



**BETTER PERFECT
THAN CHEAP.**



**PRESSURE
WASHERS
2024**



ABOUT US

THE ONLY WAY
TO DO GREAT WORK
IS TO LOVE
WHAT YOU DO.

Prex Pro division, with their decade of experience in the sector of equipment for high pressure cleaning, is one of the leading companies on the national and international market for the manufacture of high pressure pumps and professional hot and cold water high pressure cleaners.

Production is organised totally on their premises, giving the end product a total guarantee of quality, starting from raw materials and ending with a personalised and unique test of each model.

These characteristics allow Prex Pro division to co-operate clearly with their clients, not just as a normal supplier but as an ideal and flexible partner in receiving requests and giving answers.

In this dimension the company has recently launched their technical and commercial structure, above all in human resources, which are Prex Pro's strong point.

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ADVANCE FEATURES

Prex Pro washers combine reliability and cleaning efficiency to achieve the maximum cleaning power possible per horsepower – saving money, time, and water. Our pressure washers use an advanced wobble-plate pump producing greater pressure and flow rate than a crank case pump. The simple, rugged design insures reliability. The pump is so durable it is capable of running dry, or in bypass, for an extended period of time without damage.

10 years guarantee on brass pump head (excluding service materials)



PRESSURE WASHERS

HIGH PERFORMANCE PISTON PUMPS UP TO 250 BAR



PREX PRO PUMPS (BY SIMMM ENGINEERING) ARE A COMBINATION OF EXCEPTIONAL DEGREE OF TECHNOLOGY AND INNOVATION, QUALITY AND RELIABILITY WORTHY OF A LEADING BRAND ON THE MARKET. THE WIDE RANGE INCLUDES MANY MODELS WHICH VARY IN TERMS OF PRESSURE, DELIVER, POWER AND TECHNICAL CHARACTERISTICS, TO SATISFY WIDELY DIFFERENT MARKET DEMANDS.



INNOVATION AND DESIGN

HIGH-EFFICIENCY PROFESSIONAL BRASS ALLOY PUMP WITH PISTONS WITH CERAMIC COATING WITH PATENT. LOW WORKING TEMPERATURE, VERY NOISELESS, STAINLESS **STEEL VALVES WITH SYNTHETIC PLASTIC COVER**. SAME PUMP BODY AND COMPONENTS FOR EACH MODEL. LOWER STOCK COSTS.

FOUR-POLE MOTOR WITH 1.450 RPM WITH CONTINUOUS USE WITH PROTECTION CLASS IP55 AND HIGH NOISELESS AND INTEGRATED THERMAL SWITCH. LOW REVOLUTIONS GUARANTEE A LONGER LIFE OF THE MECHANICAL COMPONENTS USED.

INTERNATIONAL PATENT THAT **GUARANTEES 5 HOURS IN BY-PASS MODE WITH WATER RECIRCULATION WITHOUT DAMAGE TO THE SEALS**. THE SPECIAL BY-PASS VALVE ALLOWS SETTING THE WORKING PRESSURE

THANKS TO THE REVOLUTIONARY AXA PUMP UNIT **WE CAN HAVE WORKING PRESSURES UP TO 200 BAR WITH SINGLE-PHASE MOTOR (230 VOLT) HP. 3 - 1.400 RPM WITH ABSORPTION LOWER THAN 14 AMPS**. THIS FEATURE ALLOWS USING THE CLEANER IN ANY PLACE AND ABOVE ALL WHERE THERE IS NOT THREE-PHASE CURRENT.

AXA PUMP CAN WORK WITH **75 °C INLET WATER AS STANDARD FEATURE**



ONE TECHNOLOGY MANY SOLUTIONS **WHOEVER YOU ARE.**



HIGH PRESSURE CLEANERS

**PROFESSIONAL PRESSURE CLEANERS
WITH HIGHEST PERFROMANCE**



CLEANING OF
STABLES AND WORK
EQUIPMENT FOR
THE AGRICULTURAL
SECTOR

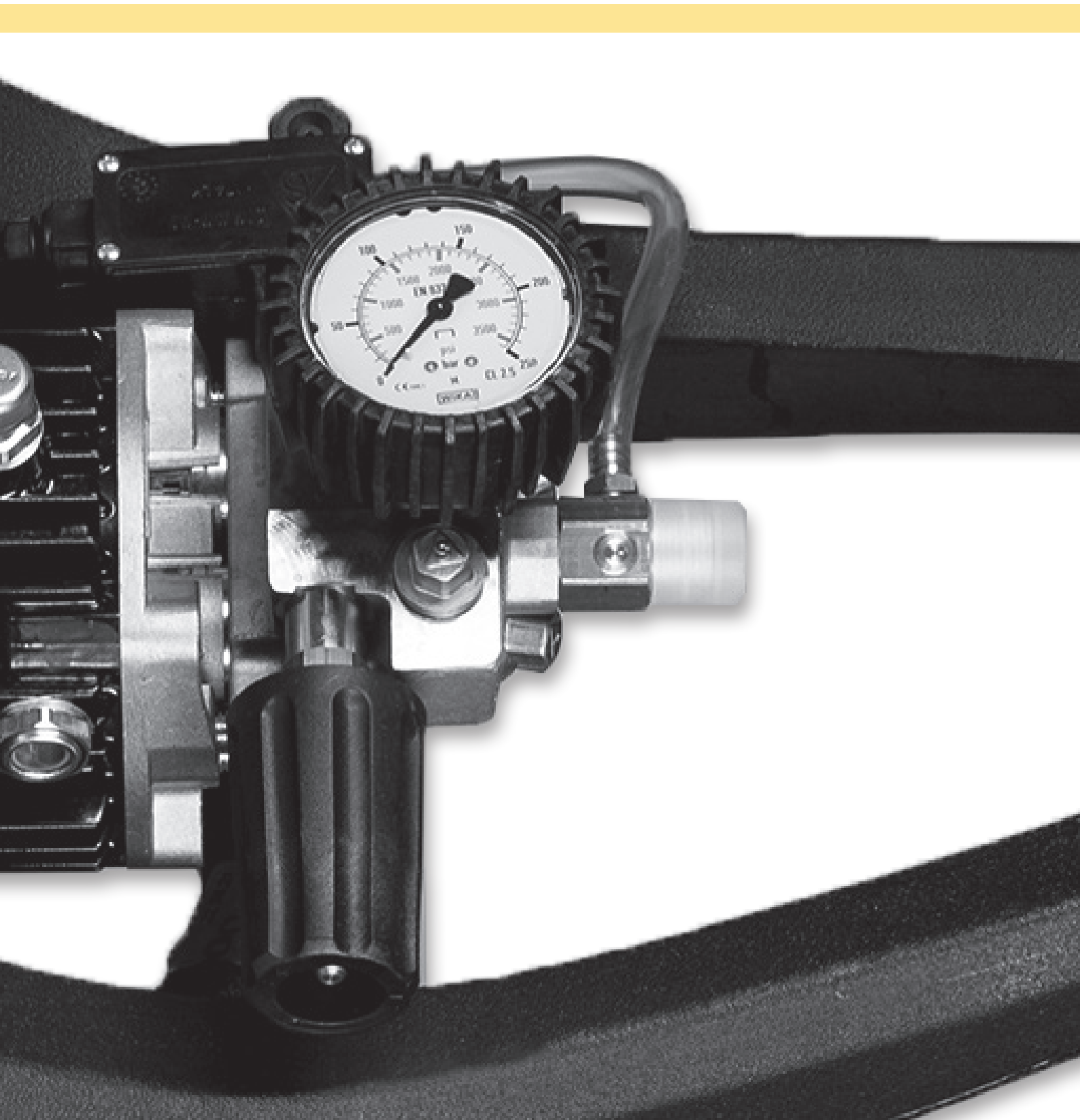
CLEANING OF
COURTYARDS,
STAIRS, PATHS AND
WASHING OF OUTDOOR

GRAFFITI REMOVAL
FROM WALLS AND
SHUTTERS

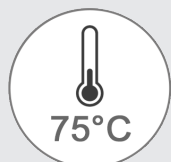
CLEANING OF
MACHINERY, REMOVAL
OF CONCRETE,
CEMENT, GYPSUM AND
PLASTER RESIDUES

CLEANING AND
SANITIZING OF
MACHINERY AND
STEEL TANKS FOR
FOOD INDUSTRY

WASHING OF MOTOR
VEHICLES, HEAVY
VEHICLES, TRUCKS,
WORK EQUIPMENT
PROPELLER BLADES



POWER CLEANER



SELF PRIMING PUMP

AXA BRASS PUMP WITH DOUBLE WATER SEALS AND COATED CERAMIC PISTON EFFICIENCY 98%

TOTAL STOP DEVICE

BACK ACCESSORIES

ROTO-MOLD CHASSIS (CRASH AND FIRE PROOF)

BUILT-IN 12 LT DETERGENT TANK

1.450 RPM MOTOR

LARGE WHEELS

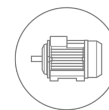


VIDEO



TECHNICAL DATA

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- INTEGRATED BY-PASS VALVE
- STAINLESS STEEL PLUNGERS WITH CERAMIC COATING
- STAINLESS STEEL VALVES
- SELF-PRIMING PUMP
- DRY-RUN SAFETY AND LEAKAGE RETURN SYSTEMS
- (UP TO 5 HOURS)
- LOW SPEED ELECTRIC MOTOR 1.450 RPM
- PRESSURE UP TO 200 BAR WITH A SINGLE PH. MOTOR
- (230 V. 50/50 HZ.)
- TOTAL STOP DEVICE
- ROTO-MOLD CHASSISS WITH BUILT IN 12 LT DETERGENT TANK
- ADJUSTABLE DETERGENT DEVICE
- LARGE PRESSURE GAUGE WITH RUBBER PROTECTION
- LARGE WHEELS FOR EASY TRANSPORTATION
- EASY FRONT CONNECTION
- CE APPROVED

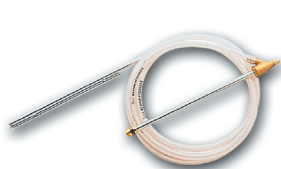


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PC100.660	1.450	30÷120	1.450	660	2.9	230/1/50-60	3	10.4	0.50
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EQUIPMENTS

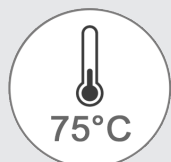
GUN WITH SWIVEL JOIN MULTIREG LANCE FIX LANCE MT. 8 R1 H.P. HOSE 

ROTATING LANCE



SAND BLASTING KIT

POWER JET



SELF PRIMING PUMP

AXA BRASS PUMP WITH DOUBLE WATER SEALS AND COATED CERAMIC PISTON EFFICIENCY 98%

TOTAL STOP DEVICE

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1.450 RPM MOTOR

LARGE WHEELS

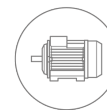
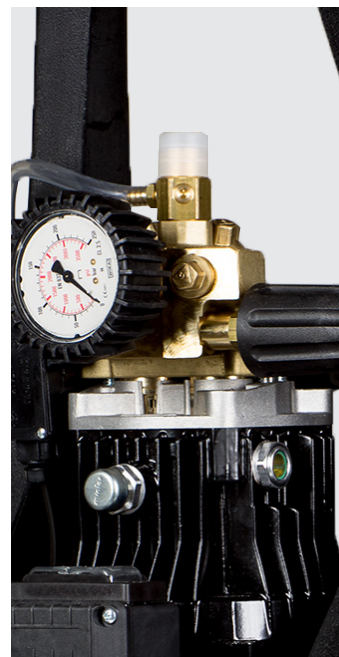


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GUN WITH SWIVEL JOIN 



MULTIREG LANCE 



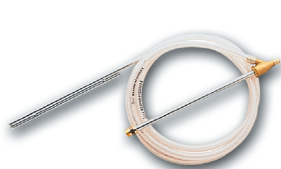
FIX LANCE 



MT. 8 R1 H.P. HOSE 

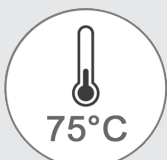


ROTATING LANCE



SAND BLASTING KIT

POWER GUN



EASY LIFTING

PROFESSIONAL GUN
WITH SWIVEL JOIN

AXA BRASS PUMP DOUBLE WATER
SEALS AND COATED CERAMIC
PISTON EFFICIENCY 98%

1.450 RPM MOTOR

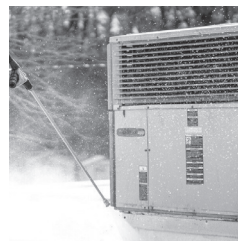
TOTAL STOP DEVICE

WATER TANK (OPTIONAL)

LARGE WHEELS

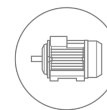
SELF PRIMING PUMP

VIDEO



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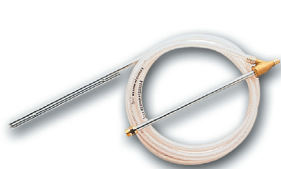


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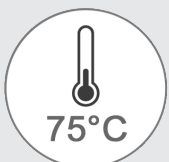
GUN WITH SWIVEL JOIN MULTIREG LANCE FIX LANCE MT. 8 R1 H.P. HOSE 

ROTATING LANCE



SAND BLASTING KIT

POWER WATER



PROFESSIONAL GUN
WITH SWIVEL JOIN

POPTIONAL HOSE REEL

STAINLESS STEEL COVER

1.450 RPM MOTOR

TOTAL STOP DEVICE

AXA BRASS PUMP DOUBLE WATER
SEALS AND COATED CERAMIC
PISTON EFFICIENCY 98%

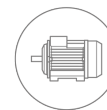
LARGE WHEELS

SELF PRIMING PUMP



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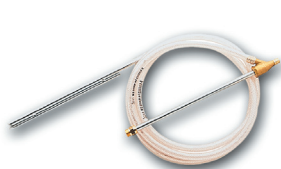


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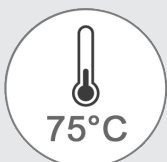
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ROTATING LANCE



SAND BLASTING KIT

WATER GUN



EASY LIFTING

1.450 RPM MOTOR

TOTAL STOP DEVICE

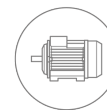
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EQUIPMENTS



GUN WITH SWIVEL JOIN 



MULTIREG LANCE 



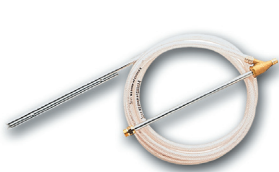
FIX LANCE 



MT. 8 R1 H.P. HOSE 

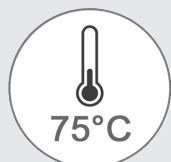


ROTATING LANCE



SAND BLASTING KIT

WATER PURE



5 MICRON FILTER

EASY LIFTING

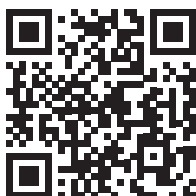
1.450 RPM MOTOR

TOTAL STOP DEVICE

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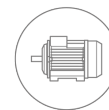


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- CE APPROVED



Code	r.p.m	Pressure		Flow rate		Voltage V/ph/Hz.	Motor		Nozzle
		Bar	PSI	l./h	GPM		Hp.	Amps	
WP100.660	1.450	30÷120	1.450	660	2.9	230/1/50-60	3	10.4	0.50
WP105.720	1.450	30÷105	1.522	720	3.3	230/1/50-60	3	11.8	0.60
WP120.660	1.450	30÷120	1.740	660	2.9	230/1/50-60	3	12.1	0.45
WP130.630	1.450	30÷130	1.885	360	2.8	230/1/50-60	3	12.8	0.40
WP130.660	1.450	30÷130	1.885	660	2.9	230/1/50-60	3	13.8	0.40
WP150.600	1.450	30÷150	2.170	600	2.6	230/1/50-60	3	13.8	0.35
WP200.420	1.450	30÷200	2.900	420	1.9	230/1/50-60	3	13.8	0.20
WP160.900	1.450	30÷160	2.320	900	4.0	400/3/50-60	4	7.5	0.50
WP185.780	1.450	30÷185	2.680	780	3.0	400/3/50-60	4	7.5	0.30
WP200.660	1.450	30÷200	2.900	660	2.9	400/3/50-60	4	7.5	0.35
WP200.900	1.450	30÷200	2.900	900	4.0	400/3/50-60	5.5	9.4	0.45

EQUIPMENTS



GUN WITH SWIVEL JOIN 



MULTIREG LANCE 



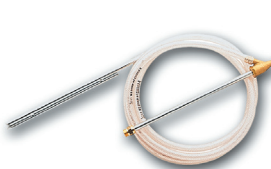
FIX LANCE 



MT. 8 R1 H.P. HOSE 

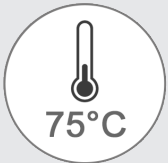


ROTATING LANCE



SAND BLASTING KIT

STEEL CLEANER



SS CABINET



1.450 RPM MOTOR

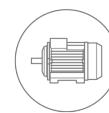
TOTAL STOP DEVICE

AXA BRASS PUMP DOUBLE WATER
SEALS AND COATED CERAMIC
PISTON EFFICIENCY 98%

SELF PRIMING PUMP

TECHNICAL DATA

- AXA PUMP WITH INTERNATIONAL PATENT
- HIGH EFFICECY UP TO 98%
- DOUBLE WATER SEALS FOR HIGH TEMPERATURE
- INTEGRATED BY-PASS VALVE
- STAINLESS STEEL PLUNGERS WITH CERAMIC COATING
- STAINLESS STEEL VALVES
- SELF-PRIMING PUMP
- DRY-RUN SAFETY AND LEAKAGE RETURN SYSTEMS
- (UP TO 5 HOURS)
- LOW SPEED ELECTRIC MOTOR 1.450 RPM
- PRESSURE UP TO 200 BAR WITH A SINGLE PH. MOTOR
- (230 V. 50/50 HZ.)
- TOTAL STOP DEVICE
- SS CABINET
- ADJUSTABLE DETERGENT DEVICE
- LARGE PRESSURE GAUGE WITH RUBBER PROTECTION
- LARGE WHEELS FOR EASY TRANSPORTATION
- EASY FRONT CONNECTION
- CE APPROVED



Code	r.p.m	Pressure		Flow rate		Voltage	Motor		Nozzle
		Bar	PSI	l./h	GPM		Hp.	Amps	
ST100.660	1.450	30÷120	1.450	660	2.9	230/1/50-60	3	10.4	0.50
ST105.720	1.450	30÷105	1.522	720	3.3	230/1/50-60	3	11.8	0.60
ST120.660	1.450	30÷120	1.740	660	2.9	230/1/50-60	3	12.1	0.45
ST130.630	1.450	30÷130	1.885	360	2.8	230/1/50-60	3	12.8	0.40
ST130.660	1.450	30÷130	1.885	660	2.9	230/1/50-60	3	13.8	0.40
ST150.600	1.450	30÷150	2.170	600	2.6	230/1/50-60	3	13.8	0.35
ST200.420	1.450	30÷200	2.900	420	1.9	230/1/50-60	3	13.8	0.20
ST160.900	1.450	30÷160	2.320	900	4.0	400/3/50-60	4	7.5	0.50
ST185.780	1.450	30÷185	2.680	780	3.0	400/3/50-60	4	7.5	0.30
ST200.660	1.450	30÷200	2.900	660	2.9	400/3/50-60	4	7.5	0.35
ST200.900	1.450	30÷200	2.900	900	4.0	400/3/50-60	5.5	9.4	0.45

EQUIPMENTS

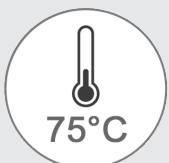
GUN WITH SWIVEL JOIN MULTIREG LANCE FIX LANCE MT. 8 R1 H.P. HOSE 

ROTATING LANCE



SAND BLASTING KIT

POWER WASHER



PROFESSIONAL GUN
WITH SWIVEL JOIN

PROFESSIONAL GUN
WITH SWIVEL JOIN

GEAR BOX

ROBUST PAINTED
STEEL

AXA BRASS PUMP DOUBLE WATER
SEALS AND COATED CERAMIC
PISTON EFFICIENCY 98%



TECHNICAL DATA

- AXA PUMP WITH INTERNATIONAL PATENT
- HIGH EFFICECY UP TO 98%
- DOUBLE WATER SEALS FOR HIGH TEMPERATURE
- INTEGRATED BY-PASS VALVE
- STAINLESS STEEL PLUNGERS WITH CERAMIC COATING
- STAINLESS STEEL VALVES
- SELF-PRIMING PUMP
- DRY-RUN SAFETY AND LEAKAGE RETURN SYSTEMS
- (UP TO 5 HOURS)
- GEAR BOX
- PAINTED STEEL CABINET
- ADJUSTABLE DETERGENT DEVICE
- LARGE PRESSURE GAUGE WITH RUBBER PROTECTION
- LARGE WHEELS FOR EASY TRANSPORTATION
- EASY FRONT CONNECTION
- CE APPROVED



Code	 r.p.m	 Pressure		 Flow rate		Power Hp.	Motor
		Bar	PSI	l./h	GPM		
PW150.720R	1.750*	30÷150	2.175	720	3.1	5.5	Honda GX160
PW200.900R	1.750*	30÷200	2.900	900	3.9	11	Honda GX340

*With gear box

EQUIPMENTS



GUN WITH SWIVEL JOIN



MULTIREG LANCE



FIX LANCE



MT. 8 R1 H.P. HOSE



ROTATING LANCE



SAND BLASTING KIT

PISTON PUMPS

WITH SINGLE AND THREE PHASE MOTOR FOR PROFESSIONAL



CLEANING OF
STABLES AND WORK
EQUIPMENT FOR
THE AGRICULTURAL
SECTOR

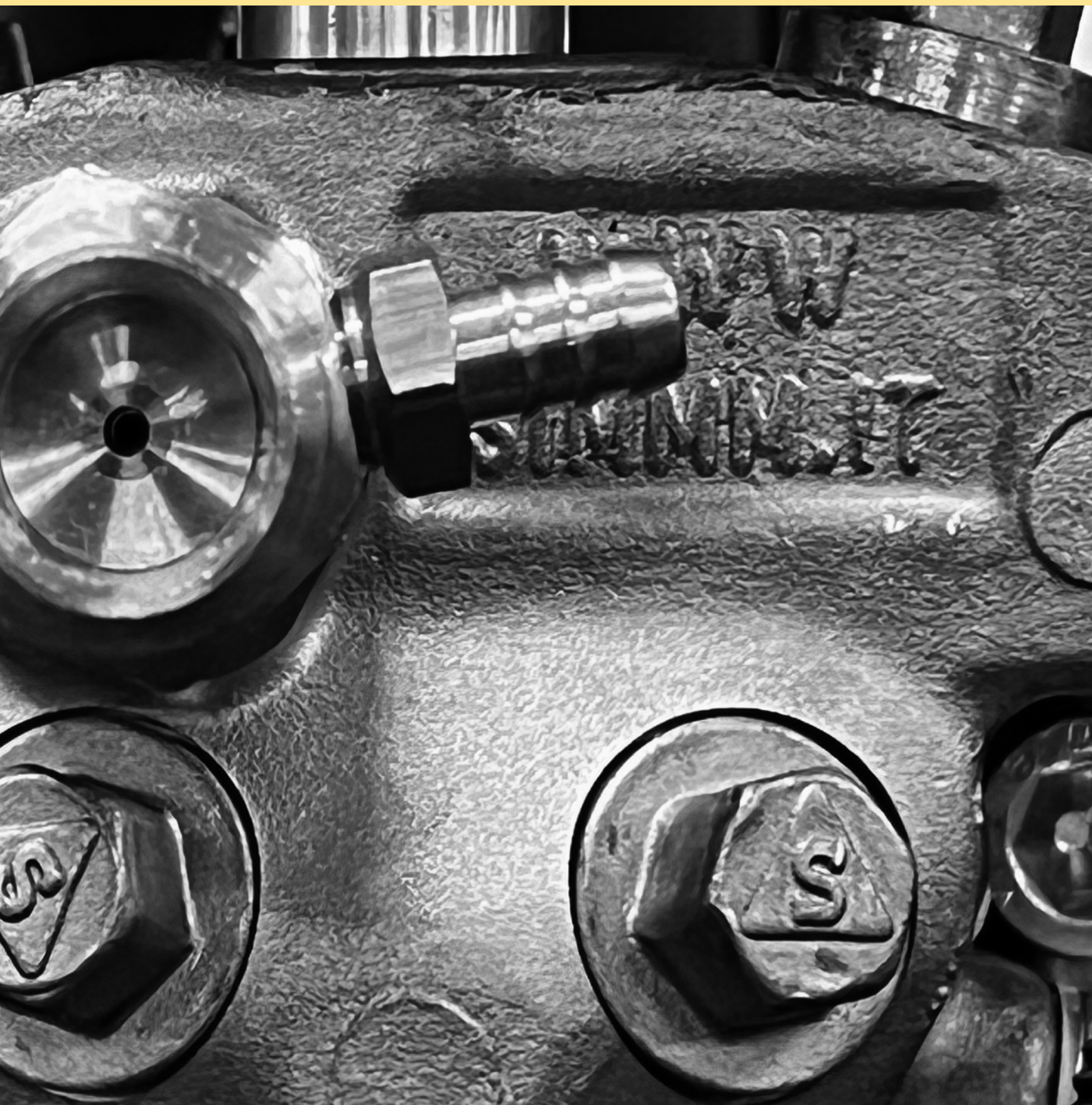
CLEANING OF
MACHINERY, REMOVAL
OF CONCRETE,
CEMENT, GYPSUM AND
PLASTER RESIDUES

WASHING OF MOTOR
VEHICLES, HEAVY
VEHICLES, TRUCKS,
WORK EQUIPMENT

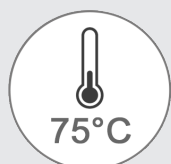
CLEANING AND
SANITIZING OF
MACHINERY AND
STEEL TANKS FOR
FOOD INDUSTRY

GRAFFITI REMOVAL
FROM WALLS AND
SHUTTERS

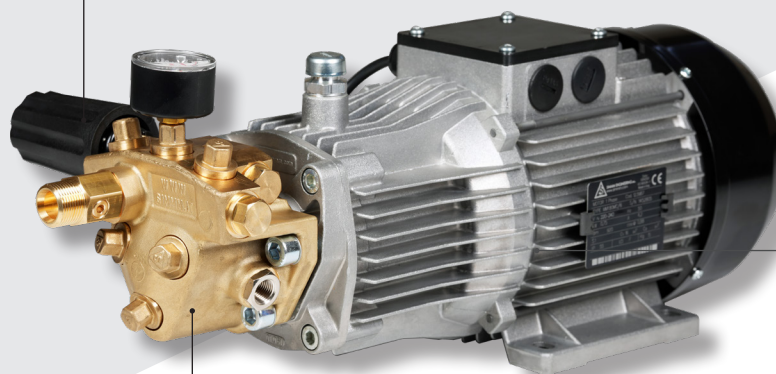
REMOVAL RESIDUES
FROM
HULLS OF SHIPS
AND LARGE BOATS,
CLEANING OF



AXA PISTON PUMP



DRY-RUN SAFETY AND LEAKAGE RETURN
SYSTEMS (UP TO 5 HOURS)

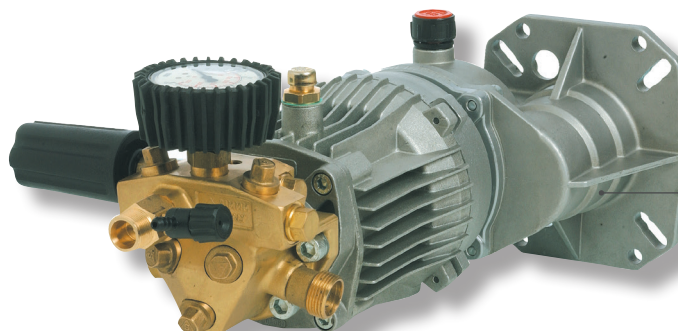


1.450 RPM MOTOR SPEED

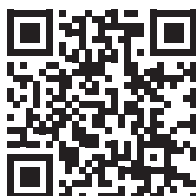
AXA BRASS PUMP DOUBLE WATER
SEALS AND COATED CERAMIC
PISTON EFFICIENCY 98%



GEARBOX

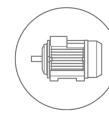


VIDEO



TECHNICAL DATA

- AXA PUMP WITH INTERNATIONAL PATENT
- HIGH EFFICECY UP TO 98%
- DOUBLE WATER SEALS FOR HIGH TEMPERATURE
- INTEGRATED BY-PASS VALVE
- STAINLESS STEEL PLUNGERS WITH CERAMIC COATING
- STAINLESS STEEL VALVES
- SELF-PRIMING PUMP
- DRY-RUN SAFETY AND LEAKAGE RETURN SYSTEMS
- (UP TO 5 HOURS)
- LOW SPEED E1.450 RPM
- PRESSURE UP TO 200 BAR WITH A SINGLE PH. MOTOR
- (230 V. 50/50 HZ.)
- TOTAL STOP DEVICE (OPTIONAL)
- ON/OFF THERMAL SWITCH AND POWER CABLE (OPTIONAL)
- ADJUSTABLE DETERGENT DEVICE (OPTIONAL)
- LARGE PRESSURE GAUGE WITH RUBBER PROTECTION
- LARGE WHEELS FOR EASY TRANSPORTATION
- EASY FRONT CONNECTION
- CE APPROVED



Code	r.p.m	Pressure		Flow rate		Voltage V/ph/Hz.	Motor		Nozzle
		Bar	PSI	l./h	GPM		Hp.	Amps	
AXA100.660	1.450	30÷120	1.450	660	2.9	230/1/50-60	3	10.4	0.50
AXA105.720	1.450	30÷105	1.522	720	3.3	230/1/50-60	3	11.8	0.60
AXA120.660	1.450	30÷120	1.740	660	2.9	230/1/50-60	3	12.1	0.45
AXA130.630	1.450	30÷130	1.885	360	2.8	230/1/50-60	3	12.8	0.40
AXA130.660	1.450	30÷130	1.885	660	2.9	230/1/50-60	3	13.8	0.40
AXA150.600	1.450	30÷150	2.170	600	2.6	230/1/50-60	3	13.8	0.35
AXA200.420	1.450	30÷200	2.900	420	1.9	230/1/50-60	3	13.8	0.20
AXA160.900	1.450	30÷160	2.320	900	4.0	400/3/50-60	4	7.5	0.50
AXA185.780	1.450	30÷185	2.680	780	3.0	400/3/50-60	4	7.5	0.30
AXA200.660	1.450	30÷200	2.900	660	2.9	400/3/50-60	4	7.5	0.35
AXA200.900	1.450	30÷200	2.900	900	4.0	400/3/50-60	5.5	9.4	0.45

Code	r.p.m	Pressure		Flow rate		Power Hp.	Gear Ratio
		Bar	PSI	l./h	GPM		
AXA150.720R	1.750*	30÷150	2.175	720	3.1	5.5	2.3:1
AXA200.900R	1.750*	30÷200	2.900	900	3.9	11	2.176:1

NOZZLE FLOW

NOZZLE SIZE
NOZZLE SIZE / MISURA UGELLO

	50 5 725	70 7 1015	100 10 1450	120 12 1740	150 15 2176	180 18 2611	200 20 2901	220 22 3191	250 25 3626	280 28 4061	300 30 4351	350 35 5076	400 40 5802	450 45 6527	500 50 7252	550 55 7977	600 60 8702	650 65 9427	700 70 10153
010	1,6 0,43	1,9 0,50	2,3 0,60	2,5 0,66	2,8 0,74	3,1 0,81	3,2 0,85	3,4 0,89	3,6 0,95	3,8 1,01	3,9 1,04	4,3 1,13	4,6 1,20	4,8 1,28	5,1 1,35	5,3 1,41	5,6 1,47	5,8 1,54	6,0 1,59
015	2,4 0,64	2,9 0,76	3,4 0,90	3,7 0,99	4,2 1,11	4,6 1,21	4,8 1,28	5,1 1,34	5,4 1,43	5,7 1,51	5,9 1,56	6,4 1,69	6,8 1,81	7,3 1,92	7,6 2,02	8,0 2,12	8,4 2,21	8,7 2,30	9,0 2,39
020	3,2 0,85	3,8 1,01	4,6 1,20	5,0 1,32	5,6 1,47	6,1 1,62	6,4 1,70	6,8 1,79	7,2 1,90	7,6 2,02	7,9 2,09	8,5 2,25	9,1 2,41	9,7 2,55	10,2 2,69	10,7 2,82	11,2 2,95	11,6 3,07	12,1 3,19
022	3,5 0,94	4,2 1,11	5,0 1,32	5,5 1,45	6,1 1,62	6,7 1,78	7,1 1,87	7,4 1,96	7,9 2,09	8,4 2,22	8,7 2,29	9,4 2,48	10,0 2,65	10,6 2,81	11,2 2,96	11,8 3,11	12,3 3,24	12,8 3,38	13,3 3,50
025	4,0 1,06	4,8 1,26	5,7 1,51	6,2 1,65	7,0 1,84	7,6 2,02	8,1 2,13	8,5 2,23	9,0 2,38	9,5 2,52	9,9 2,61	10,7 2,82	11,4 3,01	12,1 3,19	12,7 3,37	13,4 3,53	14,0 3,69	14,5 3,84	15,1 3,98
028	4,5 1,19	5,3 1,41	6,4 1,69	7,0 1,85	7,8 2,06	8,6 2,26	9,0 2,38	9,5 2,50	10,1 2,67	10,7 2,82	11,1 2,92	11,9 3,15	12,8 3,37	13,5 3,58	14,3 3,77	15,0 3,95	15,6 4,13	16,3 4,30	16,9 4,46
030	4,8 1,28	5,7 1,51	6,8 1,81	7,5 1,98	8,4 2,21	9,2 2,42	9,7 2,55	10,1 2,68	10,8 2,86	11,4 3,02	11,8 3,13	12,8 3,38	13,7 3,61	14,5 3,83	15,3 4,04	16,0 4,24	16,8 4,42	17,4 4,61	18,1 4,78
033	5,3 1,41	6,3 1,66	7,5 1,99	8,2 2,18	9,2 2,43	10,1 2,67	10,6 2,81	11,2 2,95	11,9 3,14	12,6 3,33	13,0 3,44	14,1 3,72	15,0 3,97	16,0 4,22	16,8 4,44	17,6 4,66	18,4 4,87	19,2 5,07	19,9 5,26
035	5,6 1,49	6,7 1,76	8,0 2,11	8,7 2,31	9,8 2,58	10,7 2,83	11,3 2,98	11,8 3,13	12,6 3,33	13,3 3,53	13,8 3,65	14,9 3,94	16,0 4,22	16,9 4,47	17,8 4,71	18,7 4,94	19,5 5,16	20,3 5,37	21,1 5,58
037	6,0 1,58	7,1 1,86	8,4 2,23	9,2 2,44	10,3 2,73	11,3 2,99	11,9 3,15	12,5 3,30	13,3 3,52	14,1 3,73	14,6 3,86	15,8 4,17	16,9 4,46	17,9 4,73	18,9 4,98	19,8 5,23	20,7 5,46	21,5 5,68	22,3 5,89
040	6,4 1,70	7,6 2,02	9,1 2,41	10,0 2,64	11,2 2,95	12,2 3,23	12,9 3,41	13,5 3,57	14,4 3,81	15,3 4,03	15,8 4,17	17,1 4,51	18,2 4,82	19,3 5,11	20,4 5,39	21,4 5,65	22,3 5,90	23,2 6,14	24,1 6,37
042	6,8 1,79	8,0 2,12	9,6 2,53	10,5 2,77	11,7 3,10	12,8 3,39	13,5 3,58	14,2 3,75	15,1 4,00	16,0 4,23	16,6 4,38	17,9 4,73	19,1 5,06	20,3 5,36	21,4 5,66	22,5 5,93	23,5 6,19	24,4 6,45	25,3 6,69
045	7,3 1,92	8,6 2,27	10,3 2,71	11,2 2,97	12,6 3,32	13,8 3,64	14,5 3,83	15,2 4,02	16,2 4,28	17,2 4,53	17,8 4,69	19,2 5,07	20,5 5,42	21,8 5,75	22,9 6,06	24,1 6,35	25,1 6,64	26,2 6,91	27,1 7,17
050	8,1 2,13	9,5 2,52	11,4 3,01	12,5 3,30	14,0 3,69	15,3 4,04	16,1 4,26	16,9 4,47	18,0 4,76	19,1 5,04	19,7 5,21	21,3 5,63	22,8 6,02	24,2 6,39	25,5 6,73	26,7 7,06	27,9 7,37	29,1 7,68	30,2 7,97
053	8,5 2,26	10,1 2,67	12,1 3,19	13,2 3,50	14,8 3,91	16,2 4,28	17,1 4,51	17,9 4,73	19,1 5,05	20,2 5,34	20,9 5,53	22,6 5,97	24,2 6,38	25,6 6,77	27,0 7,14	28,3 7,48	29,6 7,82	30,8 8,14	32,0 8,44
055	8,9 2,34	10,5 2,77	12,5 3,31	13,7 3,63	15,4 4,06	16,8 4,44	17,7 4,68	18,6 4,91	19,8 5,24	21,0 5,54	21,7 5,74	23,5 6,20	25,1 6,62	26,6 7,03	28,0 7,41	29,4 7,77	30,7 8,11	32,0 8,44	33,2 8,76
060	9,7 2,55	11,4 3,02	13,7 3,61	15,0 3,96	16,8 4,42	18,3 4,85	19,3 5,11	20,3 5,36	21,6 5,71	22,9 6,05	23,7 6,26	25,6 6,76	27,4 7,23	29,0 7,66	30,6 8,08	32,1 8,47	33,5 8,85	34,9 9,21	36,2 9,56
065	10,5 2,77	12,4 3,27	14,8 3,91	16,2 4,29	18,1 4,79	19,9 5,25	21,0 5,54	22,0 5,81	23,4 6,19	24,8 6,55	25,7 6,78	27,7 7,32	29,6 7,83	31,4 8,30	33,1 8,75	34,7 9,18	36,3 9,59	37,8 9,98	39,2 10,36
070	11,3 2,98	13,3 3,53	16,0 4,22	17,5 4,62	19,5 5,16	21,4 5,66	22,6 5,96	23,7 6,25	25,2 6,66	26,7 7,05	27,6 7,30	29,9 7,89	31,9 8,43	33,8 8,94	35,7 9,43	37,4 9,89	39,1 10,32	40,7 10,75	42,2 11,15
075	12,1 3,19	14,3 3,78	17,1 4,52	18,7 4,95	20,9 5,53	22,9 6,06	24,2 6,39	25,4 6,70	27,0 7,14	28,6 7,56	29,6 7,82	32,0 8,45	34,2 9,03	36,3 9,58	38,2 10,10	40,1 10,59	41,9 11,06	43,6 11,51	45,2 11,95
080	12,9 3,41	15,3 4,03	18,2 4,82	20,0 5,28	22,3 5,90	24,5 6,46	25,8 6,81	27,0 7,15	28,8 7,62	30,5 8,06	31,6 8,34	34,1 9,01	36,5 9,63	38,7 10,22	40,8 10,77	42,8 11,30	44,7 11,80	46,5 12,28	48,2 12,75
085	13,7 3,62	16,2 4,28	19,4 5,12	21,2 5,61	23,7 6,27	26,0 6,87	27,4 7,24	28,7 7,59	30,6 8,09	32,4 8,56	33,6 8,87	36,2 9,58	38,8 10,24	41,1 10,86	43,3 11,44	45,4 12,00	47,5 12,54	49,4 13,05	51,3 13,54
090	14,5 3,83	17,2 4,53	20,5 5,42	22,5 5,94	25,1 6,64	27,5 7,27	29,0 7,66	30,4 8,04	32,4 8,57	34,3 9,07	35,5 9,39	38,4 10,14	41,0 10,84	43,5 11,50	45,9 12,12	48,1 12,71	50,3 13,27	52,3 13,82	54,3 14,34
10	16,1 4,26	19,1 5,04	22,8 6,02	25,0 6,60	27,9 7,37	30,6 8,08	32,2 8,52	33,8 8,93	36,0 9,52	38,1 10,08	39,5 10,43	42,6 11,27	45,6 12,04	48,4 12,77	51,0 13,46	53,5 14,12	55,8 14,75	58,1 15,35	60,3 15,93
12	19,3 5,11	22,9 6,05	27,4 7,23	30,0 7,92	33,5 8,85	36,7 9,69	38,7 10,22	40,6 10,72	43,2 11,43	45,8 12,09	47,4 12,52	51,2 13,52	54,7 14,45	58,0 15,33	61,2 16,16	64,1 16,95	67,0 17,70	69,7 18,42	72,4 19,12
15	24,2 6,39	28,6 7,56	34,2 9,03	37,5 9,89	41,9 11,06	45,9 12,12	48,4 12,77	50,7 13,40	54,1 14,28	57,2 15,11	59,2 15,64	64,0 16,90	68,4 18,06	72,5 19,16	76,5 20,20	80,2 21,18	83,8 22,12	87,2 23,03	90,5 23,90
20	32,2 8,52	38,1 10,08	45,6 12,04	49,9 13,19	55,8 14,75	61,2 16,16	64,5 17,03	67,6 17,86	72,1 19,04	76,3 20,15	79,0 20,86	85,3 22,53	91,2 24,09	96,7 25,55	101,9 26,93	106,9 28,24	111,7 29,50	116,2 30,70	120,6 31,86

PRESSURE DROPS

PIPE SIZE INCH/MM

PRESSURE DROPS IN BAR ABOUT 1 MT LENGHT HOSE

FLOW RATES LT/MIN

	3/16" 4,8	1/4" 6,4	5/16" 7,9	3/8" 9,5	1/2" 12,7	5/8" 15,9	3/4" 19	1" 25,4	1"1/4 31,8	1"1/2 38,1	2" 50,8	3" 76,2
1	0,242	0,075										
2	0,466	0,146	0,066									
4	0,996	0,293	0,133	0,058								
8	2,433	0,613	0,250	0,117								
10	3,540	0,880	0,335	0,144	0,045							
15		1,776	0,660	0,273	0,068	0,027						
20		3,080	1,129	0,462	0,116	0,041	0,018					
30			2,159	0,887	0,228	0,082	0,032					
40					0,379	0,144	0,050	0,014				
50					0,555	0,192	0,075	0,021				
60					0,756	0,263	0,111	0,029	0,009			
70					0,970	0,373	0,154	0,037	0,013			
80					1,250	0,475	0,200	0,049	0,016	0,007		
90					1,531	0,560	0,237	0,066	0,021	0,008		
100						0,653	0,274	0,073	0,025	0,010	0,003	
125						0,964	0,393	0,103	0,036	0,014	0,004	
150							0,567	0,147	0,050	0,019	0,005	
175							0,735	0,186	0,060	0,026	0,007	
200							0,920	0,228	0,083	0,033	0,009	
250								0,347	0,124	0,050	0,013	
300								0,475	0,162	0,068	0,017	0,002
400								0,832	0,303	0,118	0,032	0,004
500								1,159	0,425	0,164	0,043	0,006
600									0,562	0,222	0,057	0,008
700									0,733	0,301	0,078	0,011
800									0,924	0,383	0,098	0,014
900									1,144	0,468	0,118	0,016
1000										0,553	0,140	0,019

NOTE

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