

SPECIFICATIONS

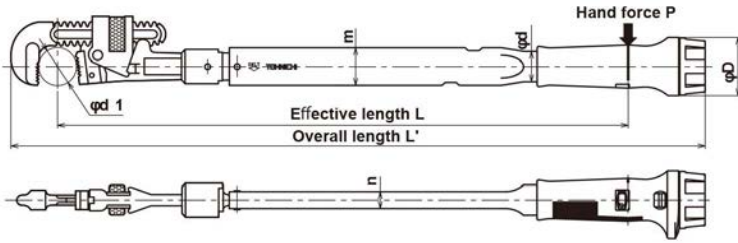
Accuracy $\pm 5\%$

S.I. MODEL		PHL50N	PHL100N	PHL140N	PHL200N	PHL280N	PHL420N	PHLE850N2	PHLE1300N2	
TORQUE RANGE [N · m]	MIN. ~ MAX.	10~50	20~100	30~140	40~200	40~280	60~420	200~850	300~1300	
	GRAD.	0.5	1		2			5		
METRIC MODEL		500PHL3	900PHL3	1400PHL3	1800PHL3	2800PHL3	4200PHL	8500PHLE	13000PHLE	
TORQUE RANGE [kgf · cm/kgf · m]	MIN. ~ MAX.	kgf · cm 100~500	200~900	400~1400	400~1800	kgf · m 4~28	6~42	20~85	30~130	
	GRAD.	kgf · cm 5	10		20	kgf · m 0.2		0.5	1	
AMERICAN MODEL		450PHL3-A	900PHL3-A	1400PHL3-A	1800PHL3-A	2800PHL3-A	4200PHL-A	PHLE600F	PHLE900F	
TORQUE RANGE [lbf · in/lbf · ft]	MIN. ~ MAX.	lbf · in 100~400	lbf · ft 15~75	30~100	30~150	30~200	60~300	150~600	300~900	
	GRAD.	lbf · in 5	lbf · ft 1		2			5	10	
GRIPPABLE PIPE DIA. [mm]		13~38					26~52			
OVERALL LENGTH [mm]		316	472	530	620	833	1122	1664	1831	
WEIGHT [kg]		1.5	1.6	1.8	2.3	2.9	4.8	8.2	10	

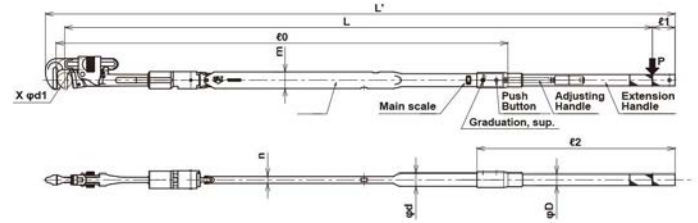
Notes

Accuracy of PHL/PHLE2 is $\pm 5\%$.

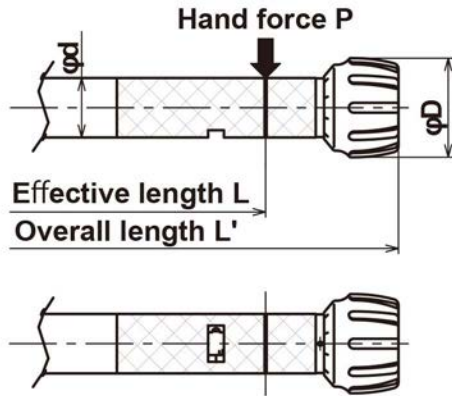
DIMENSIONS



PHL50N~280N



PHLE850N2, PHLE1300N2



PHL420N