



Hawle Programul de livrare

Explicația registrului de imagine



Explicații la broșură

Informațiile generale privind mediile pot fi limitate în descrierile produselor. Vă rugăm să ne comunicați întotdeauna odată cu comanda, respectiv cererea dvs. și mediul pentru cazul de aplicare respectiv.

Dacă mai aveți alte întrebări legate de produsele noastre, angajații noștri de la Departamentul Tehnic de aplicare vă stau întotdeauna cu plăcere la dispoziție.



Produse pentru utilizare în sectorul apei potabile



Produse pentru utilizare în sectorul apelor uzate municipale (conform EN 1085:2007)



În principiu, perioada de garanție legală pentru produsele vândute de noi este 2 ani de la data livrării de la Hawle. Datorită calității ridicate a produselor Hawle, vă putem acorda o prelungire a garanției de 5 ani pentru produsele fabricate de noi. Pentru detalii suplimentare, vă rugăm să consultați pagina de internet



Puteți găsi informații privind „Garanția de calitate de 10 ani” pentru produsele de apă potabilă Hawle la următorul link: www.hawle.ro



Puteți primi informații actuale prin intermediul buletinului nostru informativ gratuit. Găsiți înregistrarea la adresa www.hawle.de/newsletter disponibil în limba german

1. Vane

437-00  DN 80-200 1-13	438-00  DN 100-200 1-14	439-00  DN 100-200 1-15	450-00  DN 80-300 1-16	451-00  DN 80-300 1-16
480-00  DN 80-100 1-17	483-00  DN 80-150 1-18	400-00  DN 20-600 1-21	401-00  DN 50-200 1-22	411-00  DN 40-400 1-22
412-00  DN 80-200 1-23	415-00  DN 65-300 1-24	434-00  DN 80-200 1-24	440-00  DN 80-200 1-25	442-00  DN 150/250/300 1-26
442-01  DN 100-200 1-27	442-02  DN 100-200 1-28	445-00  DN 80-200 1-29	447-00  DN 100-200 1-30	447-01  DN 100-200 1-31
448-00  DN 100-200 1-32	448-01  DN 100-200 1-33	470-00  DN 32-600 1-34	471-00  DN 150-300 1-35	481-00  DN 50-300 1-36
482-00  DN 80-300 1-37	404-00  DN 50-300 1-39	432-00  DN 50-300 1-40	435-00  DN 50-200 1-41	405-00  DN 25-200 1-43

1. Vane

 409-00 DN 50-200 1-44	 453-00 DN 80-200 1-44	 454-00 DN 80-200 1-45	 392-00 DN 80-200 1-47	 410-00 DN 50-200 1-49
 217-00 DN 50-400 1-51	 440-02 1-51	Piese de schimb  1-52		

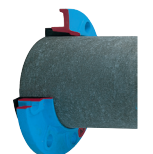
2. Vane fluture



3. Fitinguri-Deverse conexiuni

 DN 80-300 3-14	 DN 80-200 3-14	 DN 80-200 3-15	 DN 200-300 3-15	 DN 80-300 3-16
 DN 80-200 3-16	 DN 80-300 3-17	 DN 80 3-18	 DN 80-300 3-18	 DN 80 3-19
 DN 80-300 3-19	 DN 80-300 3-20	 DN 80-200 3-21	 DN 80-200 3-21	 DN 80-200 3-22
 DN 80-300 3-22	 DN 65-100 3-23	 DN 80-300 3-24	 DN 80-300 3-25	 DN 80-300 3-26
 DN 80-300 3-27	 DN 80-200 3-28	 DN 80 3-28	 DN 80-300 3-29	 DN 80-300 3-29
 DN 80-300 3-30	 DN 80-300 3-31	 DN 80-200 3-31	 DN 80-300 3-32	 DN 80-100 3-33

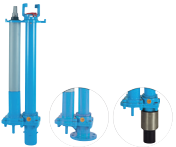
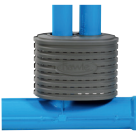
3. Fitinguri-Deverse conexiuni

 DN 80-150 3-34	 DN 80-200 3-35	 DN 80-300 3-36	 DN 50-200 3-39	 DN 100-150 3-40
 DN 40-150 3-40	 DN 80-250 3-41	 DN 60-400 3-42	 DN 50-200 3-43	 DN 80-150 3-44
 DN 50-200 3-44	 DN 40-200 3-45	 DN 50-300 3-45	 DN 50-200 3-46	 DN 50-200 3-46
 DN 50-300 3-47	 DN 80-150 3-48	 DN 80-200 3-48	 DN 80-100 3-49	 DN 80 3-49
 DN 80-100 3-50	 DN 80-150 3-50	 DN 80-150 3-51	 DN 50-200 3-51	 DN 50-600 3-53
 DN 50-300 3-54	 DN 50-200 3-55	 DN 50-300 3-56	 DN 50-300 3-56	 DN 80-100 3-57

3. Fitinguri-Deverse conexium

 DN 50-200 3-58	 DN 50-300 3-59	 DN 50-400 3-61	 DN 65-250 3-62	 DN 40-400 3-63
 DN 80-400 3-64	 DN 65-300 3-65	 DN 50-400 3-66	 Piese de schimb 3-68	

4. Hidranți

 DN 80-100 RD 1,00-1,50m 4-17	 DN 80-100 RD 1,00-1,50m 4-17	 DN 80-100 RD 1,00-1,50m 4-18	 DN 100 RD 1,00-1,50m 4-20	 DN 100 RD 1,00-1,50m 4-22
 DN 150 RD 1,00-1,50m 4-22	 DN 100 RD 1,00-1,50m 4-24	 DN 150 RD 1,00-1,50m 4-24	 DN 80 RD 0,77-2,40m 4-27	 DN 80 RD 1,00-1,50m 4-29
 DN 80 RD 1,00-1,50m 4-30	 DN 80 RD 1,00-1,50m 4-30	 DN 80 RD 1,00-2,55m 4-31	 DN 100 RD 1,10-1,50m 4-34	 d 63-DN 80 RD 0,80-2,00m 4-34
 4-35	 DN 80 RD 1,00-1,50 m 4-36	 AG 1 1/4" RD 0,80-1,50m 4-39	 DN 80 RD 1,30-1,80m 4-39	 ZAK 46 RD 0,70-1,10m 4-40
 4-42	 4-42	 4-42	 4-43	 4-43
 L: 1600 mm 4-43	 L: 1600 mm 4-44	 4-44	 4-45	 4-45

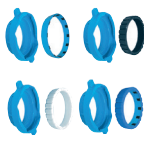
4. Hidranți

Piese de schimb



4-47

5. Sistem de blocare

 DN 250-300 5-11	 DN 80-200 5-11	 DN 80-200 5-12	 DN 50-300 5-13	 DN 80-200 5-13
 DN 50-200 5-14	 DN 80-300 5-16	 DN 80-300 5-17	 DN 80-150 5-18	 DN 80-200 5-18
 d 75-400 5-21	 d 32-63 5-22	 d 20-63 5-22	 d 20-180 5-24	 d 20-225 5-25
 DN 80 5-27	 DN 80-300 5-27	Piese de schimb  5-29		

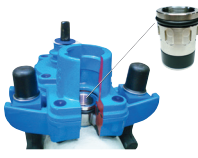
6. Coliere de bransare

 ZAK 34, 46 AG 1 1/4"-2" 6-14	 ZAK 34, 46 AG 1 1/4"-2" 6-14	 ZAK 34, 46 AG 1 1/4"-2" 6-15	 ZAK 34, 46 D 63 6-16	 ZAK 34, 46 D 63 6-16
 ZAK 34, 46 D 63 6-17	 ZAK 34, 46, 69 D 63-315 6-18	 ZAK 34, 46 D 63-315 6-19	 ZAK 46 D 90-225 6-20	 ZAK 34, 46 D 63-315 6-20
 ZAK 34, 46 D 63-225 6-21	 ZAK 34, 46 D 63-225 6-22	 ZAK 34, 46 D 63-225 6-23	 ZAK 34, 46 D 250-315 6-24	 DN 65-500 ZAK 34, 46, 69 6-24
 DN 65-500 ZAK 34, 46 6-25	 DN 65-500 ZAK 46 6-26	 DN 65-500 ZAK 34, 46 6-26	 DN 65-500 ZAK 46 6-27	 DN 65-500 ZAK 46 6-28
 DN 65-500 ZAK 46 6-28	 ZAK 46 D 63-315 6-29	 ZAK 46 D 63-315 6-30	 DN 65-500 ZAK 46, 69 6-31	 DN 65-500 ZAK 46 6-31
 ZAK 46, 69 6-32	 ZAK 34, 46 D 90-225 6-32	 ZAK 69 D 63-225 6-33	 ZAK 46, 69 D 63-225 6-34	 ZAK 46 D 90-225 6-35

6. Coliere de bransare

229-00  D 63 IG 1"-1 1/2" 6-38	229-01  D 63 IG 1"-1 1/2" 6-38	229-02  D 63 IG 1"-1 1/2" 6-39	235-00  D 63-225 1"-1 1/2" 6-40	235-01  D 63-225 IG 1 1/4"-1 1/2" 6-41
235-02  D 63-225 IG 1"-1 1/2" 6-42	247-00  D 90-225 6-43	248-00  D 63 6-44	313-03  D 63-315 6-44	313-04  D 63-315 6-45
313-05  D 90-225 6-46	220-00  AG 1 1/4"-2" IG 1"-1 1/2" 6-49	220-01  AG 1 1/2"-2" IG 1 1/4"-1 1/2" 6-49	221-00  AG 1 1/4"-2" IG 1"-1 1/2" 6-50	221-01  AG 2" IG 1 1/2" 6-51
222-00  AG 1 1/4"-2" IG 1"-1 1/2" 6-51	222-01  AG 1 1/4"-2" IG 1 1/4"-1 1/2" 6-52	230-00  D 63-225 IG 1"-1 1/2" 6-53	231-00  D 63-225 IG 1"-1 1/2" 6-54	232-00  D 63-225 IG 1"-1 1/2" 6-55
240-00  DN 65-500 IG 1"-1 1/2" 6-56	241-00  DN 65-500 IG 1"-1 1/2" 6-56	241-01  DN 65-500 IG 1 1/2" 6-57	242-00  DN 65-500 IG 1"-1 1/2" 6-58	242-01  DN 65-500 IG 1 1/2" 6-58
270-00  DN 65-500 IG 1"-2" 6-59	271-00  D 32-75 AG 1 1/2"-3 1/2" 6-60	352-01  DN 65-500 IG 1"-2" 6-60	359-02  DN 150-500 IG 2 1/2"-3" 6-61	371-01  DN 65-500 IG 1 1/4"-2" 6-61

6. Coliere de bransare

 372-00 IG 1"-2 1/2" AG 1 1/4"-2" 6-62	 521-00 D 63-160 IG 1"-2" 6-63	 525-00 D 40-315 IG 1"-2" 6-64	 525-02 D 250-500 IG 1"-2" 6-65	 525-03 D 90-315 AG 2 1/2" 6-66
 359-00 DN 80 6-68	 351-00 Abgang: DN 40-50 Rohr: DN 65-500 6-71	 359-01 Abgang: DN 80-100 Rohr: DN 150-500 6-71	 363-00 Abgang: DN 80 Rohr: DN 150-500 6-72	 364-00 Abgang: DN 80 Rohr: DN 150-500 6-72
 373-00 DN 50-80 6-73	 523-00 d 110-630 DN 80-150 6-74	 309-00 DN 65-500 d 75-560 6-76	 310-00 d 87-470 6-77	 311-00 d 75-582 6-78
 311-01 d 90-297 6-79	 311-02 d 97-494 6-79	 311-03 d 108-610 6-80	 314-00 DN 100-500 6-80	 317-00 DN 150-500 6-81
 318-00 DN 200-500 6-81	 835-00	 835-01 6-82		

7. Robineti de concesie

 ZAK 46, 69 7-11	 ZAK 46, 69 7-11	 ZAK 46 DN 40-50 7-12	 ZAK 34, 46 d 25-63 7-12	 ZAK 34, 46 d 25-50 7-13
 ZAK 46 7-14	 ZAK 46 7-14	 ZAK 69 7-15	 d 25-63 7-18	 d 25-63 7-18
 d 40-63 7-19	 d 32-63 7-21	 IG 3/4"-2" 7-23	 IG 3/4"-2" 7-24	 IG 1"-2" AG 1 1/4"-2" 7-24
 IG 1 1/4"-2 1/2" AG 1 1/4"-2" 7-25	 IG 2" IG 2 1/2" 7-26			

8. Fitinguri

 DN 80 ZAK 46, 69 8-11	 DN 40 - 80 ZAK 46, 69 8-11	 ZAK 34, 46, 69 D 25-75 8-12	 ZAK 46 D 32-50 8-13	 ZAK 34, 46, 69 D 32-63 8-13
 ZAK 46 D 32-63 8-14	 ZAK 46 D 32-40 8-14	 ZAK 34, 46, 69 D 32-63 8-15	 ZAK 34, 46, 69 AG 1"-3" 8-16	 ZAK 34, 46 DN 40-50 8-17
 ZAK 46, 69 8-17	 ZAK 46 AG 1"-1 1/4" 8-18	 ZAK 46 IG 1 1/4"-1 1/2" 8-18	 ZAK 69 D 75 8-19	 ZAK 46, 69 8-20
 ZAK 46 8-20	 ZAK 46 8-21	 ZAK 46, 69 8-21	 ZAK 46 8-22	 ZAK 34, 46, 69 8-22
 ZAK 34, 46 8-23	 ZAK 46 DN 40 8-23	 ZAK 46 8-24	 ZAK 34, 46 D 25-63 8-24	 ZAK 34, 46 D 32-50 8-25
 ZAK 46 8-26	 ZAK 34, 46, 69 D 25-63 8-26	 ZAK 34, 46 D 32-63 8-27	 ZAK 46 D 32-63 8-28	 ZAK 69 D 50-63 8-29

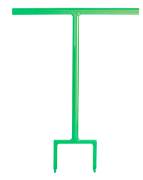
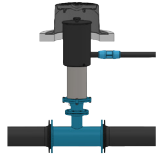
8. Fitinguri

 ZAK 46 D 32-50 8-29	 ZAK 46, 69 8-30	 ZAK 46, 69 8-30	 ZAK 46 8-31	 ZAK 69 D 63 8-31
 ZAK 46, 69 D 46-71 8-32	 ZAK 46, 69 DN 50-400 8-33	 D 20-63 AG 1/2"-2" 8-35	 D 40, 50 AG 1 1/4"-AG 1 1/2" 8-35	 D 32-75 AG 1" - AG 2" 8-36
 D 40 AG 1 1/2" 8-37	 D 20-63 AG 1/2"-2" 8-37	 D 32-63 AG 1 1/2" 8-38	 D 40, 50 AG 1 1/2" 8-38	 D 20-90 IG 1/2"-3" 8-39
 D 20-63 IG 1/2"-2" 8-39	 D 25-63 IG 3/4"-2" 8-40	 D 25-63 AG 3/4"-2" 8-41	 D 40, 50 AG 1 1/4"-1 1/2" 8-41	 D 20-63 IG 1/2"-2" 8-42
 D 32-63 AG 1 1/4"-1 1/2" 8-43	 D 32-63 AG 1 1/2" 8-43	 D 40, 50 AG 1 1/2" 8-44	 D 40, 50 AG 1 1/2" 8-44	 D 32-63 AG 1 1/2" 8-45
 D 40, 50 AG 1 1/2" 8-45	 D 40, 50 AG 1 1/2" 8-46	 D 20-75 IG 1/2"-2" 8-46	 D 20-63 IG 1/2"-2" 8-47	 D 32-63 IG 1"-2" 8-48

8. Fitinguri

 664-00 AG 3/4"-2" 8-48	 665-00 IG 3/4"-1" AG 1"-2" 8-49	 646-07 D 40 AG 1 1/2" 8-51	 620-01 D 32-63 8-53	 622-01 D 25-63 8-53
 630-06 D 20-90 8-54	 630-07 D 40, 50 8-55	 631-00 D 20-90 8-55	 632-00 D 20-63 8-56	 633-00 D 20-63 8-57
 634-00 D 32-63 8-57	 637-01 D 40-66 8-58	 640-00 D 20-63 8-58	 640-01 D 40, 50 8-59	 642-00 D 25-63 8-60
 648-00 D 40-110 8-60	 648-01 D 40, 50 8-61	 651-04 D 25-63 8-62	 249-00 ZAK 34, 46, 69 8-64	

9. Vane de aerisire-dezaerisire

 985-01 DN 80 9-15	 986-00 IG 2" DN 50-200 9-16	 986-05 DN 50-100 9-18	 987-00 IG 2" DN 50-100 PN 16 9-20	 987-01 IG 1" 9-22
 987-02 IG 2" DN 50-80 9-22	 987-03 IG 2"-DN 80 PN 25 9-23	 987-04 DN 80 9-25	 988-00 DN 100-200 9-26	 989-00 IG 3"-DN 80 9-28
 989-01 IG 2" 9-30	 985-00 DN 80 RD 1,00-1,50m 9-34	 992-00 PN 16 DN 50-80 RD 1,00-1,75m 9-36	 992-01 PN 25 DN 50-80 RD 1,00-1,75m 9-38	 992-02 DN 50-80 RD 1,00-1,75m 9-40
 993-00 DN 50-80 RD 1,00-1,75m 9-42	 985-03 AG 2" Bajonett 9-45	 985-08 9-45	 986-01 9-46	 986-02 9-46
 986-03 9-47	 992-03 9-47	 992-04 9-48	 992-05 RD 1,00-1,75 m 9-48	 992-06 RD 1,00-1,75 m 9-49
 992-07 9-49	 992-08 9-50	 992-09 9-50	 992-10 9-51	 992-11 9-51

9. Vane de aerisire-dezaerisire



9-52



9-52

Piese de schimb

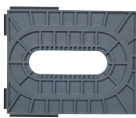
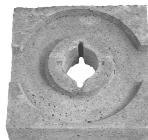


9-54

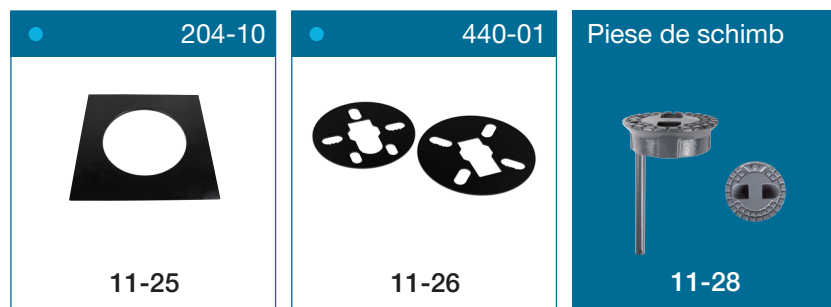
10. Tija de actionare

 RD 1,00-2,65 m 10-10	 RD 1,00-1,50 m 10-11	 RD 0,80-2,50 m 10-12	 RD 0,80-3,00 m 10-13	 RD 0,85-4,10 m 10-14
 L 1500 mm 10-15	 L 550-1310 mm 10-16	 L 0,2-0,7 m 10-18	 RD 0,70-2,50 mm 10-18	 RD 0,60-3,10 m 10-19
 RD 0,70-2,50 m 10-20	 RD 0,70-2,50 m 10-21	 L 1,5 m 10-22	 L 0,15-0,55 m 10-22	 DN 25-600 10-25
 DN 50-400 10-26	 10-28	 10-30	 10-32	 10-32

11. Capace de drum

 180-00 11-9	 180-01 11-9	 187-01 11-10	 187-02 11-10	 200-00 11-11
 200-01 11-11	 205-00 11-12	 205-01 11-12	 205-02 11-13	 206-01 11-13
 206-02 11-14	 207-01 11-14	 207-02 11-15	 211-00 11-15	 211-04 11-16
 212-00 11-16	 212-01 11-17	 206-03 11-19	 211-01 11-19	 200-03 11-20
 206-04 11-20	 204-00 11-21	 204-01 11-21	 204-02 11-22	 204-03 11-22
 204-04 11-23	 204-05 11-23	 204-07 11-24	 204-08 11-24	 204-09 11-25

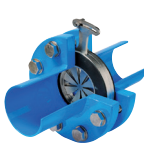
11. Capace de drum



12. Vane de control & Filtre

 IG 1 1/2"-DN 300 12-17	 IG 1 1/2"-DN 300 12-18	 IG 1 1/2"-DN 300 12-19	 IG 1 1/2"-DN 300 12-20	 IG 1 1/2"-DN 300 12-21
 DN 50-250 12-22	 IG 1 1/2"-DN 300 12-23	 IG 1 1/2"-DN 300 12-24	 IG 1 1/2"-DN 300 12-25	 IG 1 1/2"-DN 300 12-26
 IG 1 1/2"-DN 300 12-27	 IG 1 1/2"-DN 300 12-28	 IG 1 1/2"-DN 300 12-29	 IG 1 1/2"-DN 300 12-30	 IG 1 1/2"-DN 300 12-31
 IG 1 1/2"-DN 300 12-32	 IG 1 1/2"-DN 300 12-33	 DN 65-300 12-34	 DN 100-300 12-35	 DN 40-300 12-36
 IG 1 1/2"-DN 300 12-37	 IG 1 1/2"-DN 300 12-38	 IG 1 1/2"-DN 300 12-39	 IG 1 1/2"-DN 300 12-40	 IG 1 1/2"-DN 300 12-41
 IG 1 1/2"-DN 300 12-42	 DN 50-200 12-44	 DN 40-300 12-45	 DN 1 1/2"-DN 300 12-47	 DN 1 1/2"-DN 300 12-47

12. Vane de control & Filtre

011-02  DN 1 1/2"-DN 250 12-48	013-07  DN 40-200 12-49	013-08  12-49	013-09  DN 40-200 12-50	013-10  12-50
011-03  12-51				

13. Coliere de reparație

 110-00 d 54-430 mm 13-9	 120-00 d 87-471 mm 13-11	 510-00 d 63-315 mm 13-12	 352-03 DN 65-500 13-14	 359-03 DN 150-500 13-14
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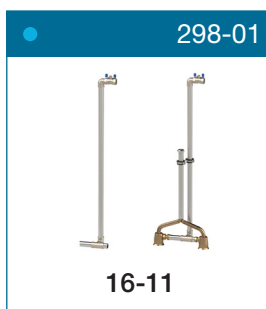
14. Clapet cu bila



15. Fitinguri de trecere prin perete

 ZAK 46 AG 1"-2 1/2" IG 1"-3" d 32-63 15-9	 ZAK 46 IG 1"-2 1/2" AG 1"-2 1/2" d 32-50 15-10	 IG 1"-1 1/2" d 32-50 15-11	 d 63 15-11	 d 35-63 15-12
 DN 80-100 15-12	 IG 1 1/4"-2" d 40-63 15-13	 IG 1"-2" d 32-63 15-13	 ZAK 46 IG 1 1/4"-1 1/2" 15-14	 d 32-63 IG 1"-2" 15-14
 d 32-63 IG 1"-2" 15-15	 d 32-63 ZAK 46 15-16			

16. Camin cu abometre



17. Unelte & Adaptoare

 249-01 17-9	 341-00 17-9	 343-00 17-10	 344-00 17-10	 529-06 17-10
 597-00 17-11	 597-02 17-11	 598-00 d 32-63 17-12	 599-00 d 63 17-12	 600-00 d 20-63 17-13
 600-01 17-13	 600-02 17-14	 600-03 17-14	 600-04 17-15	 601-00 d 20-110 17-15
 607-00 d 0-63 17-16	 609-00 17-16	 684-02 17-16	 830-00 17-17	 831-00 17-17
 831-01 d 5-65 17-18	 840-00 17-19	 849-00 DN 80-200 17-20	 212-02 17-22	 903-01 17-22
 985-07 17-23				

Note



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