

PNEUMATIC ACTUATOR



Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47 Казахстан (772)734-952-31 Таджикистан (992)427-82-92-69

www.vanero.nt-rt.ru || vrq@nt-rt.ru

NAW-G Series

Actuator



Water Proof

O-Rings are fitted on body and cap to prevent water ingress per IP66.

Standard Assembly Dimensions of Accessories

The shaft driven accessory interface conforms to NUMAR standard, and is identical on all NAW Series models, allowing standardization of accessory mounting hardware and installation practices.

Wear resistant

By advanced surface treatment, the guide rod and piston rod combined with self-lubricating bearings, providing superior wear resistance and longer life time for all sliding components.

ISO Valve Mounting

NAW Series actuators interface meets ISO standard for each torque range.

Corrosion Resistant

NAW actuators are coated by three layers of protective coatings in order to meet the severe environmental requirement of petro-chemical industry. The inner surface of the cylinder is coated by PTFE to ensure the corrosion resistant and self-lubricating.

Safety design of Spring Module

To ensure the safety of personnel during installation and maintenance, the spring module has specific design that it can only be integrally removed from the power module along the axial direction of the cylinder module. This can prevent accidental release of the spring force, protecting personnel from injury and the actuator from accidental damage.

Torque Table :

Model	Max. Torque of Drive Module	Air Source Pressure									
		3 Bar		4Bar		5Bar		6Bar		7Bar	
		Start/ending	Runnin g	Start/ending	Runnin g	Start/ending	Running	Start/ending	Runnin g	Start/ending	Running
NAW-G0-180-DA	1000	660	360	890	480	1110	600	1330	720	1550	840
NAW-G0-200-DA		830	504	1107	672	1384	839	-	—	-	-
NAW-G1-250-DA	2000	1550	840	2070	1120	2590	1400	3110	1680	3630	1960
NAW-G1-300-DA		1861	1129					-			
NAW-G2-250-DA		1622	984	2163	1312	2704	1640	3245	1968	3786	2296
NAW-G2-300-DA	4000	2710	1460	3610	1950	4520	2440	5420	2930	6320	3420
NAW-G2-350-DA		3180	1929	4240	2572	—	-	—	-	—	-
NAW-G3-350-DA		—	—	5235	3175	7096	3838	8512	4598	9937	5368
NAW-G3-400-DA	8000	4984	3023	6646	4031	8307	5039	—	—	—	—
NAW-G3-450-DA		6309	3827	8412	5103	—	—	-	—	—	—
NAW-G4-400-DA		—	—	9480	5120	11258	6080	13509	7305	15770	8521
NAW-G4-450-DA	16000	7710	4677	10280	6236	12850	7795	15420	9354	-	
NAW-G4-500-		9519	5774	12693	7700	15866	9625	-	—	—	—

NAW-G5-500-DA		—	—	19210	10380	24010	12980	28810	15570	33620	18170
NAW-G5-600-DA	32000	17447	10584	23263	14112	29078	17640	34894	21169	-	—
NAW-G5-700-DA		23748	14407	31664	19209	—	—	—	—	-	—
NAW-G7-600-DA		-	—	32195	17404	40242	21755	48288	26106	56345	30457
NAW-G7-700-DA	63000	—	—	38449	23325	48062	29157	57674	34988	67286	40820
NAW-G7-800-DA		37664	30275	50219	40366	62774	50458	-	-	-	-
NAW-G8-800-DA		—	—	—	—	73852	44803	88623	53764	10339 3	62725
NAW-G8-900-DA	125000	—	—	74775	45363	93468	56703	11216 2	68044	13085 6	79385
NAW-G8-WOO-DA		69237	42003	92316	56005	11539 5	70006	—	—	—	—
NAW-G9-900-DA		—	—	10094 7	61241	12618 3	76551	15142 0	91861	17665 7	107171
NAW-G9-WOO-DA	250000	93469	56704	12462 6	75606	1 55782	94507	18693 9	11340 9	21809 5	132310
NAW-G9-1100-DA		11309 7	68612	15079 7	91483	18849 6	11435 4	22619 5	13722 9	—	—

Spring Return Type, Single Acting (Air Source 3Bar)							Nm
Model	Max. Torque	Spring Break	Spring Running	Spring End	Air Break	Air Running	Air End
NAW-G0-180-SR3	1000	—	-	—	—	—	—
NAW-G0-200-SR3		511	254	307	523	261	
NAW-G1-200-SR3	2000	877	447	562	879	448	564
NAW-G1-250-SR3		1199	603	749	1327	683	878
NAW-G2-250-SR3		1213	564	674	1127	553	584
NAW-G2-300-SR3	4000	1593	801	991	1604	808	1002

W-G0 - 20 0-SR 4			46	36	71	41		- G0- 200 - SR5							14	0 6
NA W-G1 - 25 0-SR 4	20 00		1 160	5 30	8 10	12 20	560	860	NAW - G1- 250 - SR5	20 00	1494	744	906	1 497	7 46	90 9
NA W-G1 - 30 0-SR 4			1 641	8 36	1 053	17 16	8 81	1128	NAW - G1- 300 - SR5		2089	1063	1 340	2120	1 083	137 2
NA W-G2 - 25 0-SR 4	40 00		1 423	7 23	9 09	14 95	768	980	NAW - G2- 250 - SR5	40 00	1726	883	1 123	1 880	9 79	127 8
NA W-G2 - 30 0-SR 4			2 101	9 20	1 380	21 70	980	1470	NAW - G2- 300 - SR5		2690	1336	1 617	2709	1 348	163 6
NA W-		2 883	1 456	1 810	29 01	1 474	1828	NAW -		3549	1819	2317	3572	1 938	234 0	

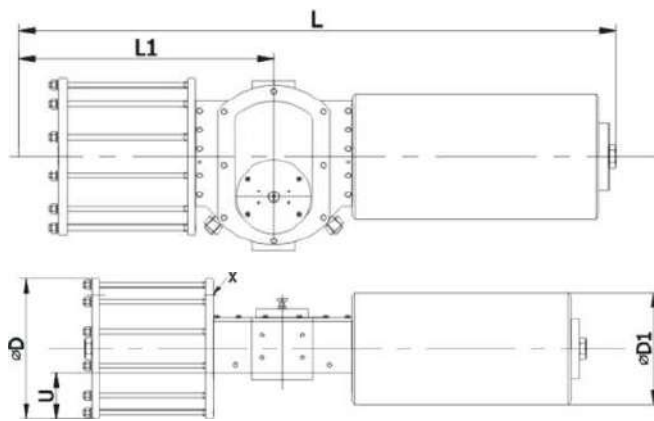
- 35 0- SR 4								350 -SR5							
NA W- G3 - 35 0- SR 4		3 510	1 540	2 210	36 60	1 610	2310	NAW - G3- 350 - SR5		4400	2237	2816	4 251	2271	266 7
NA W- G3 - 40 0- SR 4	80 00	4 400	2 237	2 816	45 69	23 41	2984	NAW - G3- 400 - SR5	80 00	5506	2740	3332	5 899	2893	372 4
NA W- G3 - 45 0- SR 4		5 506	2 740	3 332	60 13	30 54	3 840	NAW - G3- 450 - SR5		7026	3463	4140	7542	3780	465 3
NA W- G4 - 40 0- SR 4	16 00 0	5 977	2 972	3 607	61 02	30 49	3 732	NAW - G4- 400 - SR5	16 00 0	7929	3968	4869	7892	4001	2
NA W- G4		8 810	4 408	5 410	86 93	43 36	5 292	NAW - G4- 500		1041 7	5236	6471	11 158	5694	721 1

0-SR4								-SR5								
NAW-G4-500-SR4		10417	5349	6471	10593	5231	6648	NAW-G4-550-SR5		12696	6379	7880	13451	6847	8636	
NAW-G5-500-SR4		11690	5010	7253	12066	5988	7250	NAW-G5-500-SR5		13727	6879	8462	14751	7514	9485	
NAW-G5-600-SR4	32000	14449	7241	8907	14356	7183	8813	NAW-G5-600-SR5	32000	18185	8971	10752	18327	9058	10894	
NAW-G5-700-SR4		19069	9491	11549	20114	10140	12594	NAW-G5-700-SR5		23864	11772	14109	25470	12767	15715	
NAW-G7-600-	63000	20920	8790	11610	21790	9150	12090	NAW-G7-600-SR5	63000	21426	10879	13666	21644	11014	13884	

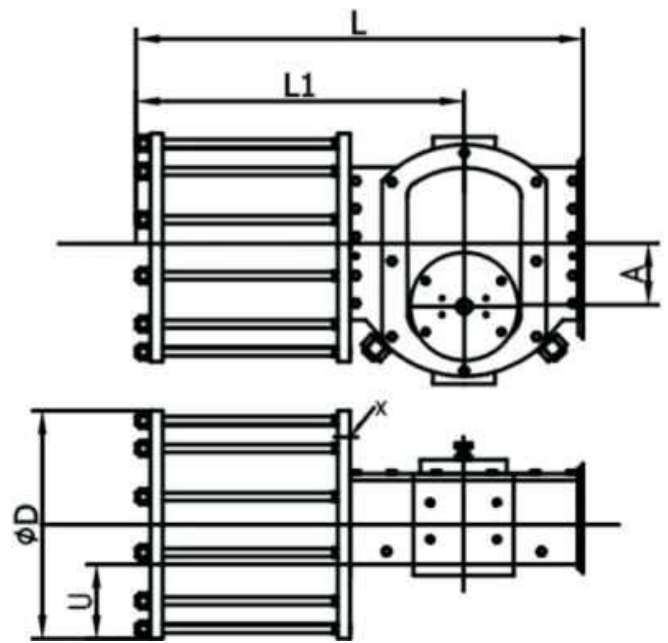
NA W- G9 - 90 0- SR 4		63 398	31 514	38 261	62 685	3107 2	37 548		NAW -G9 -90 0- SR5		7887 8	3971 0	4921 7	76 967	38524	473 05
NA W- G9 - WO O- SR 4	25 00 00	78 878	39 048	49 217	75 409	3822 0	45 747		NAW - G9- 100 O- SR5	25 00 00	9 5891	4 7761	5817 7	97 605	48824	598 91
NA W- G9 - 11 00 - SR 4		95 891	47 761	58 177	92 620	4573 3	5490 6		NAW -G 9 -11 00- SR5		1123 69	5 7081	7176 4	11673 3	59787	761 27

Model	Max. Torque	Spring Break	Spring Running	Spring End	Air Break	Air Running	Air End
NAW-G0-180-SR6	1000	789	402	550	877	546	620
NAW-G0-200-SR6		—	—	-	—	-	-
NAW-G1-250-SR6	2000	1641	836	1053	1831	952	1242
NAW-G1-300-SR6		—	-	—	—	—	
NAW-G2-250-SR6	4000	2107	1076	1363	2242	1159	
NAW-G2-300-SRS		2883	1456	1810	3382	1764	2308
NAW-G2-350-SR6		—	—	-	-	—	—
NAW-G3-350-SR6	8000	5506	2740	3332	5148	2670	2974
NAW-G3-400-SR6		7029	3463	4140	6937	3406	4048
NAW-G3-450-SR6		—	—	—	—	—	—

NAW-G4-400-SR6	16000	10417	5236	6471	10664	5389	6718
NAW-G4-500-SR6		12696	6379	7880	13291	6738	8459
NAW-G4-550-SR6		15644	7724	9271	16327	8147	9952
NAW-G5-500-SR6	32000	16366	8095	9676	16712	8288	10022
NAW-G5-600-SR6		22471	10908	12716	22179	10727	12424
NAW-G5-700-SR6		28953	14335	17288	30207	15112	18543
NAW-G7-600-SR6	63000	26630	13472	16828	25544	12799	15471
NAW-G7-700-SR6		35425	17702	21679	35995	18056	22248
NAW-G7-800-SR6		47742	23883	29300	46029	22821	28593
NAW-G8-800-SR6	125000	57348	28690	35200	53420	26257	31275
NAW-G8-900-SR6		69602	34788	42618	69545	34753	42561
NAW-G8-1000-SR6		82680	41743	51976	86497	42250	55793
NAW-G9-900-SR6	250000	95891	47761	58177	93243	46119	55529
NAW-G9-1000-SR6		112369	57081	71764	115175	58821	74570
NAW-G9-1100-SR6		—	—	—	—	—	—



Spring Return Single Acting



Double Acting

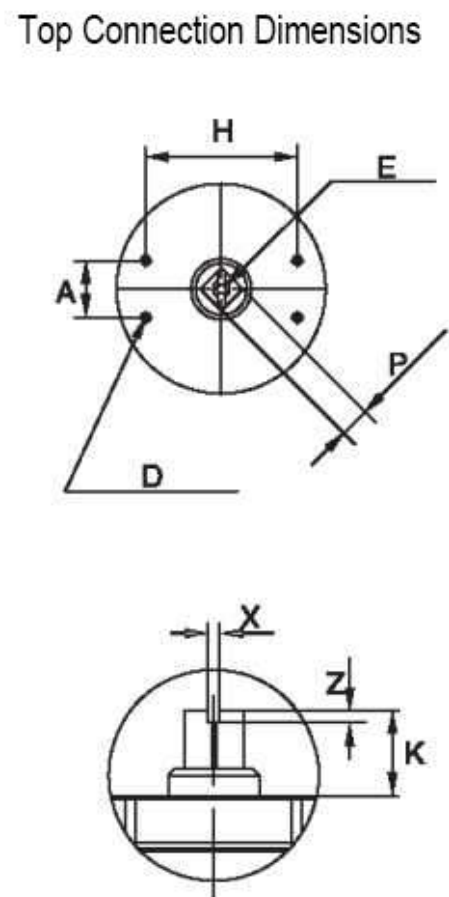
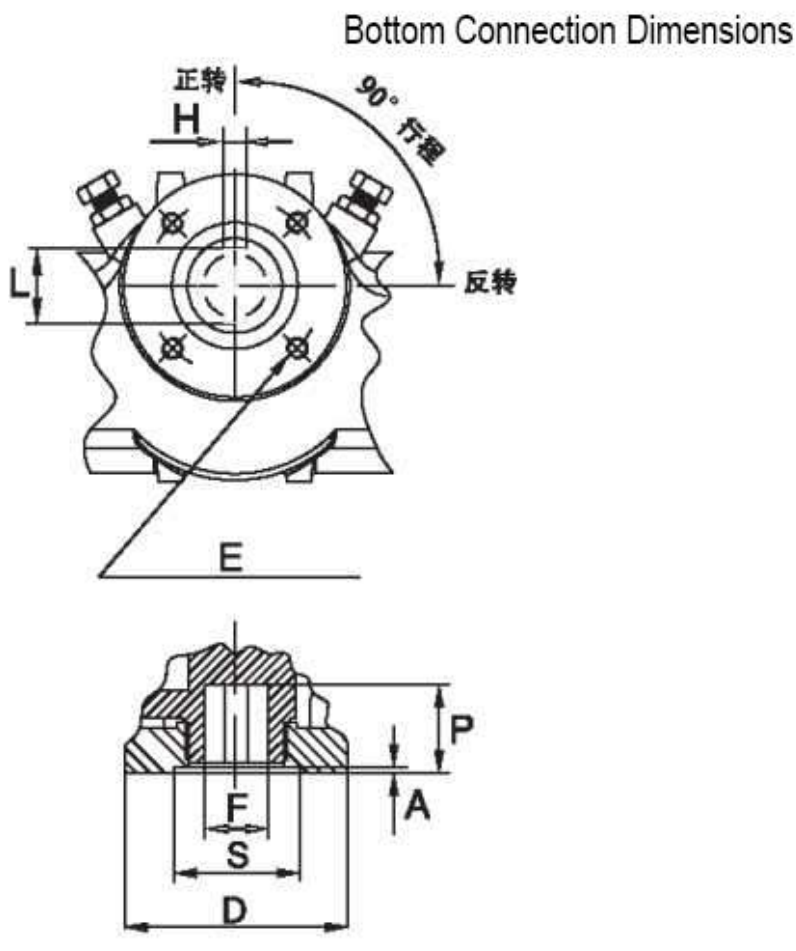
Model	ISO Connect Flange	L1	L	D	D1	U	"X (NPT)"
NAW-G0-180SR4	F12	345	875	230	180	50	1/4"
NAW-G0-200SR4		345	875	270	180	70	3/8"
NAW-G1-250SR4	F14	455	1290	320	220	65	3/8"
NAW-G1-300SR4		455	1290	375	276	90	3/8"
NAW-G2-250SR4	F16	515	1460	320	276	58	3/8"
NAW-G2-300SR4		515	1460	375	280	83	1/2"
NAW-G2-350SR4		515	1460	420	299	108	1/2"
NAW-G3-350SR4	F25	588	1660	420	320	90	1/2"
NAW-G3-400SR4		588	1660	480	350	120	1/2"
NAW-G3-450SR4		588	1660	520	400	140	1/2"
NAW-G4-400SR4	F30	705	1915	480	400	94	3/4"
NAW-G4-450SR4		705	1915	520	400	114	3/4"
NAW-G4-500SR4		705	1915	590	455	149	3/4"
NAW-G5-500SR4	F35	885	2270	590	455	125	3/4"
NAW-G5-600SR4		885	2270	630	455	175	3/4"
NAW-G5-700SR4		885	2270	790	455	225	3/4"
NAW-G7-600SR4	F40	1065	2820	690	530	132	1"

NAW-G7-700SR4		1065	2820	790	560	197	1"	
NAW-G7-800SR4		1065	2820	900	630*	237	1"	
NAW-G8-800SDA	F48	1255	3445	900	630*	219	1"-2	
NAW-G8-900DA		1255	3445	1020	630,	274	1"-2	
NAW-G8-1000DA		1255	3885	1113	630,	335	1"-2	
NAW-G9-900DA	F48	1530	4250	1020	630*	300	1"-2	
NAW-G9-1000DA		1530	4250	1150	762*	350	1"-2	
NAW-G9-1100DA		1530	4250	1250	762*	400	1"-2	

Model	ISO Connect Flange	L1	L	D	D1	U	"X (NPT)"
OAW-G0-180DA	F12	345	495	230	45	50	1/4"
OAW-G0-200DA		345	495	270	45	70	3/8"
OAW-G1-250DA	F14	455	640	320	60	65	3/8"
OAW-G1-300DA		455	640	375	60	90	3/8"
OAW-G2-250DA	F16	515	730	320	75	58	3/8"
OAW-G2-300DA		515	730	375	75	83	1/2"
OAW-G2-350DA		515	730	420	75	108	1/2"
OAW-G3-350DA	F25	588	810	420	88	90	1/2"
OAW-G3-400DA		588	810	480	88	120	1/2"
OAW-G3-450DA		588	810	520	88	140	1/2"
OAW-G4-400DA	F30	705	970	480	109	94	3/4"
OAW-G4-450DA		705	970	520	109	114	3/4"
OAW-G4-500DA		705	970	590	109	149	3/4"
OAW-G5-500DA	F35	885	1225	590	137	125	3/4"
OAW-G5-600DA		885	1225	630	137	145	
OAW-G5-700DA		885	1225	690	137	175	3/4"
OAW-G7-600DA	F40	1065	1375	690	170	132	1"
OAW-G7-700DA		1065	1375	790	170	197	1"
OAW-G7-800DA		1065	1375	900	170	237	1"-2

OAW-G8-900DA		1255	1600	1010	190	274	1"-2
OAW-G8-1000DA		1255	1600	1113	190	335	1"-2
OAW-G9-900DA	F48	1440	2390	1020	270	300	1"-2
OAW-G9-1000DA		1440	2390	1150	270	350	1"-2
OAW-G9-1100DA		1440	2390	2390	270	400	1"-2

Installation Diagram:



Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47 Казахстан (772)734-952-31 Таджикистан (992)427-82-92-69