
400	289.0	1040	427.3	1538	565.5	2036	62.8	226	628.3	2262
500	451.6	1626	667.6	2403	883.6	3181	98.2	353	981.7	3534
600	650.3	2341	961.3	3461	1272.3	4580	141.4	509	1413.7	5089
700	885.1	3187	1308.5	4711	1731.8	6234	192.4	693	1924.2	6927
800	1156.1	4162	1709.0	6152	2261.9	8143	251.3	905	2513.3	9048
900	1463.2	5268	2163.0	7787	2862.8	10306	318.1	1145	3180.9	11451
1000	1806.4	6503	2670.4	9613	3534.3	12723	392.7	1414	3927.0	14137
v [m/s]	2.3		3.4		4.5		0.5		5.0	

Diagramma di cavitazione - Cavitation diagram

