



IST – XRN Series

Hydraulic Plunger Diaphragm Metering Pump



Standard Model with manual stroke adjustment
0 – 100% with scaled micrometer knob



Model with electric actuator for stroke
Adjustment for external control units

TYPE	STROKES/l	MAX FLOW RATE/lh	MAX PRESSURE (BAR) kW PRESS. MAX ^{bar}		CONNECTIONS		
			A	P	THREADED		ANSI
					BSPF/G.F.	UNI	
50 Hz							
XRN 2.16	55	0,6	20	13	1/4"	DN 15	1/2"
XRN 2.16	72	0,9	20	13	1/4"	DN 15	1/2"
XRN 2.16	85	1,2	20	13	1/4"	DN 15	1/2"
XRN 2.16	111	1,5	20	13	1/4"	DN 15	1/2"
XRN 2.16	145	2	20	13	1/4"	DN 15	1/2"
XRN 2.30	28	1,8	20	13	1/4"	DN 15	1/2"
XRN 2.30	36	2,5	20	13	1/4"	DN 15	1/2"
XRN 2.30	55	3,8	20	13	1/4"	DN 15	1/2"
XRN 2.30	72	5	20	13	1/4"	DN 15	1/2"
XRN 2.30	85	5,8	20	13	1/4"	DN 15	1/2"
XRN 2.30	111	7,5	20	13	1/4"	DN 15	1/2"
XRN 2.30	145	11	20	13	1/4"	DN 15	1/2"
XRN 6.20	28	2	35	-	1/4"	DN 15	1/2"
XRN 6.20	36	2,8	35	-	1/4"	DN 15	1/2"
XRN 6.20	55	4,5	35	-	1/4"	DN 15	1/2"
XRN 6.20	72	6	35	-	1/4"	DN 15	1/2"
XRN 6.20	85	7,3	35	-	1/4"	DN 15	1/2"
XRN 6.20	111	10	35	-	1/4"	DN 15	1/2"
XRN 6.20	145	13	35	-	1/4"	DN 15	1/2"
XRN 6.30	55	10	20	13	3/8"	DN 15	1/2"
XRN 6.30	72	14	20	13	3/8"	DN 15	1/2"
XRN 6.30	85	20	20	13	3/8"	DN 15	1/2"
XRN 6.30	111	23	20	13	3/8"	DN 15	1/2"
XRN 6.30	145	30	20	13	3/8"	DN 15	1/2"
XRN 6.38	72	26	15	13	3/8"	DN 15	1/2"
XRN 6.38	85	32	15	13	3/8"	DN 15	1/2"
XRN 6.38	111	42	15	13	3/8"	DN 15	1/2"
XRN 6.38	145	54	15	13	3/8"	DN 15	1/2"
XRN 6.38	170	65	15	13	3/8"	DN 15	1/2"
XRN 6.48	72	42	10	10	3/8"	DN 15	1/2"
XRN 6.48	85	50	10	10	3/8"	DN 15	1/2"
XRN 6.48	111	66	8	8	3/8"	DN 15	1/2"
XRN 6.48	145	87	8	8	3/8"	DN 15	1/2"
XRN 6.48	170	105	8	8	3/8"	DN 15	1/2"
60 Hz							
XRN 2.16	51	0,5	20	13	1/4"	DN 15	1/2"
XRN 2.16	67	0,8	20	13	1/4"	DN 15	1/2"
XRN 2.16	87	1	20	13	1/4"	DN 15	1/2"
XRN 2.16	103	1,2	20	13	1/4"	DN 15	1/2"
XRN 2.16	133	1,6	20	13	1/4"	DN 15	1/2"
XRN 2.30	33	2,1	20	13	1/4"	DN 15	1/2"
XRN 2.30	43	2,8	20	13	1/4"	DN 15	1/2"
XRN 2.30	51	3,5	20	13	1/4"	DN 15	1/2"
XRN 2.30	67	4,5	20	13	1/4"	DN 15	1/2"
XRN 2.30	87	6	20	13	1/4"	DN 15	1/2"
XRN 2.30	103	7	20	13	1/4"	DN 15	1/2"
XRN 2.30	133	10	20	13	1/4"	DN 15	1/2"
XRN 6.20	33	2,5	35	-	1/4"	DN 15	1/2"
XRN 6.20	43	3,5	35	-	1/4"	DN 15	1/2"
XRN 6.20	51	4,1	35	-	1/4"	DN 15	1/2"
XRN 6.20	67	5,5	35	-	1/4"	DN 15	1/2"
XRN 6.20	87	7,2	35	-	1/4"	DN 15	1/2"
XRN 6.20	103	9	35	-	1/4"	DN 15	1/2"
XRN 6.20	133	12	35	-	1/4"	DN 15	1/2"
XRN 6.30	51	10	20	13	3/8"	DN 15	1/2"
XRN 6.30	67	14	20	13	3/8"	DN 15	1/2"
XRN 6.30	87	20	20	13	3/8"	DN 15	1/2"
XRN 6.30	103	24	20	13	3/8"	DN 15	1/2"
XRN 6.30	133	30	20	13	3/8"	DN 15	1/2"
XRN 6.38	67	24	15	13	3/8"	DN 15	1/2"
XRN 6.38	87	33	15	13	3/8"	DN 15	1/2"
XRN 6.38	103	40	15	13	3/8"	DN 15	1/2"
XRN 6.38	133	50	15	13	3/8"	DN 15	1/2"
XRN 6.38	174	68	15	13	3/8"	DN 15	1/2"
XRN 6.48	67	38	10	10	3/8"	DN 15	1/2"
XRN 6.48	87	50	10	10	3/8"	DN 15	1/2"
XRN 6.48	103	62	8	8	3/8"	DN 15	1/2"
XRN 6.48	133	80	8	8	3/8"	DN 15	1/2"
XRN 6.48	174	105	8	8	3/8"	DN 15	1/2"



Pumpen und Dosiertechnik

BUILT-IN RELIEF VALVE SETTING/WORKING PRESSURE

BUILT-IN RELIEF VALVE STD SETTINGS	MAX. WORKING PRESS.
5 bar	4 bar
7 bar	5,5 bar
8 bar	6,5 bar
10 bar	8,5 bar
15 bar	13 bar
17 bar	14,5 bar
20 bar	17 bar
35 bar	30 bar

MATERIALS OF CONSTRUCTIONS

PARTS	A	P	P11	A32
LIQUID END	AISI 316L	PVC	PVC	AISI 316L
VALVE GUIDE	PP	PP	PP	PP
VALVE SEAT	AISI 316L *	PVC *	AISI 316L	INCOLOY 825
VALVE	AISI 316L *	PIREX *	AISI 316L	HASTELLOY C-276
VALVE SEAL	FPM	FPM	FPM	FPM
VALVE HOUSING	AISI 316L	PVC	PVC	AISI 316L
DIAPHRAGM	TEFLON (PTFE)	TEFLON (PTFE)	TEFLON (PTFE)	TEFLON (PTFE)

